



Capital Improvement Plan

FY 2019 - FY 2024

City of Portsmouth, New Hampshire



City of Portsmouth, New Hampshire

Capital Improvement Plan

Planning Board Adoption: January 18, 2018
City Council Public Hearing: February 20, 2018
City Council Adoption: March 5, 2018
City Council Amended: June 4, 2018

FY 2019 - FY 2024

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CAPITAL IMPROVEMENT PLAN

FY 2019 to FY 2024

CITY OF PORTSMOUTH, N.H.

CITY COUNCIL

Jack Blalock, Mayor
Cliff Lazenby, Assistant Mayor
Doug Roberts
Nancy Pearson
Josh Denton
Chris Dwyer
Rebecca Perkins
Ned Raynolds
Rick Becksted

CITY MANAGER

John P. Bohenko

PLANNING BOARD MEMBERS

Dexter Legg, Chair and Member of the CIP Advisory Committee
Elizabeth Moreau, Vice Chair and Member of the CIP Advisory Committee
Rebecca Perkins, City Council Representative
Colby Gamester
Jay Leduc
Jody Record
Jeffrey Kisiel, Member of the CIP Advisory Committee
Jane E. Begala, Alternate
Corey Clark, Alternate

Nancy Colbert-Puff, Deputy City Manager, Ex-officio
David Moore, Assistant City Manager, Ex-officio

Prepared By

Juliet Walker, Planning Department
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CAPITAL IMPROVEMENT PLAN

FY 2019 to FY 2024

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Nomenclature

Americans with Disabilities Act	ADA
Boston and Maine Railroad	B&M RR
Capital Improvement Plan	CIP
Central Business District	CBD
Community Development Block Grant	CDBG
Complex Instruction Set Computing	CISC
Congestion Mitigation Air Quality	CMAQ
Cooperative Alliance for Seacoast Transportation	COAST
Criminal Justice Information Services	CJIS
Department of Transportation	DOT
Department of Public Works	DPW
Data Subscriber Line	DSL
Environmental Protection Agency	EPA
Federal	FED
Federal Emergency Management Association	FEMA
Fiscal Year	FY
Governmental Accounting Standards Board	GASB
General Fund	GF
Gallons Per Minute	GPM
Infiltration and Inflow Studies	I/I
Information System	IS
Integrated Automated Fingerprinting Information System	IAFIS
Local Area Network	LAN
Local Wide Area Network	LWAN
Long Range Transportation Plan	L RTP
Long Term Control Plan	LTCP
Megabytes per Second	MPS
Manual on Uniform Traffic Control Devices	MUTCD
National Fire Prevention Association	NFPA
National Pollutant Discharge Elimination System	NPDES
New Hampshire Port Authority	NHPA
Occupational and Safety Health Administration	OSHA
Pease Development Authority	PDA
Pease International Tradeport	PIT
Public Private Partnership	PPP
Past Year(s)	PY
Reduced Instruction Set Computing	RISC
Rockingham Planning Commission	RPC
Supervisory Control and Data Acquisition	SCADA
Seacoast Metropolitan Planning Organization	SMPO
Self Contained Breathing Apparatus	SCBA
State Revolving Loan Fund	SRF
Safe Routes to School	SRTS
Sewer System Evaluation Survey	SSES
State Transportation Improvement Plan	STIP

State Ten Year Transportation Plan	STYP
To Be Determined	TBD
Transportation Improvement Plan	TIP
Transportation Management Agency	TMA
Transportation System Management Plan	TSMP
Variable Frequency Drive	VFD
Vehicle Miles Traveled	VMT
Wide Area Network	WAN
Waste Water Treatment Facility	WWTF

Impact on Operating Budget

Description of box labeled “Impact on Operating Budget” is as follows:

- 1. Reduce – will generate revenue**
The project will either generate some revenue to offset expenses.
- 2. Reduce – will reduce Operating Cost**
The project will reduce operating costs
- 3. Negligible < \$5,001**
The project will generate less than \$5,001 per year in increased operating expenditures.
- 4. Minimal \$5,001 to \$50,000**
The project will generate between \$5,001 and \$50,000 per year in increased operating expenditures.
- 5. Moderate \$50,001 to \$100,000**
The project will generate between \$50,001 and \$100,000 per year in increased operating expenditures.
- 6. High \$100,001 or more**
The project will generate \$100,001 or more annually in increased operating expenditures.

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CITY OF PORTSMOUTH

Community Development Department
(603) 610-7232

Planning Department
(603) 610-7216

January 18, 2018

Honorable Mayor Jack Blalock and City Council Members
City Hall
1 Junkins Avenue
Portsmouth, New Hampshire 03801

Dear Mayor Blalock and Councilors,

The Planning Board is pleased to submit its Fiscal Year 2019-2024 Capital Improvement Plan (CIP) for the City of Portsmouth. The CIP identifies the City's short- and long-term capital improvement and infrastructure needs, schedules capital outlays over a six-year time frame, and identifies estimated costs and funding sources for each recommended capital project. To develop this Plan, the Planning Board's Capital Improvement Plan Subcommittee met with City department administrators to review and prioritize proposed projects.

As in prior years, the Planning Board has developed this Capital Improvement Plan with the goal of targeting a stable amount of the City's property tax revenues to capital projects. In order to keep pace with inflation, the Board recommends that capital expenditures from the General Fund be tied to a percentage of the City's overall budget. Specifically, the Board recommends that the City allocate up to 2 percent of the prior year's budget to capital projects. The Fiscal Year 2018 General Fund budget is \$110.7 million; therefore, the capital expenditure target for Fiscal Year 2019 would be approximately \$2.18 million.

After reviewing departmental capital project requests totaling \$2.467 million, the Planning Board is recommending an appropriation of \$2.18 million or about 2% of 2018 budget. Where possible, projects have been linked to achieve the maximum benefit possible from finite fiscal resources.

Projects in the Capital Improvement Plan are assigned priorities according to the time frame within which they need to be completed. Priority "A" projects are those that are needed within the next three years; priority "B" includes projects that should be completed within 4 to 6 years; priority "C" projects can be deferred to more than 6 years in the future; and priority "O" represents ongoing projects such as street and sidewalk upgrades, or continuing multi-year projects.

Along with the annual Budget, the Capital Improvement Plan is a management tool that endeavors to balance competing infrastructure and capital investment needs within the constraints of fiscal prudence. When these interests are meshed successfully, the City's short- and long-term goals will be addressed to our betterment.

Respectfully submitted,



Dexter Legg, Chair, Planning Board



John P. Bohenko, City Manager

Planning Board Members:

- Dexter Legg, Chair
- Elizabeth Moreau, Vice-Chair
- Rebecca Perkins, City Council Representative
- Colby Gamester
- Jeffrey Kisiel
- Jay Leduc
- Jody Record
- Nancy Colbert Puff, Deputy City Manager, Ex-officio
- David Moore, Assistant City Manager, Ex-officio
- Jane E. Begala, Alternate
- Corey Clark, Alternate

PLANNING BOARD CERTIFICATE

RESOLUTION ADOPTING A RECOMMENDED PROGRAM OF MUNICIPAL CAPITAL IMPROVEMENT PROJECTS PURSUANT TO CHAPTER 674, SECTION 5 OF THE NEW HAMPSHIRE REVISED STATUTES ANNOTATED

WHEREAS the Planning Board of the City of Portsmouth has the duty under the provisions of RSA 674:1 to prepare and amend a Master Plan to guide the development of the community; and

WHEREAS on March 24, 2005, the Planning Board adopted a Master Plan entitled “City of Portsmouth, New Hampshire – Master Plan”; and

WHEREAS the Planning Board may under the provisions of RSA 674:1 recommend programs for the development of the municipality, programs for the erection of public structures, and programs for municipal improvements, each of which shall include recommendations for its financing; and

WHEREAS the Planning Board, having adopted a Master Plan, is authorized under RSA 674:5 and City Ordinances to prepare and adopt a recommended program of municipal capital improvements projected over a period of at least 6 years;

NOW, THEREFORE, BE IT RESOLVED by the Planning Board of the City of Portsmouth that the document entitled “Capital Improvement Plan, FY 2019 – FY 2024” be and hereby is adopted as the Board’s recommended program of municipal capital improvement projects for the City of Portsmouth, New Hampshire.

ADOPTED: January 18, 2018

ATTEST:



Dexter Legg, Chair, Planning Board

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SECTION I: INTRODUCTION

The Capital Improvement Plan (CIP) sets forth a multi-year schedule and financing strategies for accomplishing necessary public improvements. Careful development of and adherence to the CIP ensures that needed facilities are provided within the City's financial capability. In combination with the annual City budget, the CIP has a major impact on the allocation of fiscal resources, and is thus one of the most important documents considered by the City Council.

The purposes of the CIP are to:

1. Implement needed improvements on a scheduled basis
 - Provides a complete picture of the City's major development needs
 - Coordinates activities of various City departments and agencies
 - Assists in implementing recommendations of the City's Master Plan
2. Guide the allocation of fiscal resources
 - Establishes fiscal priorities for projects
 - Balances the use of funding sources
3. Help plan for future City expenditures
 - Discourages piecemeal improvements and duplication of expenditures
4. Ensure that needed facilities are provided within the City's financial capability:
 - Informs the taxpayers of anticipated future improvements
 - Helps to schedule major projects to reduce fluctuations in the tax rate

As used in the CIP, a capital improvement project is defined as a major fiscal expenditure that is made infrequently or is non-recurring, and that falls into one or more of the following categories:

1. Land acquisition;
2. Construction or expansion of a new public facility or public infrastructure;
3. Non-recurring rehabilitation of a public facility or public infrastructure provided the cost is \$50,000 or more;
4. Design work or planning study related to a capital project or implementation of the Master Plan;
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; or
6. Replacement and purchase of vehicles which have a life expectancy of more than 5 years or cost more than \$50,000.

The capital planning process is coordinated by the Finance and Planning Departments under the direction of the City Manager. Capital project requests are initially formulated by City department heads and submitted to the Finance Department. Members of the public may also submit project requests, which are reviewed by City departments and incorporated into the departmental requests as appropriate.

Each project request includes the following information:

1. Project name
2. Project type (one of the 6 categories listed above)
3. Project location
4. Proposed time frame:
 - (A) Implement within 3 years
 - (B) Implement within 4 to 6 years
 - (C) Implement after 6 years
 - (O) Ongoing allocations of funding are required for this project
5. Project justification (does the project meet one or more of the following criteria):
 - Identified in planning document or study
 - Improves quality of existing services
 - Provides added capacity to existing services
 - Addresses public health or safety need
 - Reduces long-term operating costs
 - Alleviates substandard conditions or deficiencies
 - Provides incentive to economic development
 - Responds to federal or state requirement
 - Eligible for matching funds with limited availability
6. Cost estimate and proposed funding sources
7. Impact on operating budget

After City department heads submit their capital project requests, an Advisory Committee of the Planning Board meets with department representatives to review these requests. The Advisory Committee then evaluates and prioritizes each request and makes recommendations to the Planning Board.

The following factors are considered when prioritizing projects:

1. Project requirements – Is the project required to meet legal, compliance, or regulatory requirements?
2. Timing – How soon does the project need to be implemented to address the needs identified?
3. Strategic alignment – To what extent is the project aligned with other city projects, policies, processes?
4. Public value – How much value does the outcome of this project provide to the general public? How much public support is there for implementing this project?
5. Finance planning – Is the project fundable in the time frame identified, are there available funding sources for this project?

The Finance Department incorporates the Advisory Committee's recommendations into a recommended Capital Improvement Plan which is reviewed and adopted by vote of the Planning Board in accordance with State statute. Finally, the Planning Board's adopted CIP is conveyed to the City Council for public hearing and adoption in accordance with City Charter requirements.

SECTION II: METHOD OF FINANCING

Capital improvement projects are funded from a variety of sources. These include: General Fund (GF); Federal/State Grants; Bond or Lease; Revenues (Parking, Water and Sewer); State Revolving Loan Fund (SRF) and Public Private Partnerships (PPP).

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 2% of previous FY General Fund total Budget) 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.

Grants – One source of grants is from other levels of government, for example, the Environmental Protection Agency, the NH Department of Health and Human Services, U.S. Housing and Urban Development, NH Department of Environmental Services, and the NH Department of Transportation. Generally, these Federal and State sources provide an outright grant or matching funds to go with locally raised funds. The City also pursues non-governmental private grants when applicable.

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 decrease the flexibility of how yearly revenues can be utilized. The City's bonding capacity is a limited resource. All projects that are to be bonded should meet minimum eligibility criteria and must have a life span at least equal to the bond life.

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. Additionally, the City has established a Parking and Transportation Fund (Special Revenue Fund). Revenues derived from the City's parking functions are transferred to this fund in order to operate the City's parking and traffic related activities.

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. 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 becomes a serial bond payable by the City of Portsmouth Sewer or Water Fund to the State of NH. Payback is over a five to ten year period and Enterprise Revenues are utilized for

that purpose. In addition, the City applies for State Aid Grant funding to assist in repaying SRF loans up to 30% of the total project cost.

Public Private Partnership – This method of financing involves joint funding of a particular project between the City and one or more private sector or non-governmental partners. This method is used for projects that will benefit the partners and help to minimize costs to local taxpayers.

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 taxes, long-term and short-term financial obligations of the City and a project's relative priority in terms of implementation. The Capital Improvement Plan seeks to maximize the potential benefits from all revenue sources.

SECTION III: FINANCIAL SUMMARY

Section III contains useful summary information detailing the specifics of the Capital Plan. These include the following:

1. Capital Improvement Plan Summary, all funds (FY 19-24);
2. A graph displaying the FY 2019 Distribution of Capital Improvement Plan Funding (Non-Enterprise Funds);
3. General Fund, Capital Outlay Projects only (FYs 13-19);
4. Computation of Legal Debt Margin as of June 30, 2017;
5. Long-Term Debt Service Forecast Model (General Fund);
6. Projected Net Long-Term Debt Service as a Percentage of the General Fund Budget;
7. Long-Term Debt Service Forecast Model (Parking Fund);
8. Long-Term Debt Service Forecast Model (Debt Service Fund);
9. Long-Term Debt Service Forecast Model (Water Fund);
10. Long-Term Debt Service Forecast Model (Sewer Fund);
11. Long-Term Debt – Outstanding Balance (All Funds).

Capital Improvement Plan Summary '19-'24

CIP * Year is the Fiscal Year initially introduced in CIP not the first Fiscal Year Funded
 Page Type *Year Dept #

FY 19 Distribution

FY '20 to FY '24 Schedule

		Enterprise						FY '19	FY '20	FY '21	FY '22	FY '23	FY '24	Total Cost
		GF	Funds	Bond/Lease	Federal/State	Other/Revenues	PPP	Total						
I. VEHICLE and EQUIPMENT SCHEDULE														
VEHICLES														
42	VE- 07- FD- 01							\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$510,000
43	VE- 13- FD- 02			\$600,000				\$600,000						\$600,000
44	VE- 18- FD- 03	\$60,000						\$60,000						\$60,000
45	VE- 19 FD- 04							\$0	\$650,000					\$650,000
EQUIPMENT														
46	VE- 18- FD- 05	\$24,000						\$24,000						\$24,000
47	VE- 18- FD- 06	\$60,000						\$60,000	\$60,000					\$120,000
48	VE- 18- PD- 07	\$20,000						\$20,000	\$20,000					\$40,000
I. TOTAL EQUIPMENT AND VEHICLE SCHEDULE		\$164,000	\$0	\$600,000	\$0	\$85,000	\$0	\$849,000	\$165,000	\$735,000	\$85,000	\$85,000	\$85,000	\$2,004,000

II. BUILDINGS AND INFRASTRUCTURE														
Total Cost														
50	BL- 19 FD- 08			\$325,000				\$325,000						\$325,000
51	BL- 16- PD- 09							\$0						\$0
52	BL- 15- PD- 10							\$0	\$11,000,000					\$11,000,000
53	BL- 07- SC- 11			\$500,000				\$500,000		\$500,000				\$1,000,000
55	BL- 08- SC- 12			\$5,000,000				\$5,000,000	\$2,000,000	\$250,000	\$250,000			\$7,500,000
56	BL- 17- FI- 13	\$50,000						\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
57	BL- 18- FI- 14	\$88,000						\$88,000	\$94,000	\$50,000	\$50,000	\$50,000	\$50,000	\$382,000
58	BL- 19 PL- 15	\$25,000						\$25,000						\$25,000
59	BL- 95- PL- 16							\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
60	BL- 18 PL- 17	\$25,000						\$25,000						\$25,000
61	BL- 12- CD- 18				\$600,000			\$600,000				\$2,000,000		\$2,600,000
62	BL- 12- CD- 19	\$75,000						\$75,000	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,025,000
63	BL- 12- CD- 20							\$0	\$50,000					\$50,000
64	BL- 00- CD- 21							\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
65	BL- 16- CD- 22				\$50,000			\$50,000						\$50,000
66	BL- 06- CD- 23							\$0	\$7,500		\$7,500		\$7,500	\$22,500
67	BL- 02- CD- 24							\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
68	BL- 02- CD- 25							\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
69	BL- 19- CD- 26	\$25,000						\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
70	BL- 11- CD- 27	\$50,000		\$2,325,000			\$2,325,000	\$4,700,000	\$3,625,000	\$2,225,000	\$1,625,000	\$1,925,000	\$1,825,000	\$15,925,000
71	BL- 19 PW- 28	\$50,000						\$50,000						\$50,000
72	BL- 09 CD- 29				\$500,000	\$950,000		\$1,450,000						\$1,450,000
73	BL- 18- CD- 30	\$50,000						\$50,000	\$50,000	\$50,000	\$50,000			\$200,000
74	BL- 05 CD- 31	\$50,000						\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000
75	BL- 04- PW- 32	\$20,000						\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000

Capital Improvement Plan Summary '19-'24

CIP * Year is the Fiscal Year initially introduced in CIP not the first Fiscal Year Funded
 Page Type *Year Dept #

FY 19 Distribution

FY '20 to FY '24 Schedule

	Type	*Year	Dept	#	FY 19 Distribution						FY '20 to FY '24 Schedule							
					GF	Enterprise Funds	Bond/Lease	Federal/State	Other/Revenues	PPP	FY '19 Total	FY '20	FY '21	FY '22	FY '23	FY '24		
76	BL-	17-	PW-	33	RECYCLING & SOLID WASTE TOTES	\$50,000						\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$50,000	\$500,000
77	BL-	18-	PW-	34	RECYCLING & SOLID WASTE TRANSFER STATION	\$100,000						\$100,000	\$2,750,000					\$2,850,000
78	BL-	15-	PW-	35	OUTDOOR POOL UPGRADE			\$1,000,000				\$1,000,000						\$1,000,000
79	BL-	15-	PW-	36	BLEACHERS/GRANDSTANDS							\$0				\$1,000,000		\$1,000,000
80	BL-	05-	PW-	37	HISTORIC CEMETERY IMPROVEMENTS							\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
81	BL-	15-	PW-	38	CITYWIDE RETAINING WALLS REPAIRS and IMPROVEMENTS							\$0		\$50,000		\$50,000		\$100,000
82	BL-	07	PW/NH-	39	SOUND BARRIERS IN RESIDENTIAL AREA ALONG I-95							\$0	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$4,500,000
83	BL-	19	PW-	40	FOUNDRY PARKING FACILITY-PARKING OFFICES							\$0						\$0
84	BL-	19	PW-	41	CITY HALL COMPLEX ELECTRICAL UPGRADES	\$50,000		\$600,000				\$650,000						\$650,000
85	BL-	01	PW-	42	CITY WIDE FACILITIES CAPITAL IMPROVEMENTS							\$0	\$1,000,000			\$1,000,000		\$2,000,000
86	BL-	15-	PW-	43	CITYWIDE STORMDRAINAGE IMPROVEMENTS	\$200,000						\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000
87	BL-	95-	PW-	44	HANOVER PARKING FACILITY-CAPITAL IMPROVEMENTS					\$100,000		\$100,000	\$100,000	\$5,000,000	\$50,000	\$50,000	\$50,000	\$5,350,000

II. TOTAL BUILDINGS AND INFRASTRUCTURE

\$908,000	\$0	\$9,750,000	\$500,000	\$1,700,000	\$2,325,000	\$15,183,000	\$11,371,500	\$20,370,000	\$4,277,500	\$6,820,000	\$4,627,500	\$62,649,500
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III. INFORMATION SYSTEMS MANAGEMENT

Total Cost

90	IS-	06-	IT-	45	INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS (Funded through General Fund-Other General Non-Operating)					\$740,908		\$740,908	\$716,908	\$714,708	\$747,708	\$636,308	\$663,708	\$4,220,248
96	IS-	18-	FD-	46	INCIDENT REPORTING AND DATA MANAGEMENT SYSTEM (Funded through General Fund-Other General Non-Operating)							\$0						\$0
97	IS-	17-	PD-	47	PUBLIC SAFETY RECORDS MGT/COMPUTER AIDED DISPATCH (Funded through General Fund-Other General Non-Operating)							\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
III. TOTAL INFORMATION SYSTEMS MANAGEMENT						\$0	\$0	\$0	\$0	\$740,908	\$0	\$740,908	\$816,908	\$814,708	\$847,708	\$736,308	\$763,708	\$4,720,248

IV. TRANSPORTATION MANAGEMENT

Total Cost

															PARKING			
100	TSM-	05-	PW-	48	FREE PUBLIC PARKING/SHARED LOT AGREEMENTS					\$60,000		\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000

Capital Improvement Plan Summary '19-'24

CIP * Year is the Fiscal Year initially introduced in CIP not the first Fiscal Year Funded
 Page Type *Year Dept #

FY 19 Distribution

FY '20 to FY '24 Schedule

	TSM-	Year	Dept	#	Enterprise						FY '19 Total	FY '20	FY '21	FY '22	FY '23	FY '24	
					GF	Funds	Bond/Lease	Federal/State	Other/Revenues	PPP							
101	TSM-	12-	PW-	49						\$300,000		\$300,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000
102	TSM-	08-	PW-	50						\$45,000		\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$270,000
<u>BICYCLE/PEDESTRIAN</u>																	
103	TSM-	15-	PL/NH-	51				\$1,800,000				\$1,800,000	\$406,000	\$780,000			\$2,986,000
104	TSM-	15-	PL-	52	\$30,000							\$30,000	\$50,000	\$50,000	\$50,000	\$50,000	\$280,000
105	TSM-	08-	PL-	53					\$275,000			\$275,000	\$350,000				\$625,000
106	TSM-	17-	PL-	54								\$0			\$3,000,000		\$3,000,000
107	TSM-	19	PL	55								\$0					\$0
108	TSM-	08-	PW/NH-	56								\$0	\$130,000	\$295,000		\$1,000,000	\$1,425,000
109	TSM-	16-	PW/NH-	57								\$0	\$50,000	\$110,000	\$110,000		\$270,000
110	TSM-	15-	PW-	58								\$0	\$1,000,000				\$1,000,000
111	TSM-	01-	PW-	59	\$175,000							\$175,000					\$175,000
112	TSM-	19	PW	60								\$0		\$200,000			\$200,000
113	TSM-	17-	PW-	61								\$0		\$78,000	\$150,000	\$980,000	\$1,208,000
114	TSM-	18-	PW-	62								\$0		\$90,000	\$90,000	\$1,500,000	\$1,590,000
115	TSM-	18-	PW-	63								\$0				\$375,000	\$375,000
116	TSM-	95-	PW-	64								\$0	\$800,000		\$800,000		\$800,000
<u>INTERSECTION/SIGNALS</u>																	
118	TSM-	10-	PW-	65	\$100,000							\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
119	TSM-	11-	PW-	66								\$0	\$100,000		\$100,000		\$100,000
120	TSM-	16-	PW-	67	\$200,000					\$50,000		\$250,000	\$1,000,000				\$1,250,000
<u>BRIDGES</u>																	
121	TSM-	17-	PW/NH-	68								\$0			\$8,400,000		\$8,400,000
122	TSM-	18-	PW-	69			\$350,000					\$350,000	\$50,000	\$50,000	\$50,000	\$50,000	\$600,000
123	TSM-	10-	PW-	70								\$0			\$200,000	\$3,600,000	\$3,800,000
124	TSM-	08-	PW/NH-	71								\$0					\$0
<u>ROADWAY</u>																	
125	TSM-	03	PW-	72								\$0			\$2,000,000		\$2,000,000
126	TSM-	11	PW-	73						\$20,000		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
127	TSM-	19	PW-	74								\$0	\$200,000	\$800,000			\$1,000,000
128	TSM-	14	PW-	75			\$400,000	\$300,000				\$700,000					\$700,000
129	TSM-	16	PW/NH-	76			\$2,200,000					\$2,200,000	\$2,300,000				\$4,500,000
130	TSM-	16-	PW/NH-	77			\$1,700,000					\$1,700,000					\$1,700,000
131	TSM-	94-	PW-	78								\$0	\$3,000,000		\$3,000,000		\$9,000,000
133	TSM-	16-	PW-	79								\$0		\$100,000	\$100,000		\$200,000
134	TSM-	11-	PW-	80								\$0	\$750,000		\$750,000		\$750,000
136	TSM-	15-	PW-	81								\$0			\$150,000	\$1,100,000	\$1,250,000
IV. TOTAL TRANSPORTATION MANAGEMENT					\$505,000	\$0	\$4,650,000	\$2,100,000	\$700,000	\$50,000	\$8,005,000	\$10,511,000	\$2,788,000	\$7,525,000	\$13,175,000	\$12,630,000	\$54,634,000

Capital Improvement Plan Summary '19-'24

CIP * Year is the Fiscal Year initially introduced in CIP not the first Fiscal Year Funded
Page Type *Year Dept #

FY 19 Distribution

FY '20 to FY '24 Schedule

GF	Enterprise					FY '19	FY '20	FY '21	FY '22	FY '23	FY '24
	Funds	Bond/Lease	Federal/State	Other/Revenues	PPP	Total					

SUMMARY

TOTALS PER SECTION

I.	EQUIPMENT AND VEHICLE SCHEDULE	\$164,000	\$0	\$600,000	\$0	\$85,000	\$0	\$849,000	\$165,000	\$735,000	\$85,000	\$85,000	\$85,000	\$85,000	\$2,004,000
II.	BUILDING & INFRASTRUCTURE	\$908,000	\$0	\$9,750,000	\$500,000	\$1,700,000	\$2,325,000	\$15,183,000	\$11,371,500	\$20,370,000	\$4,277,500	\$6,820,000	\$4,627,500	\$62,649,500	
III.	INFORMATION MANAGEMENT SYSTEMS	\$0	\$0	\$0	\$0	\$740,908	\$0	\$740,908	\$816,908	\$814,708	\$847,708	\$736,308	\$763,708	\$4,720,248	
IV.	TRANSPORTATION MANAGEMENT PLAN	\$505,000	\$0	\$4,650,000	\$2,100,000	\$700,000	\$50,000	\$8,005,000	\$10,511,000	\$2,788,000	\$7,525,000	\$13,175,000	\$12,630,000	\$54,634,000	
	CAPITAL CONTINGENCY	\$58,000	\$0	\$0	\$0	\$0	\$0	\$58,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$558,000	
	SUBTOTALS	\$1,635,000	\$0	\$15,000,000	\$2,600,000	\$3,225,908	\$2,375,000	\$24,835,908	\$22,964,408	\$24,807,708	\$12,835,208	\$20,916,308	\$18,206,208	\$124,565,748	

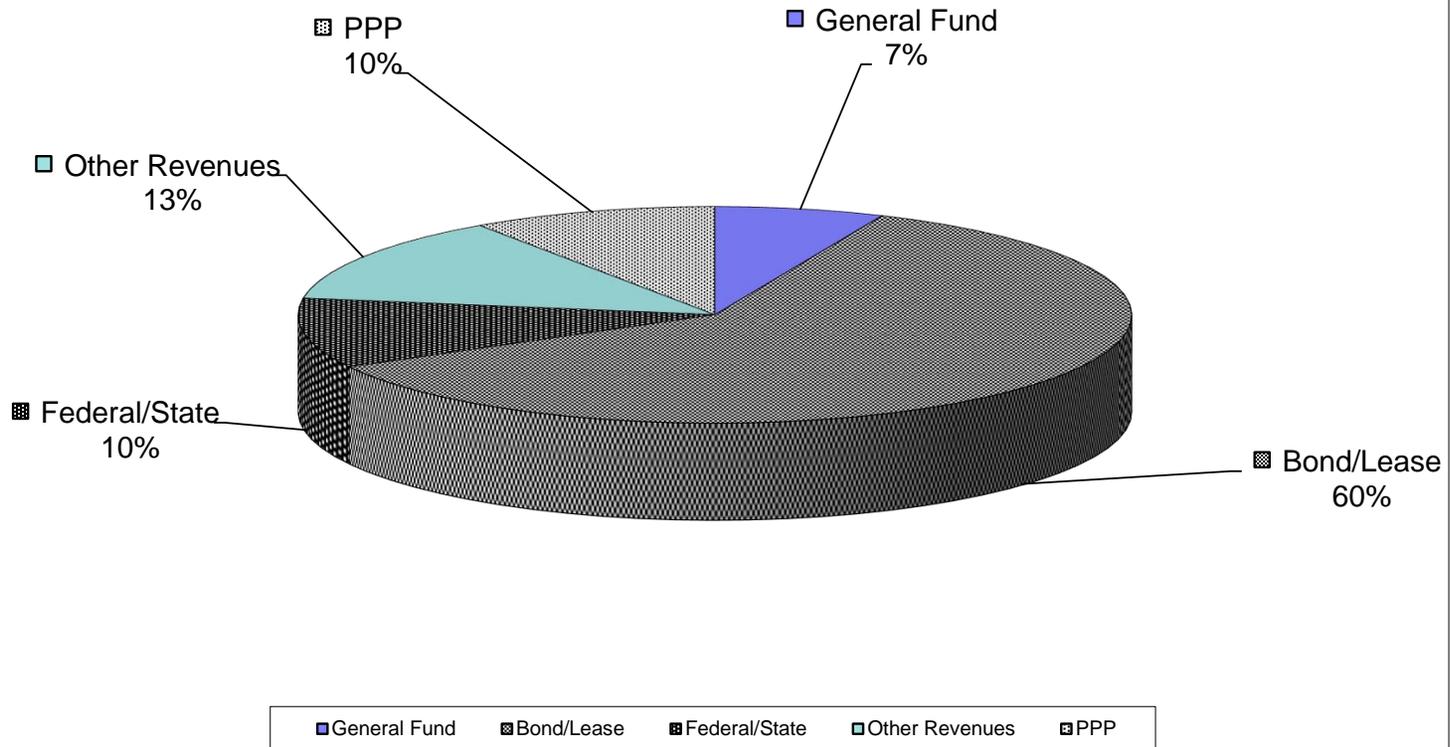
ENTERPRISE FUNDS

	WATER FUND	\$0	\$500,000	\$2,700,000	\$0	\$0	\$0	\$3,200,000	\$1,300,000	\$8,200,000	\$4,700,000	\$2,650,000	\$450,000	\$20,500,000
	SEWER FUND	\$0	\$450,000	\$8,800,000	\$0	\$0	\$0	\$9,250,000	\$3,350,000	\$2,350,000	\$3,800,000	\$18,500,000	\$10,000,000	\$47,250,000
V.	TOTAL ENTERPRISE FUNDS	\$0	\$950,000	\$11,500,000	\$0	\$0	\$0	\$12,450,000	\$4,650,000	\$10,550,000	\$8,500,000	\$21,150,000	\$10,450,000	\$67,750,000

GRAND TOTAL:

\$1,635,000	\$950,000	\$26,500,000	\$2,600,000	\$3,225,908	\$2,375,000	\$37,285,908	\$27,614,408	\$35,357,708	\$21,335,208	\$42,066,308	\$28,656,208	\$192,315,748
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FY 2019 CIP Distribution (Non-Enterprise Funds)



	General Fund	Bond/Lease	Federal/State	Other Revenues	PPP	Totals
Amount	\$1,635,000	\$15,000,000	\$2,600,000	\$3,225,908	\$2,375,000	\$24,835,908
% of Total	7%	60%	11%	13%	10%	

**Capital Improvements
Fiscal Year 2019
Taken from Capital Improvement Plan 2019-2024
General Fund, Capital Outlay Projects Only FYs 13-19**

CIP PAGE	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Total FY's 13-18 (6 Prior years)	Department Request FY 19	CIP Advisory Committee 12/6/2017	CIP Advisory Committee Recommended	City Council Amended 3/5/2018	City Council Adopted 3/5/2018	City Council Amended 6/4/2018	City Council Adopted 6/4/2018							
44	VEHICLE REPLACEMENT - FIRE ENGINE REPAIR							\$0	\$60,000		\$60,000		\$60,000		\$60,000						
46	THERMAL IMAGING CAMERA							\$22,000	\$24,000		\$24,000		\$24,000		\$24,000						
47	FIRE PROTECTIVE EQUIPMENT REPLACEMENT							\$60,000	\$60,000		\$60,000		\$60,000		\$60,000						
48	POLICE GYM EQUIPMENT							\$20,000	\$20,000		\$20,000		\$20,000		\$20,000						
	DURABLE MEDICAL EQUIPMENT							\$61,000			\$0		\$0		\$0						
	RECORDS PRESERVATION							\$44,000			\$0		\$0		\$0						
	REPLACE VOTING BOOTHS							\$52,400			\$0		\$0		\$0						
	MUNICIPAL FIRE ALARM SYSTEM: REPAIRS AND IMPROVEMENTS							\$60,000			\$0		\$0		\$0						
	TRAFFIC PRE-EMPTION SYSTEM UPGRADES							\$30,000			\$0		\$0		\$0						
	RESTORATION - 1870 AMOSKEAG STEAM ENGINE #3							\$25,000			\$0		\$0		\$0						
	SCBA REPLACEMENT PROGRAM							\$200,000			\$0		\$0		\$0						
	RADIO SYSTEM IMPROVEMENTS							\$70,000			\$0		\$0		\$0						
Total Equipment and Vehicle								\$135,000	\$160,000	\$60,000	\$30,000	\$157,400	\$102,000	\$644,400	\$164,000	\$0	\$164,000	\$0	\$164,000	\$0	\$164,000

**Capital Improvements
Fiscal Year 2019
Taken from Capital Improvement Plan 2019-2024
General Fund, Capital Outlay Projects Only FYs 13-19**

CIP PAGE	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Total FY's 13-18	Department Request FY 19	CIP Advisory Committee 12/6/2017	CIP Advisory Committee Recommended	City Council Amended 3/5/2018	City Council Adopted 3/5/2018	City Council Amended 6/4/2018	City Council Adopted 6/4/2018
56						\$50,000	\$50,000	\$50,000		\$50,000		\$50,000		\$50,000
57						\$50,000	\$50,000	\$88,000		\$88,000		\$88,000		\$88,000
58							\$0	\$25,000		\$25,000		\$25,000		\$25,000
59	\$25,000	\$25,000			\$25,000	\$0	\$75,000	\$25,000	-\$25,000	\$0		\$0		\$0
60						\$50,000	\$50,000	\$25,000		\$25,000		\$25,000		\$25,000
61							\$0	\$300,000	-\$50,000	\$250,000		\$250,000	-\$250,000	\$0
62							\$0	\$75,000		\$75,000		\$75,000		\$75,000
67	\$37,500	\$37,500	\$50,000	\$50,000	\$25,000	\$37,500	\$237,500	\$75,000		\$75,000	-\$75,000	\$0		\$0
68	\$37,500	\$37,500	\$50,000	\$50,000	\$25,000	\$37,500	\$237,500	\$75,000		\$75,000	-\$75,000	\$0		\$0
69							\$0	\$0	\$25,000	\$25,000		\$25,000		\$25,000
70	\$87,500		\$87,500	\$80,000	\$80,000	\$80,000	\$415,000	\$100,000	-\$50,000	\$50,000		\$50,000		\$50,000
71							\$0	\$75,000	-\$25,000	\$50,000		\$50,000		\$50,000
73							\$0	\$150,000	-\$100,000	\$50,000		\$50,000		\$50,000
74				\$25,000		\$25,000	\$50,000	\$50,000		\$50,000		\$50,000		\$50,000
75	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$20,000		\$20,000		\$20,000		\$20,000
76							\$0	\$100,000		\$100,000		\$100,000	-\$50,000	\$50,000
77							\$0	\$150,000		\$150,000		\$150,000	-\$50,000	\$100,000
80	\$10,000	\$10,000	\$50,000	\$40,000	\$40,000	\$40,000	\$190,000	\$25,000		\$25,000	-\$25,000	\$0		\$0
84							\$0	\$50,000		\$50,000		\$50,000		\$50,000
86			\$50,000	\$200,000	\$200,000	\$200,000	\$650,000	\$200,000		\$200,000		\$200,000		\$200,000
	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000		\$0		\$0		\$0	
				\$50,000	\$25,000	\$25,000	\$100,000		\$0		\$0		\$0	
			\$75,000	\$100,000			\$175,000		\$0		\$0		\$0	
						\$50,000	\$50,000		\$0		\$0		\$0	
				\$50,000		\$50,000	\$100,000		\$0		\$0		\$0	
				\$50,000			\$50,000		\$0		\$0		\$0	
				\$10,000			\$10,000		\$0		\$0		\$0	
				\$15,000			\$15,000		\$0		\$0		\$0	
			\$50,000	\$50,000			\$100,000		\$0		\$0		\$0	
	\$50,000	\$75,000	\$100,000	\$50,000			\$275,000		\$0		\$0		\$0	
			\$50,000				\$50,000		\$0		\$0		\$0	
		\$25,000					\$25,000		\$0		\$0		\$0	
		\$50,000	\$50,000				\$100,000		\$0		\$0		\$0	
			\$50,000				\$50,000		\$0		\$0		\$0	
		\$100,000					\$100,000		\$0		\$0		\$0	
		\$75,000					\$75,000		\$0		\$0		\$0	
		\$100,000					\$100,000		\$0		\$0		\$0	
	\$175,000						\$175,000		\$0		\$0		\$0	
	\$50,000						\$50,000		\$0		\$0		\$0	
Total Buildings and Infrastructure	\$517,500	\$580,000	\$707,500	\$915,000	\$515,000	\$740,000	\$3,975,000	\$1,658,000	-\$225,000	\$1,433,000	-\$175,000	\$1,258,000	-\$350,000	\$908,000

**Capital Improvements
Fiscal Year 2019
Taken from Capital Improvement Plan 2019-2024
General Fund, Capital Outlay Projects Only FYs 13-19**

CIP PAGE		FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Total FY's 13-18	Department Request FY 19	CIP Advisory Committee 12/6/2017	CIP Advisory Committee Recommended	City Council Amended 3/5/2018	City Council Adopted 3/5/2018	City Council Amended 6/4/2018	City Council Adopted 6/4/2018
	IV. TRANSPORTATION MANAGEMENT (TSM)														
104	BICYCLE/PEDESTRIAN PLAN IMPLEMENTATION						\$50,000	\$50,000	\$50,000	-\$20,000	\$30,000		\$30,000		\$30,000
111	SPINNEY ROAD NEW SIDEWALK CONSTRUCTION		\$100,000		\$125,000			\$225,000	\$175,000		\$175,000		\$175,000		\$175,000
113	ELWYN PARK SIDEWALKS PHASE I							\$0	\$20,000		\$20,000		\$20,000	-\$20,000	\$0
118	CITYWIDE TRAFFIC SIGNAL UPGRADE PROGRAM	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$100,000		\$100,000		\$100,000		\$100,000
120	RUSSELL-MARKET INTERSECTION UPGRADES							\$0	\$200,000		\$200,000		\$200,000		\$200,000
	CATE ST CONNECTOR							\$0			\$0		\$0		\$0
	LONGMEADOW ROAD EXTENSION		\$100,000	\$25,000	\$75,000	\$50,000		\$250,000			\$0		\$0		\$0
	HAMPTON BRANCH RAIL TRAIL			\$150,000	\$56,000	\$113,000	\$225,000	\$544,000			\$0		\$0		\$0
	MARKET SQUARE UPGRADE			\$50,000	\$50,000			\$100,000			\$0		\$0		\$0
	ELWYN PARK SIDEWALKS PHASE I						\$20,000	\$20,000			\$0		\$0		\$0
	CITYWIDE INTERSECTION IMPROVEMENTS		\$100,000		\$100,000		\$100,000	\$300,000			\$0		\$0		\$0
	WOODBURY AVE/MARKET ST PEDESTRIAN INTERSECTION IMPROVEMENT						\$219,000	\$219,000			\$0		\$0		\$0
	BRIDGE MASTER PLAN/IMPROVEMENTS					\$75,000	\$100,000	\$175,000			\$0		\$0		\$0
	LED STREETLIGHT CONVERSION						\$181,000	\$181,000			\$0		\$0		\$0
	SIGN INVENTORY						\$45,000	\$45,000			\$0		\$0		\$0
	CHESTNUT STREET PEDESTRIAN CONNECTOR					\$50,000	\$50,000	\$100,000			\$0		\$0		\$0
	BANFIELD ROAD IMPROVMENTS			\$50,000				\$50,000			\$0		\$0		\$0
	NORTH MILL POND MULTI-USE PATH					\$100,000		\$100,000			\$0		\$0		\$0
	INTERSECTION UPGRADE: AT-GRADE CROSSING			\$76,800	\$77,000	\$30,000		\$183,800			\$0		\$0		\$0
	NEW FRANKLIN/WOODBURY CORRIDOR IMPROVEMENTS					\$80,000		\$80,000			\$0		\$0		\$0
	MARKET ST GATEWAY IMPROVEMENTS	\$120,000		\$120,000		\$117,000		\$357,000			\$0		\$0		\$0
	ISLINGTON STREET-STREETSCAPE IMPROVEMENTS	\$100,000		\$100,000		\$200,000		\$400,000			\$0		\$0		\$0
	PEVERLY HILL ROAD IMPROVEMENTS					\$300,000		\$300,000			\$0		\$0		\$0
	DOWNTOWN MAPLEWOOD AVE COMPLETE STREET				\$167,000			\$167,000			\$0		\$0		\$0
	BICYCLE/PEDESTRIAN PLAN IMPLEMENTATION			\$50,000	\$0			\$50,000			\$0		\$0		\$0
	MIDDLE ST BICYCLE LANES		\$25,000	\$25,000				\$50,000			\$0		\$0		\$0
	DOWNTOWN SIGNAGE AND PEDESTRIAN WAYFINDING SYSTEM	\$0	\$100,000					\$100,000			\$0		\$0		\$0
	ATLANTIC HEIGHTS NEIGHBORHOOD EMERGENCY ACCESS ROUTE			\$50,000				\$50,000			\$0		\$0		\$0
	WOODBURY AVE TURNING LANES	\$50,000						\$50,000			\$0		\$0		\$0
	Total Transportation Management	\$370,000	\$525,000	\$796,800	\$750,000	\$1,215,000	\$1,090,000	\$4,746,800	\$545,000	-\$20,000	\$525,000	\$0	\$525,000	-\$20,000	\$505,000

**Capital Improvements
Fiscal Year 2019
Taken from Capital Improvement Plan 2019-2024
General Fund, Capital Outlay Projects Only FYs 13-19**

CIP PAGE	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	Total FY's 13-18	Department Request FY 19	CIP Advisory Committee 12/6/2017	CIP Advisory Committee Recommended	City Council Amended 3/5/2018	City Council Adopted 3/5/2018	City Council Amended 6/4/2018	City Council Adopted 6/4/2018
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SUMMARY

TOTALS PER SECTION

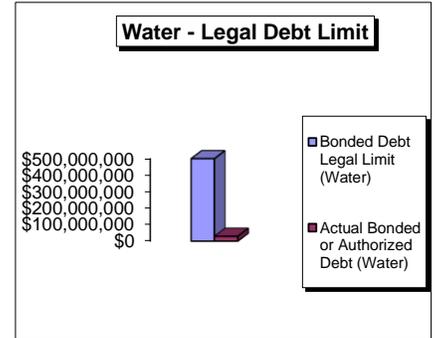
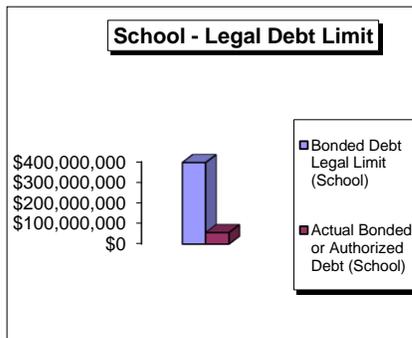
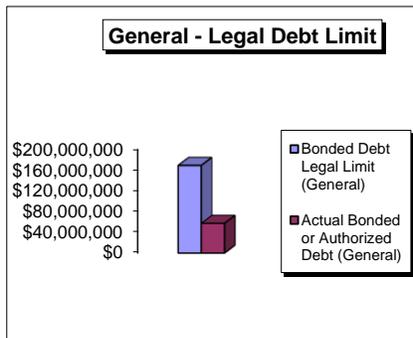
I.	EQUIPMENT AND VEHICLE SCHEDULE	\$135,000	\$160,000	\$60,000	\$30,000	\$157,400	\$102,000	\$644,400	\$164,000	\$0	\$164,000	\$0	\$164,000	\$0	\$164,000
II.	BUILDING & INFRASTRUCTURE	\$517,500	\$580,000	\$707,500	\$915,000	\$515,000	\$740,000	\$3,975,000	\$1,658,000	-\$225,000	\$1,433,000	-\$175,000	\$1,258,000	-\$350,000	\$908,000
IV.	TRANSPORTATION MANAGEMENT PLAN	\$370,000	\$525,000	\$796,800	\$750,000	\$1,215,000	\$1,090,000	\$4,746,800	\$545,000	-\$20,000	\$525,000	\$0	\$525,000	-\$20,000	\$505,000
v.	CAPITAL CONTINGENCY	\$0	\$100,000	\$35,700	\$70,000	\$112,600	\$53,000	\$371,300	\$100,000	-\$42,000	\$58,000	\$0	\$58,000	\$0	\$58,000
	TOTAL	\$1,022,500	\$1,365,000	\$1,600,000	\$1,765,000	\$2,000,000	\$1,985,000	\$9,737,500	\$2,467,000	-\$287,000	\$2,180,000	-\$175,000	\$2,005,000	-\$370,000	\$1,635,000

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CITY OF PORTSMOUTH, NEW HAMPSHIRE
Computation of Legal Debt Margin
As of June 30, 2017

Modified local assessed valuation	\$	4,791,313,051
Department of Revenue Administration inventory adjustment	\$	<u>860,666,719</u>
Equalized assessed valuation	\$	5,651,979,770
Adjustment: RSA 31-A	\$	<u>-</u>
Base valuation for debt limit (1)	\$	<u>5,651,979,770</u>

	<u>3.0% of base (General Debt)</u>	<u>7.0% of base (School Debt) (2)</u>	<u>10% of base (Water Fund) (3) (4)</u>
Bonded debt limit -	<u>\$169,559,393</u>	<u>\$395,638,584</u>	<u>\$565,197,977</u>
Gross bonded debt June 30	\$34,871,927	\$50,962,635	\$29,832,268
Less:			
Landfill (5)	\$458,427		
Sub-total	<u>\$34,413,500</u>	<u>\$50,962,635</u>	<u>\$29,832,268</u>
Authorized but unissued			
Deer Street Parking Facility	\$23,200,000		
Elementary School Upgrades		\$5,000,000	
Total Authorized unissued	<u>\$23,200,000</u>	<u>\$5,000,000</u>	<u>\$0</u>
Total debt applicable to limitation	<u>\$57,613,500</u>	<u>\$55,962,635</u>	<u>\$29,832,268</u>
% Debt used of limitation	34%	14%	5%
Legal Debt Margin	<u><u>\$111,945,893</u></u>	<u><u>\$339,675,949</u></u>	<u><u>\$535,365,709</u></u>
Legal Debt Margin %	66%	86%	95%



- (1) The equalization of all taxable property in the State of New Hampshire is conducted annually by the New Hampshire Department of Revenue Administration under the provisions of RSA 21-J: 3(XIII).
- (2) Subject to a separate debt limit of 7% of the City's base valuation per RSA 33:4-a
- (3) Enterprise funds.
- (4) Subject to a separate debt limit of 10% of the City's base valuation per RSA 33:5-a.
- (5) Exempt per RSA 33:5-b.

CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL

			<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
ISSUED DEBT									
GENERAL FUND-Issued Debt									
General Government									
06/15/08 08 Improvements	3.46%	2,500,000							
Principal-Last Pmt FY 18			250,000						
Interest			10,000						
11/18/98 Coakley OU-1 20 yr		3,605,773							
Principal-Last Pmt FY 19			180,289	180,289					
Interest-State recalculated interest starting in FY 15 saving \$62,049			3,065	1,532					
06/15/09 09 Improvements	2.96%	3,500,000							
Principal-Last Pmt FY 19			350,000	350,000					
Interest			35,000	17,500					
05/15/10 10 Improvements	2.48%	1,800,000							
Principal-Last Pmt FY 20			180,000	180,000	180,000				
Interest			24,300	16,200	8,100				
07/01/00 Coakley OU-2 20 yr		652,330							
Principal-Last Pmt FY 20			32,617	32,617	32,617				
Interest-State recalculated interest starting in FY 15 saving \$14,961			998	665	333				
06/15/16 Fire Apparatus	1.13%	523,290							
Principal-Last Pmt FY 21			105,000	105,000	105,000	100,000			
Interest			15,550	12,400	8,200	4,000			
12/14/11 11 Improvements	1.91%	6,400,000							
Principal-Last Pmt FY 22			640,000	640,000	640,000	640,000	640,000		
Interest			112,000	96,000	76,800	48,000	16,000		
06/23/17 FY 17 Fire Apparatus	1.26%	400,000							
Principal-Last Pmt FY 22			80,000	80,000	80,000	80,000	80,000		
Interest			15,644	12,800	9,600	6,400	3,200		
06/27/13 13 Improvements	1.69%	2,267,000							
Principal-Last Pmt FY 23			225,000	225,000	225,000	225,000	225,000	225,000	
Interest			40,500	33,750	27,000	20,250	13,500	6,750	
06/25/14 14 Improvements	1.78%	5,750,000							
Principal-Last Pmt FY 24			575,000	575,000	575,000	575,000	575,000	575,000	575,000
Interest			184,000	155,250	143,750	115,000	86,250	57,500	28,750
06/23/15 15 Improvements	2.10%	3,475,000							
Principal-Last Pmt FY 25			350,000	350,000	350,000	345,000	345,000	345,000	345,000
Interest			104,100	90,100	76,100	62,100	55,200	41,400	27,600
06/23/15 Library-Refunded	2.09%	3,685,000							
Principal-Last Pmt FY 26			350,000	345,000	340,000	340,000	330,000	325,000	320,000
Interest			95,850	81,950	68,250	58,050	49,700	39,875	30,200
06/15/16 16 Improvements	1.38%	6,100,000							
Principal-Last Pmt FY 26			610,000	610,000	610,000	610,000	610,000	610,000	610,000
Interest			213,500	195,200	170,800	146,400	122,000	97,600	73,200
06/23/17 17 Fire Station 3 Improvements	1.62%	610,000							
Principal-Last Pmt FY 27			65,000	65,000	60,000	60,000	60,000	60,000	60,000
Interest			23,858	21,800	19,200	16,800	14,400	12,000	9,600
06/23/17 17 Improvements	1.62%	6,850,000							
Principal-Last Pmt FY 27			685,000	685,000	685,000	685,000	685,000	685,000	685,000
Interest			267,911	246,600	219,200	191,800	164,400	137,000	109,600
06/15/16 Fire Station 2 Replacement-Refunded	1.56%	1,713,000							
Principal-Last Pmt FY 28			188,500	175,000	175,000	175,000	171,500	170,000	170,000
Interest			69,165	61,660	54,660	47,660	40,660	33,800	27,000
06/15/16 Fire Station 2 Land-Refunded	1.56%	619,000							
Principal-Last Pmt FY 28			66,500	65,000	65,000	65,000	63,500	60,000	60,000
Interest			24,885	22,240	19,640	17,040	14,440	11,900	9,500
06/15/16 Fire Station 2 Replacement-Refunded	1.56%	708,500							
Principal-Last Pmt FY 29			75,000	75,000	75,000	75,000	70,000	70,000	70,000
Interest			33,590	29,840	26,090	23,840	22,340	19,540	16,740
Total General Fund-Gen Gov Issued Debt Principal Due			5,007,905	4,737,905	4,197,617	3,975,000	3,855,000	3,125,000	2,895,000
Total General Fund-Gen Gov Issued Debt Interest Due			1,273,916	1,095,488	927,723	757,340	602,090	457,365	332,190
Total General Fund-Gen Gov Issued Debt			6,281,821	5,833,393	5,125,339	4,732,340	4,457,090	3,582,365	3,227,190

GENERAL FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL**

	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
Schools							
10/21/14 15 School Building Improvements	2.09%	375,000					
Principal-Last Pmt FY 18	3 Yr	127,635					
Interest		2,705					
06/15/08 08 School Building Improvements	3.46%	500,000					
Principal-Last Pmt FY 18	10 Yr	50,000					
Interest		2,000					
05/15/10 10 School Building Improvements	2.48%	500,000					
Principal-Last Pmt FY 20	10 Yr	50,000	50,000	50,000			
Interest		6,750	4,500	2,250			
06/27/13 13 School Building Improvements	1.69%	500,000					
Principal-Last Pmt FY 23	10 Yr	50,000	50,000	50,000	50,000	50,000	50,000
Interest		9,000	7,500	6,000	4,500	3,000	1,500
05/17/12 High School Renovations-Refunding	1.78%	17,325,000					
Principal-Last Pmt FY 23	10 YR	1,720,000	1,700,000	1,690,000	1,680,000	1,665,000	1,650,000
Interest		369,800	301,400	233,600	166,200	99,300	33,000
06/23/15 15 School Field Lighting	2.10%	750,000					
Principal-Last Pmt FY 25	10 Yr	75,000	75,000	75,000	75,000	75,000	75,000
Interest		22,500	19,500	16,500	13,500	12,000	9,000
06/15/16 16 School Building Improvements	1.37%	500,000					
Principal-Last Pmt FY 26	10 Yr	50,000	50,000	50,000	50,000	50,000	50,000
Interest		17,500	16,000	14,000	12,000	10,000	8,000
05/15/10 Middle School Renovation	3.34%	15,000,000					
Principal-Last Pmt FY 30	20 YR	750,000	750,000	750,000	750,000	750,000	750,000
Interest		367,500	333,750	300,000	266,250	243,750	219,375
12/14/11 Middle School Renovation	3.00%	22,500,000					
Principal-Last Pmt FY 32	20 YR	1,125,000	1,125,000	1,125,000	1,125,000	1,125,000	1,125,000
Interest		586,406	558,281	524,531	473,906	417,656	372,656
06/25/14 Middle School Renovation	2.87%	3,300,000					
Principal-Last Pmt FY 34	20 YR	165,000	165,000	165,000	165,000	165,000	165,000
Interest		120,450	112,200	108,900	100,650	92,400	84,150
06/15/16 16 Elementary Schools Renovations	2.14%	5,000,000					
Principal-Last Pmt FY 36	20 YR	250,000	250,000	250,000	250,000	250,000	250,000
Interest		152,500	145,000	135,000	125,000	115,000	105,000
06/23/17 17 Elementary Schools Renovations	2.56%	5,000,000					
Principal-Last Pmt FY 37	20 YR	250,000	250,000	250,000	250,000	250,000	250,000
Interest		166,528	160,313	150,313	140,313	130,313	120,313
Total General Fund-School Issued Debt Principal Due		4,662,635	4,465,000	4,455,000	4,395,000	4,380,000	4,365,000
Total General Fund-School Issued Debt Interest Due		1,823,639	1,658,444	1,491,094	1,302,319	1,123,419	952,994
Total General Fund-School Issued Debt		6,486,274	6,123,444	5,946,094	5,697,319	5,503,419	5,317,994
Total General Fund- Issued Debt Principal Due		9,670,540	9,202,905	8,652,617	8,370,000	8,235,000	7,490,000
Total General Fund-Issued Debt Interest Due		3,097,554	2,753,932	2,418,816	2,059,659	1,725,509	1,410,359
Total General Fund-Issued Debt		12,768,095	11,956,837	11,071,433	10,429,659	9,960,509	8,900,359
Issued Debt Related Revenues							
GF Use of Unused Bond Proceeds							
GF Coakley Landfill State Aid		(38,077)	(37,067)				
GF Use of Debt Reserve		(2,400,000)	(2,123,000)	(1,700,000)	(1,900,000)	(1,900,000)	(1,762,714)
GF School Building Aid (High School 55%)		(1,016,222)	(1,016,222)	(1,016,222)	(1,016,222)	(1,016,222)	(1,016,222)
GF School Building Aid on \$15m (Middle School 40%)		(302,873)	(302,873)	(302,873)	(302,873)	(302,873)	(302,873)
GF School Building Aid on \$22.5m (Middle School 40%)		(451,210)	(451,210)	(451,210)	(451,210)	(451,210)	(451,210)
GF School Building Aid on \$3.3m (Middle School Estimate 40%)		(66,000)	(66,000)	(66,000)	(66,000)	(66,000)	(66,000)
Total Issued Debt Related Revenues-General Fund		(4,274,382)	(3,996,372)	(3,536,305)	(3,736,305)	(3,736,305)	(2,582,797)
Total Net Issued Debt-General Fund		8,493,713	7,960,464	7,535,128	6,693,354	6,224,204	5,164,054

GENERAL FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL**

		<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
<u>GENERAL FUND-Projected Future Debt</u>								
	Issued Difference Budgeted vs actual	4,309						
5 yr 3.75%	FY 18-FIRE BOAT	180,000	3,375	42,075	40,725	39,375	38,025	36,675
	<u>Authorized 04/16/18</u>							
20 yr 3.75%	FY 18-ELEMENTARY SCHOOL UPGRADES	5,000,000	93,750	437,500	428,125	418,750	409,375	400,000
	<u>Authorized 04/3/17</u>							
10 yr 3.75%	FY 18-HIGH SCHOOL ATHLETIC FIELD LIGHTING	550,000	10,313	75,625	73,563	71,500	69,438	67,375
	<u>Authorized 07/10/17</u>							
10 yr 3.75%	FY 18-MAPLEWOOD AVE COMPLETE STREET	450,000	8,438	61,875	60,188	58,500	56,813	55,125
10 yr 3.75%	FY 18-NORTH POND MULTI USE PATH	500,000	9,375	68,750	66,875	65,000	63,125	61,250
10 yr 3.75%	FY 18-NEW FRANKLIN/WOODBURY CORRIDOR IMPROVEMENTS	500,000	9,375	68,750	66,875	65,000	63,125	61,250
10 yr 3.75%	FY 18-MCDONOUGH STREET IMPROVEMENTS	800,000	15,000	110,000	107,000	104,000	101,000	98,000
10 yr 3.75%	FY 18-ISLINGTON STREET-STREETScape IMPROVEMENTS	2,500,000	46,875	343,750	334,375	325,000	315,625	306,250
10 yr 3.75%	FY 18-CITY FIELDS LIGHTING	600,000	11,250	82,500	80,250	78,000	75,750	73,500
10 yr 3.75%	FY 18-CITYWIDE SIDEWALK RECONSTRUCTION PROGRAM	800,000	15,000	110,000	107,000	104,000	101,000	98,000
10 yr 3.75%	FY 18-LAFAYETTE RD/ANDREW JARVIS INTERSECTION	800,000	15,000	110,000	107,000	104,000	101,000	98,000
10 yr 3.75%	FY 18-HOOVER/TAFT DRAINAGE UPGRADE	250,000	4,688	34,375	33,438	32,500	31,563	30,625
10 yr 3.75%	FY 18-PLEASANT STREET RECONSTRUCTION	750,000	14,063	103,125	100,313	97,500	94,688	91,875
10 yr 3.75%	FY 18-STREET PAVING, MANAGEMENT AND REHABILITATION	3,000,000	56,250	412,500	401,250	390,000	378,750	367,500
	<u>Authorized 07/10/17</u>	6,200,000						
20 yr 3.75%	FY 19-Elementary Schools Upgrade	5,000,000	93,750	432,813	423,438	414,063	404,688	395,313
	<u>Authorized 04/16/18</u>							
5 yr 3.75%	FY 19-FIRE ENGINE #6	600,000	11,250	140,250	135,750	131,250	126,750	122,250
10 yr 3.75%	FY 19-Fire Station One Renovation	325,000	6,094	44,078	42,859	41,641	40,422	39,203
10 yr 3.75%	FY 19-School Facilities Capital Improvements	500,000	9,375	67,813	65,938	64,063	62,188	60,313
20 yr 3.75%	FY 19-Prescott Park Facilities Capital Improvements	2,325,000	43,594	201,258	196,898	192,539	188,180	183,820
10 yr 3.75%	FY 19-Outdoor Pool	1,000,000	18,750	135,625	131,875	128,125	124,375	120,625
10 yr 3.75%	FY 19-City Hall Electrical Upgrades	600,000	11,250	81,375	79,125	76,875	74,625	72,375
10 yr 3.75%	FY 19-Citywide Bridge Improvements	350,000	6,563	47,469	46,156	44,844	43,531	42,219
10 yr 3.75%	FY 19-Longmeadow Road Extension	400,000	7,500	54,250	52,750	51,250	49,750	48,250
10 yr 3.75%	FY 19-Peverly Hill Road Improvements	2,200,000	41,250	298,375	290,125	281,875	273,625	265,375
10 yr 3.75%	FY 19-Market Street Gateway Improvement	1,700,000	31,875	230,563	224,188	217,813	211,438	205,063
	Total FY 19 New Bonding	10,000,000						
20 yr 3.75%	FY 20-Elementary Schools Upgrade	2,000,000		37,500	173,125	169,375	165,625	161,875
20 yr 3.75%	FY 20-Prescott Park Facilities Capital Improvements	1,750,000		32,813	151,484	148,203	144,922	141,641
10 yr 3.75%	FY 20-Recycling & Solid Waste Transfer Station	2,750,000		51,563	372,969	362,656	352,344	342,031
10 yr 3.75%	FY 20-Citywide Facilities Capital Improvements	1,000,000		18,750	135,625	131,875	128,125	124,375
10 yr 3.75%	FY 20-Market Square Upgrade	1,000,000		18,750	135,625	131,875	128,125	124,375
10 yr 3.75%	FY 20-Citywide Sidewalk Reconstruction Program	800,000		15,000	108,500	105,500	102,500	99,500
10 yr 3.75%	FY 20-Russell/Market Intersection Upgrades	1,000,000		18,750	135,625	131,875	128,125	124,375
10 yr 3.75%	FY 20-Peverly Hill Road Improvements	2,300,000		43,125	311,938	303,313	294,688	286,063
10 yr 3.75%	FY 20-Street Paving, Management and Rehabilitation	3,000,000		56,250	406,875	395,625	384,375	373,125
10 yr 3.75%	FY 20-Pease Tradeport Street Rehabilitation	750,000		14,063	101,719	98,906	96,094	93,281
	Total FY 20 New Bonding	16,350,000						

GENERAL FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL**

		<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
5 yr 3.75%	FY 21-Fire Engine #4				12,188	151,938	147,063	142,188
20 yr 3.75%	FY 21-New Police Station				206,250	952,188	931,563	910,938
20 yr 3.75%	FY 21-Prescott Park Facilities Capital Improvements				19,688	90,891	88,922	86,953
10 yr 3.75%	FY 21-Cate Street Connector				15,000	108,500	105,500	102,500
	Total FY 21 New Bonding							
10 yr 3.75%	FY 22-School Facilities Capital Improvements					9,375	67,813	65,938
20 yr 3.75%	FY 22-Prescott Park Facilities Capital Improvements					14,063	64,922	63,516
10 yr 3.75%	FY 22-Citywide Sidewalk Reconstruction Program					15,000	108,500	105,500
10 yr 3.75%	FY 22-Street Paving, Management and Rehabilitation					56,250	406,875	395,625
10 yr 3.75%	FY 22-Islington Street Phase 2					37,500	271,250	263,750
10 yr 3.75%	FY 22-Pease Tradeport Street Rehabilitation					14,063	101,719	98,906
	Total FY 22 New Bonding							
20 yr 3.75%	FY 23-Prescott Park Facilities Capital Improvements						16,875	77,906
10 yr 3.75%	FY 23-Outdoor Recreation Fields-City Owned Campus Drive						37,500	271,250
10 yr 3.75%	FY 23-Citywide Facilities Capital Improvements						18,750	135,625
10 yr 3.75%	FY 23-North Mill Pond Multi-Use Path						46,875	339,063
10 yr 3.75%	FY 23-US Route 1 New Side Path Construction						18,750	135,625
10 yr 3.75%	FY 23-Peirce Island Bridge Replacement						31,500	227,850
	Total FY 23 New Bonding							
20 yr 3.75%	FY 24-Prescott Park Facilities Capital Improvements							15,938
10 yr 3.75%	FY 24-Bleachers/Grandstands							18,750
10 yr 3.75%	FY 24-Elwyn Park Sidewalks Phase I							18,375
10 yr 3.75%	FY 24-Elwyn Road Sidewalk Extension							28,125
10 yr 3.75%	FY 24-Banfield Rd Pedestrian Accomidations							7,031
10 yr 3.75%	FY 24-Citywide Sidewalk Reconstruction Program							15,000
20 yr 3.75%	FY 24-Maplewood Avenue Culvert Replacement							67,500
10 yr 3.75%	FY 24-Street Paving, Management and Rehabilitation							56,250
10 yr 3.75%	FY 24-Pease Tradeport Street Rehabilitation							14,063
10 yr 3.75%	FY 24-Junkins Avenue							20,625
	Total FY 24 New Bonding							
	Total Projected Future Debt (FY19-FY24) Does not include FY 18							
	Total General Fund-Projected Future Debt	317,059	1,646,875	4,066,567	5,947,998	6,991,742	7,853,455	8,920,970
	Future Debt Related Revenues							
	Total Future Debt Related Revenues-General Fund	-						
	Total Net Projected Future Debt-General Fund	317,059	1,646,875	4,066,567	5,947,998	6,991,742	7,853,455	8,920,970
	Total Gross Issued and Projected Debt-General Fund	13,085,154	13,603,712	15,138,000	16,377,657	16,952,251	16,753,813	15,640,279
	Total Debt Related Revenues Actual and Projected	(4,274,382)	(3,996,372)	(3,536,305)	(3,736,305)	(3,736,305)	(3,736,305)	(2,582,797)
	Total Net Issued and Projected Debt-General Fund	8,810,772	9,607,339	11,601,695	12,641,352	13,215,946	13,017,508	13,057,482

GENERAL FUND

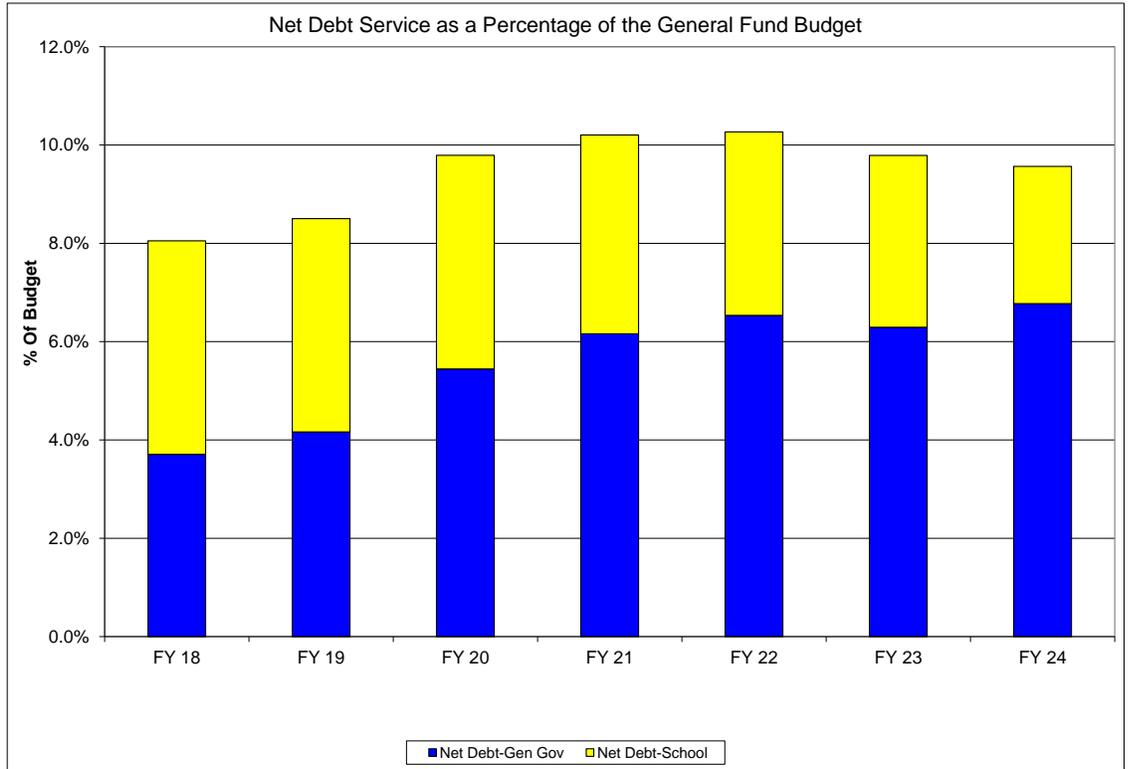
GENERAL FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG TERM DEBT SERVICE FORECAST MODEL**

City of Portsmouth

Net Debt Service as a Percentage of the General Fund Budget

	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
Total Gen Fund Without Debt Service (increase 3.99% in FY 19 and beyond)	96,363,451	99,405,381	103,371,656	107,496,185	111,785,283	116,245,515	120,883,711
Existing Debt Service-School	6,486,274	6,123,444	5,946,094	5,697,319	5,503,419	5,317,994	3,492,119
Existing Debt Service-Gen Gov	6,281,821	5,833,393	5,125,339	4,732,340	4,457,090	3,582,365	3,227,190
Projected Debt Service-School	104,063	616,250	1,039,813	1,152,750	1,135,688	1,167,688	1,139,375
Projected Debt Service-Gen Gov	212,997	1,030,625	3,026,755	4,795,248	5,856,055	6,685,767	7,781,595
Total Gross Debt Service	13,085,154	13,603,712	15,138,000	16,377,657	16,952,251	16,753,813	15,640,279
Total Net Debt	8,810,772	9,607,339	11,601,695	12,641,352	13,215,946	13,017,508	13,057,482
Total Projected General Fund Budget	109,448,605	113,009,093	118,509,656	123,873,842	128,737,533	132,999,329	136,523,990
Percentage Net Debt-School of Budget	4.34%	4.34%	4.35%	4.05%	3.73%	3.50%	2.79%
Percentage Net Debt-Gen Gov of Budget	3.71%	4.16%	5.44%	6.16%	6.54%	6.29%	6.77%
Total Percentage Net Debt Service of Budget:	8.05%	8.50%	9.79%	10.21%	10.27%	9.79%	9.56%



CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL

	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
<u>ISSUED DEBT</u>							
<u>PARKING & TRANSPORTATION FUND-Issued Debt</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
Total Parking/Trans Fund Issued Debt Principal Due	-	-	-	-	-	-	-
Total Parking/Trans Fund Issued Debt Interest Due	-	-	-	-	-	-	-
Total Parking/TransFund-Issued Debt	-	-	-	-	-	-	-
<u>PROJECTED FUTURE DEBT:</u>							
<u>PARKING/TRANSPORTATION FUND- Projected Future Debt</u>	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
20 yr 3.75% PARKING FACILITY - Foundry Parking Facility <u>Authorized 05/04/15 \$23,200,000 and 08/07/17 \$3,000,000</u>	26,200,000	464,000	1,070,000	2,261,875	2,213,406	2,164,938	2,116,469
20 yr 3.75% High Hanover Upgrades	5,000,000			93,750	432,813	423,438	414,063
Total Parking/Transportation Fund-Projected Future Debt	464,000	1,070,000	2,261,875	2,307,156	2,597,750	2,539,906	2,482,063
<u>Future Debt Related Revenues</u>							
Total Future Debt Related Revenues-Parking/Transportation Fund	-	-	-	-	-	-	-
Total Net Projected Future Debt-Parking/Transportation Fund	464,000	1,070,000	2,261,875	2,307,156	2,597,750	2,539,906	2,482,063
Total Net Issued and Projected Debt-Parking/Transportation Fund	464,000	1,070,000	2,261,875	2,307,156	2,597,750	2,539,906	2,482,063

CITY OF PORTSMOUTH, NEW HAMPSHIRE
 LONG-TERM DEBT SERVICE FORECAST MODEL

	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
<u>ISSUED DEBT</u>							
<u>DEBT SERVICE FUND-Issued Debt</u>							
	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
<u>06/15/16 Commerce Way-Betterment</u> <u>1.39%</u> <u>1,524,710</u>							
Principal-Last Pmt FY 26	135,000	135,000	140,000	150,000	155,000	160,000	165,000
Interest	54,250	50,200	44,800	39,200	33,200	27,000	20,600
Total Debt Service Fund Issued Debt Principal Due	135,000	135,000	140,000	150,000	155,000	160,000	165,000
Total Debt Service Fund Issued Debt Interest Due	54,250	50,200	44,800	39,200	33,200	27,000	20,600
Total Debt Service Fund-Issued Debt	189,250	185,200	184,800	189,200	188,200	187,000	185,600
<u>Issued Debt Related Revenues</u>							
Properties Subject to Commerce Way Betterment Assessment	(189,250)	(185,200)	(184,800)	(189,200)	(188,200)	(187,000)	(185,600)
Total Net Issued Debt Service Fund	-						

WATER FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL
CASH BASIS**

	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
ISSUED DEBT							
WATER FUND-Issued Debt							
05/15/02 SRF-Upgrade Motor Control Center	3.98%	300,000					
Principal-Last Pmt FY 22		15,000	15,000	15,000	15,000	15,000	
Interest		2,982	2,386	1,790	1,193	597	
05/15/02 SRF-Corrosion Control Program	3.80%	288,000					
Principal-Last Pmt FY 22		14,400	14,400	14,400	14,400	14,400	
Interest		2,736	2,189	1,642	1,095	548	
11/01/02 SRF-Constitution Avenue	3.70%	4,800,000					
Principal-Last Pmt FY 23		240,000	240,000	240,000	240,000	240,000	240,000
Interest		53,338	44,448	35,559	26,669	17,780	8,890
12/01/02 SRF-Spinney Tank	3.73%	1,162,560					
Principal-Last Pmt FY 23		58,128	58,128	58,128	58,128	58,128	58,128
Interest		13,003	10,836	8,669	6,502	4,335	2,168
06/01/08 SRF-Madbury Treatment Plant-Desigr	2.49%	2,000,000					
Principal-Last Pmt FY 28		100,000	100,000	100,000	100,000	100,000	100,000
Interest		38,368	34,880	31,392	27,904	24,416	20,928
01/15/09 Madbury Treatment Plant-Refunded	1.56%	7,921,500					
Principal-Last Pmt FY 29		845,000	840,000	795,000	795,000	795,000	795,000
Interest		377,260	335,010	293,010	269,160	253,260	221,460
02/01/12 SRF-Madbury Treatment Plant	2.72%	5,000,000					
Principal-Last Pmt FY 32		250,000	250,000	250,000	250,000	250,000	250,000
Interest		102,000	95,200	88,400	81,600	74,800	68,000
06/25/14 Hobbs Hill Water Tank	2.87%	3,500,000					
Principal-Last Pmt FY 34		175,000	175,000	175,000	175,000	175,000	175,000
Interest		127,750	119,000	115,500	106,750	98,000	89,250
06/23/15 FY 15 Water Improvements	2.99%	4,800,000					
Principal-Last Pmt FY 35		240,000	240,000	240,000	240,000	240,000	240,000
Interest		148,800	139,200	129,600	120,000	115,200	105,600
06/15/16 FY 16 Water Improvements	2.14%	4,100,000					
Principal-Last Pmt FY 36		205,000	205,000	205,000	205,000	205,000	205,000
Interest		125,050	118,900	110,700	102,500	94,300	86,100
06/23/17 FY 17 Water Improvements	2.56%	2,250,000					
Principal-Last Pmt FY 37		115,000	115,000	115,000	115,000	115,000	115,000
Interest		75,228	72,338	67,738	63,138	58,538	53,938
Total Water Fund Issued Debt Principal Due		2,257,528	2,252,528	2,207,528	2,207,528	2,207,528	2,178,128
Total Water Fund Issued Debt Interest Due		1,066,515	974,387	884,000	806,511	741,774	656,334
Total Water Fund-Issued Debt		3,324,043	3,226,915	3,091,528	3,014,039	2,949,302	2,834,462
							2,452,038
PROJECTED FUTURE DEBT:							
WATER FUND-Projected Future Debt							
Issued/Refunded Difference Budgeted vs actual		4,538					
20 yr	FY16-New Castle Water Lines Improvements	3.75%	3,000,000				
20 yr	FY18-Annual Waterline Replacement	3.75%	2,500,000	225,000	211,719	207,031	202,344
10 yr	FY18-Pleasant Street Water Line	3.75%	600,000	84,000	79,125	76,875	74,625
	Authorized 07/19/17						
10 yr	FY19-Annual Waterline Replacement	3.75%	500,000		67,813	65,938	64,063
20 yr	FY19-Water System Pressure and Storage	3.75%	2,200,000		190,438	186,313	182,188
10 yr	FY20-Madbury Well 5	3.75%	750,000		14,063	101,719	98,906
10 yr	FY21-Annual Waterline Replacement	3.75%	500,000			9,375	67,813
20 yr	FY21-New Groundwater Source	3.75%	1,250,000			23,438	108,203
20 yr	FY21-Water Transmission Main Replacement	3.75%	6,000,000			112,500	519,375
20 yr	FY22-New Groundwater Source	3.75%	1,250,000				23,438
20 yr	FY22-Willard Avenue Water Mains	3.75%	1,000,000				18,750
20 yr	FY22-Islington Street Phase 2	3.75%	2,000,000				37,500
10 yr	FY23-Annual Waterline Replacement	3.75%	500,000				9,375
10 yr	FY23-Well Station Improvements	3.75%	700,000				13,125
20 yr	FY23-Reservoir Management	3.75%	1,000,000				18,750
Total Projected	17,650,000						
Total Projected Future Debt (FY19-FY24) Does not include pre FY 19							
Total Water Fund-Projected Future Debt		4,538	309,000	563,156	783,188	1,397,203	1,695,438
							1,864,313
Total Issued and Projected Debt Water Fund		3,328,581	3,535,915	3,654,684	3,797,226	4,346,505	4,529,899
							4,316,350

WATER FUND

SEWER FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL
CASH BASIS**

	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
ISSUED DEBT							
SEWER FUND-Issued Debt							
12/21/00 SRF-Pease WWTP	1.02%	6,586,836					
Principal-Last Pmt FY 20			321,450	321,450	321,450		
Interest-State recalculated interest starting in FY 15 total saving \$226,950			9,836	6,558	3,279		
06/11/02 SRF-Sewer Projects Phase 1	1.36%	4,931,361					
Principal-Last Pmt FY 22			246,568	246,568	246,568	246,568	
Interest-State recalculated interest starting in FY 15 total saving \$197,808			16,767	13,413	10,060	6,707	3,353
09/12/12 SRF-SSES - State Street	1.36%	1,500,433					
Principal-Last Pmt FY 23			150,043	150,043	150,043	150,043	
Interest-State recalculated interest starting in FY 15 total saving \$27,268			10,203	8,162	6,122	4,081	2,041
05/04/05 SRF-Sewer Projects Phase 2	1.87%	8,898,110					
Principal-Last Pmt FY 25			444,905	444,905	444,905	444,905	444,905
Interest-State recalculated interest starting in FY 15 total saving \$504,176			66,558	58,238	49,918	41,599	33,279
06/15/16 FY16-Sewer System Improvements	2.01%	1,000,000					
Principal-Last Pmt FY 26			100,000	100,000	100,000	100,000	100,000
Interest			35,000	32,000	28,000	24,000	20,000
06/15/17 FY 17 Goose Bay and Pumping Stations	1.62%	900,000					
Principal-Last Pmt FY 27			90,000	90,000	90,000	90,000	90,000
Interest			35,200	32,400	28,800	25,200	21,600
12/01/08 SRF-Sewer Projects Phase 3	2.38%	5,508,137					
Principal-Last Pmt FY 28			275,407	275,407	275,407	275,407	275,407
Interest-State recalculated interest starting in FY 15 total saving \$306,168			72,102	65,547	58,992	52,437	45,883
12/01/08 SRF-Lower Court Street Loan		688,562					
Principal-Last Pmt FY 28			34,428	34,428	34,428	34,428	34,428
Interest-State recalculated interest starting in FY 15 total saving \$36,048			9,013	8,194	7,375	6,555	5,736
01/01/11 SRF-Rye Line Pump Station Upgrades	2.58%	1,069,714					
Principal-Last Pmt FY 30			53,486	53,486	53,486	53,486	53,486
Interest-State recalculated interest starting in FY 15 total saving \$25,456			17,967	16,585	15,203	13,821	12,439
01/01/11 SRF-201 Facilities Plan Updates		1,000,000					
Principal-Last Pmt FY 30			50,000	50,000	50,000	50,000	50,000
Interest-State recalculated interest starting in FY 15 total saving \$24,288			16,796	15,504	14,212	12,920	11,628
12/16/11 SRF-LTCP Bartlett St. Area Sewer Ext	2.62%	5,290,233					
Principal-Last Pmt FY 31			264,512	264,512	264,512	264,512	264,512
Interest-State recalculated interest starting in FY 15 total saving \$191,222			96,949	90,024	83,099	76,174	69,249
12/14/11 P.I.W.W.T.P. Prel. Eng and LTCP Imp	3.00%	3,000,000					
Principal-Last Pmt FY 32			150,000	150,000	150,000	150,000	150,000
Interest			78,188	74,438	69,938	63,188	55,688
03/19/12 LTCP Contract #3B and Cass St Area	2.31%	8,000,000					
Principal-Last Pmt FY 32			400,000	400,000	400,000	400,000	400,000
Interest			186,500	170,500	154,500	138,500	122,500
06/27/13 LTCP Contract #3C Lincoln Area	2.66%	3,929,000					
Principal-Last Pmt FY 33			200,000	195,000	195,000	195,000	195,000
Interest			95,310	89,310	83,460	77,610	71,760
06/01/14 SRF-LTCP Contract #3C	3.35%	5,595,874					
Principal-Last Pmt FY 33			279,794	279,794	279,794	279,794	279,794
Interest			150,059	140,680	131,302	121,923	112,544
06/25/14 FY 14 Peirce Island WWTP	2.87%	10,000,000					
Principal-Last Pmt FY 34			500,000	500,000	500,000	500,000	500,000
Interest			365,000	340,000	330,000	305,000	280,000
06/25/14 FY 14 Pease WWTP	2.87%	3,500,000					
Principal-Last Pmt FY 34			175,000	175,000	175,000	175,000	175,000
Interest			127,750	119,000	115,500	106,750	98,000
06/23/15 FY 15 Pease WWTP	2.99%	1,000,000					
Principal-Last Pmt FY 35			50,000	50,000	50,000	50,000	50,000
Interest			31,000	29,000	27,000	25,000	24,000
06/15/16 FY 16 Lafayette Rd Pumping Station	2.01%	3,000,000					
Principal-Last Pmt FY 36			150,000	150,000	150,000	150,000	150,000
Interest			91,500	87,000	81,000	75,000	69,000
06/15/17 FY 17 Annual Sewerline	2.56%	2,500,000					
Principal-Last Pmt FY 37			125,000	125,000	125,000	125,000	125,000
Interest			83,264	80,156	75,156	70,156	65,156
Total Interest savings from State recalculation FY 15 - FY 31 \$1,539,384							
Total Sewer Fund Issued Debt Principal Due		4,060,593	4,055,593	4,055,593	3,734,142	3,734,142	3,337,531
Total Sewer Fund Issued Debt Interest Due		1,594,961	1,476,709	1,372,915	1,246,621	1,123,855	1,001,590
Total Sewer Fund-Issued Debt		5,655,554	5,532,302	5,428,507	4,980,763	4,857,998	4,339,121
							4,227,750
Issued Debt Related Revenues							
	<u>FY 18</u>	<u>FY 19</u>	<u>FY 20</u>	<u>FY 21</u>	<u>FY 22</u>	<u>FY 23</u>	<u>FY 24</u>
SEWER Pease Development Authority	(131,863)	(126,672)	(121,481)				
SEWER Pease WWTP-State Aid C-595	(99,386)	(98,402)	(97,420)				
SEWER Phase I-State Aid	(79,000)	(77,994)	(76,989)	(75,983)	(74,977)		
SEWER Phase 2-State Aid C-706	(153,439)	(150,943)	(148,448)	(145,952)	(143,455)	(140,959)	(138,463)
SEWER Rye Line Pump Station C-876	(28,941)	(25,045)	(24,571)	(24,097)	(23,073)	(22,264)	(21,851)
SEWER Lincoln Area Contract 3B C-877	(84,954)	(90,049)	(87,837)	(86,149)	(83,921)	(81,692)	(79,463)
SEWER Lincoln Area Contract 3C C-878	(89,203)	(87,492)	(85,816)	(84,140)	(82,466)	(79,394)	(77,760)
SEWER Cass St Area C-879	(53,412)	(56,610)	(55,560)	(54,159)	(52,758)	(51,357)	(49,956)
Total Issued Debt Related Revenues-Sewer Fund	(720,198)	(713,207)	(698,122)	(470,480)	(460,650)	(375,666)	(367,493)
Total Net Issued Debt-Sewer Fund	4,935,356	4,819,095	4,730,385	4,510,283	4,397,348	3,963,455	3,860,257

SEWER FUND

SEWER FUND

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL
CASH BASIS**

SEWER FUND-Projected Future Debt				FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Issued Difference Budgeted vs actual				5,005						
20 yr	FY17-P.I.W.W.T.P. Upgrades		75,000,000							
	<i>Authorized 03/14/16</i>	SRF								
20 yr	FY18-Peirce Island Wastewater treatment Plant		6,900,000							
	<i>Authorized 07/19/17</i>	SRF								
	less Principal Forgiveness (5%)		(4,095,000)							
	Total SRF		77,805,000	254,680	555,000	672,162	5,708,592	5,540,027	5,453,197	5,366,366
10 yr	FY18-Consent Mitigation	3.75%	400,000		56,000	52,750	51,250	49,750	48,250	46,750
20 yr	FY18-Annual Sewer Line Replacement	3.75%	3,000,000		270,000	254,063	248,438	242,813	237,188	231,563
10 yr	FY 18-Pumping Station	3.75%	700,000		98,000	92,313	89,688	87,063	84,438	81,813
10 yr	FY 18-Union Street Sewer	3.75%	700,000		98,000	92,313	89,688	87,063	84,438	81,813
	<i>Authorized 07/19/17</i>									
20 yr	FY19-Pease Wastewater Treatment Plant	3.75%	7,200,000			623,250	609,750	596,250	582,750	569,250
10 yr	FY19-Consent Mitigation	3.75%	400,000			54,250	52,750	51,250	49,750	48,250
10 yr	FY19-Union Street Reconstruction	3.75%	700,000			94,938	92,313	89,688	87,063	84,438
10 yr	FY19-Annual Sewer Line Replacement	3.75%	500,000			67,813	65,938	64,063	62,188	60,313
10 yr	FY20-Pumping Station Upgrades	3.75%	500,000			9,375	67,813	65,938	64,063	62,188
20 yr	FY20-Consent Mitigation	3.75%	2,500,000			46,875	216,406	211,719	207,031	202,344
10 yr	FY21-Annual Sewer Line Replacement	3.75%	500,000				9,375	67,813	65,938	64,063
10 yr	FY22-Pumping Station Upgrades	3.75%	500,000					9,375	67,813	65,938
20 yr	FY22-Willard Avenue Sewer Separation	3.75%	1,000,000					18,750	86,563	84,688
20 yr	FY22-Islington Street Phase 2	3.75%	2,000,000					37,500	173,125	169,375
20 yr	FY23-Mechanic St. Pumping Station Upgrade	3.75%	1,000,000						18,750	86,563
10 yr	FY23-Annual Sewer Line Replacement	3.75%	500,000						9,375	67,813
20 yr	FY24-Mechanic St. Pumping Station Upgrade	3.75%	9,000,000							168,750
10 yr	FY24-Pumping Station Upgrades	3.75%	500,000							9,375
	Total Projected		26,800,000							
	Total Projected Future Debt (FY19-FY24) Does not include pre FY 19									
	Total Sewer Fund-Projected Future Debt			254,680	1,077,000	2,060,100	7,301,998	7,219,058	7,381,916	7,551,648
Future Debt Related Revenues				FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
	No Anticipated Revenues for New Debt			-	-	-	-	-	-	-
	Total Future Debt Related Revenues-Sewer Fund			-	-	-	-	-	-	-
	Total Net Projected Future Debt-Sewer Fund			254,680	1,077,000	2,060,100	7,301,998	7,219,058	7,381,916	7,551,648
	Total Gross Issued and Projected Debt-Sewer			5,910,234	6,609,302	7,488,607	12,282,761	12,077,056	11,721,037	11,779,397
	Total Net Issued and Projected Debt-Sewer Fund			5,190,036	5,896,095	6,790,485	11,812,281	11,616,406	11,345,371	11,411,904

**CITY OF PORTSMOUTH, NEW HAMPSHIRE
LONG-TERM DEBT SERVICE FORECAST MODEL**

City of Portsmouth

Outstanding Debt Service by Fiscal Year

Fiscal Year	General Fund-Gen Gov				General Fund-School				Total General Fund				
		Principal	Interest		Principal	Interest			Principal	Interest			
<u>FY 19</u>	1	4,737,905	1,095,488	17%	17%	4,465,000	1,658,444	10%	10%	9,202,905	2,753,932	12%	12%
<u>FY 20</u>	2	4,197,617	927,723	15%	31%	4,455,000	1,491,094	10%	19%	8,652,617	2,418,816	12%	24%
<u>FY 21</u>	3	3,975,000	757,340	14%	45%	4,395,000	1,302,319	9%	29%	8,370,000	2,059,659	11%	35%
<u>FY 22</u>	4	3,855,000	602,090	14%	59%	4,380,000	1,123,419	9%	38%	8,235,000	1,725,509	11%	46%
<u>FY 23</u>	5	3,125,000	457,365	11%	70%	4,365,000	952,994	9%	48%	7,490,000	1,410,359	10%	56%
<u>FY 24</u>	6	2,895,000	332,190	10%	80%	2,665,000	827,119	6%	53%	5,560,000	1,159,309	7%	64%
<u>FY 25</u>	7	2,320,000	212,240	8%	88%	2,665,000	733,869	6%	59%	4,985,000	946,109	7%	70%
<u>FY 26</u>	8	1,970,000	119,540	7%	95%	2,590,000	634,994	6%	65%	4,560,000	754,534	6%	76%
<u>FY 27</u>	9	1,040,000	47,040	4%	99%	2,540,000	537,713	5%	70%	3,580,000	584,753	5%	81%
<u>FY 28</u>	10	290,000	9,940	1%	100%	2,540,000	452,372	5%	76%	2,830,000	462,312	4%	85%
<u>FY 29</u>	11	68,500	2,740	0%	100%	2,540,000	368,975	5%	81%	2,608,500	371,715	3%	88%
<u>FY 30</u>	12					2,540,000	282,688	5%	87%	2,540,000	282,688	3%	92%
<u>FY 31</u>	13					1,790,000	192,650	4%	91%	1,790,000	192,650	2%	94%
<u>FY 32</u>	14					1,790,000	126,050	4%	94%	1,790,000	126,050	2%	97%
<u>FY 33</u>	15					665,000	81,950	1%	96%	665,000	81,950	1%	97%
<u>FY 34</u>	16					665,000	60,350	1%	97%	665,000	60,350	1%	98%
<u>FY 35</u>	17					500,000	38,750	1%	98%	500,000	38,750	1%	99%
<u>FY 36</u>	18					500,000	23,438	1%	99%	500,000	23,438	1%	100%
<u>FY 37</u>	19					250,000	8,125	1%	100%	250,000	8,125	0%	100%

Totals	28,474,022	4,563,696			46,300,000	10,897,309			74,774,022	15,461,005		
Revenue	(11,322,781)				(16,563,178)				(27,885,959)			
Net Debt	17,151,240				29,736,822				46,888,062			

Fiscal Year	Parking/Transportation Fund				Debt Service Fund				Total Governmental Funds			
		Principal	Interest		Principal	Interest			Principal	Interest		
<u>FY 19</u>	1		0%	0%	135,000	50,200	11%	11%	9,337,905	2,804,132	12%	12%
<u>FY 20</u>	2		0%	0%	140,000	44,800	11%	22%	8,792,617	2,463,616	12%	24%
<u>FY 21</u>	3		0%	0%	150,000	39,200	12%	34%	8,520,000	2,098,859	11%	35%
<u>FY 22</u>	4		0%	0%	155,000	33,200	12%	46%	8,390,000	1,758,709	11%	46%
<u>FY 23</u>	5		0%	0%	160,000	27,000	13%	59%	7,650,000	1,437,359	10%	56%
<u>FY 24</u>	6		0%	0%	165,000	20,600	13%	72%	5,725,000	1,179,909	8%	64%
<u>FY 25</u>	7		0%	0%	170,000	14,000	14%	86%	5,155,000	960,109	7%	70%
<u>FY 26</u>	8		0%	0%	180,000	7,200	14%	100%	4,740,000	761,734	6%	77%
<u>FY 27</u>	9		0%	0%					3,580,000	584,753	5%	81%
<u>FY 28</u>	10		0%	0%					2,830,000	462,312	4%	85%
<u>FY 29</u>	11								2,608,500	371,715	3%	89%
<u>FY 30</u>	12								2,540,000	282,688	3%	92%
<u>FY 31</u>	13								1,790,000	192,650	2%	94%
<u>FY 32</u>	14								1,790,000	126,050	2%	97%
<u>FY 33</u>	15								665,000	81,950	1%	98%
<u>FY 34</u>	16								665,000	60,350	1%	99%
<u>FY 35</u>	17								500,000	38,750	1%	99%
<u>FY 36</u>	18								500,000	23,438	1%	100%
<u>FY 37</u>	19								250,000	8,125	0%	100%

Totals	-	-			1,255,000	236,200			76,029,022	15,697,205		
Revenue					(1,255,000)	(236,200)			(29,140,959)			
Net Debt	0				0	0			46,888,062			

Fiscal Year	Water Fund				Sewer Fund				Total City of Portsmouth				
		Principal	Interest		Principal	Interest			Principal	Interest			
<u>FY 19</u>	1	2,252,528	974,387	8%	8%	4,055,593	1,476,709	9%	9%	15,646,026	5,255,227	10%	10%
<u>FY 20</u>	2	2,207,528	884,000	8%	16%	4,055,593	1,372,915	9%	18%	15,055,737	4,720,531	10%	20%
<u>FY 21</u>	3	2,207,528	806,511	8%	24%	3,734,142	1,246,621	8%	26%	14,461,670	4,151,990	10%	30%
<u>FY 22</u>	4	2,207,528	741,774	8%	32%	3,734,142	1,123,855	8%	34%	14,331,670	3,624,337	10%	40%
<u>FY 23</u>	5	2,178,128	656,334	8%	40%	3,337,531	1,001,590	7%	41%	13,165,659	3,095,282	9%	48%
<u>FY 24</u>	6	1,880,000	572,038	7%	47%	3,337,531	890,218	7%	48%	10,942,531	2,642,165	7%	56%
<u>FY 25</u>	7	1,875,000	498,800	7%	54%	3,337,531	782,347	7%	55%	10,367,531	2,241,255	7%	63%
<u>FY 26</u>	8	1,875,000	426,362	7%	61%	2,892,626	672,975	6%	62%	9,507,626	1,861,071	6%	69%
<u>FY 27</u>	9	1,875,000	355,124	7%	67%	2,792,626	570,736	6%	68%	8,247,626	1,510,612	6%	75%
<u>FY 28</u>	10	1,870,000	292,086	7%	74%	2,702,626	488,216	6%	73%	7,402,626	1,242,613	5%	79%
<u>FY 29</u>	11	1,766,500	229,698	6%	80%	2,392,791	404,858	5%	79%	6,767,791	1,006,270	5%	84%
<u>FY 30</u>	12	980,000	170,800	4%	84%	2,392,791	328,624	5%	84%	5,912,791	782,111	4%	88%
<u>FY 31</u>	13	980,000	142,650	4%	88%	2,289,305	251,093	5%	89%	5,059,305	586,393	3%	91%
<u>FY 32</u>	14	980,000	111,600	4%	91%	2,024,794	173,675	4%	93%	4,794,794	411,325	3%	95%
<u>FY 33</u>	15	730,000	80,550	3%	94%	1,474,794	112,181	3%	96%	2,869,794	274,681	2%	96%
<u>FY 34</u>	16	730,000	56,000	3%	96%	1,000,000	59,624	2%	98%	2,395,000	175,974	2%	98%
<u>FY 35</u>	17	555,000	31,150	2%	98%	325,000	22,625	1%	99%	1,380,000	92,525	1%	99%
<u>FY 36</u>	18	315,000	13,163	1%	100%	275,000	12,469	1%	100%	1,090,000	49,069	1%	100%
<u>FY 37</u>	19	110,000	3,575	0%	100%	125,000	4,063	0%	100%	485,000	15,763	0%	100%
Totals		27,574,740	7,046,596			46,279,418	10,995,392			149,883,180	33,739,193		
Revenue						(5,734,892)				(34,875,851)	(236,200)		
Net Debt		27,574,740				40,544,526				115,007,328	33,502,993		

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I. VEHICLES AND EQUIPMENT



VE-07-FD-01: AMBULANCE REPLACEMENT PROGRAM

Department	Fire Department
Project Location	Station 2 (2010 Lafayette Rd)
Project Type	Replacement or Purchase of Vehicle
Commence FY	On-Going
Priority	O (ongoing or Programmatic)
Impact on Operating Budget	Reduce (will reduce Operating Costs)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Self-Assessment of FD Operations – April 2015	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This program is a regular replacement schedule for the City’s ambulances. The 2013 Ambulance is scheduled for replacement in FY20. Funds include complete set-up including radio, lettering, striping, and equipment. This is the second half of total funds required for this project.

Useful Website Links:

- [Portsmouth Fire Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Rolling Stock	100%	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$510,000	\$725,000	\$1,235,000
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$510,000	\$725,000	\$1,235,000

VE-13-FD-02: VEHICLE REPLACEMENT – FIRE ENGINE 6

Department	Fire Department
Project Location	Station 1 (170 Court Street)
Project Type	Replacement or Purchase of a Vehicle
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Self-Assessment of FD Operations: April 2015	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project continues the CIP Rolling Stock Replacement Program for large apparatus. This allocation will purchase a new custom rescue pumper with a 4-person cab with medical compartments, five-hundred (500) gallon water tank, 1,500 GPM pump, and related equipment to replace this 1999 Emergency One pumper. Funds include complete set-up including radio, lettering and striping as well as equipment.

- Useful Website Links:
- [Portsmouth Fire Department Homepage](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%	\$600,000						\$600,000	\$0	\$600,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$600,000

VE-18-FD-03: VEHICLE REPAIR - 2006 FIRE ENGINE

Department	Fire Department
Project Location	Station 3 (127 International Dr.)
Project Type	Other (Describe Below)
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Reduce



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Self-Assessment of FD Operations: April 2015	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project is designed to replace the frame rails on the 2006 E-One Pumper. The current rails are experiencing significant wear and corrosion. Replacement should ensure scheduled replacement of pumper in FY26 versus FY21.

Useful Website Links:

- [Portsmouth Fire Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$60,000						\$60,000	\$0	\$60,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$60,000	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$60,000

VE-19-FD-04: VEHICLE REPLACEMENT – FIRE ENGINE 4

Department	Fire Department
Project Location	Station 1 (170 Court Street)
Project Type	Replacement or Purchase of a Vehicle
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Self-Assessment of FD Operations: April 2015	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project continues the CIP Rolling Stock Replacement Program for large apparatus. This allocation will purchase a new custom rescue pumper with a 4-person cab with medical compartments, five-hundred (500) gallon water tank, 1,500 GPM pump, and related equipment to replace this 2006 Emergency One pumper. Funds include complete set-up including radio, lettering and striping as well as equipment.

- Useful Website Links:
- [Portsmouth Fire Department Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%			\$650,000				\$650,000	\$0	\$650,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$650,000	\$0	\$0	\$0	\$650,000	\$0	\$650,000

VE-18-FD-05: THERMAL IMAGING CAMERA REPLACEMENTS

Department	Fire Department
Project Location	All FD Apparatus
Project Type	Equipment (Non-Vehicular)
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Reduce



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The department utilizes thermal imaging cameras to interpret heat and fire conditions in smoke filled environments, as well as to effectively search for victims or hidden fires. Thermal imaging cameras are critical tools carried on all primary fire units. This project would complete 2 year program to replace aging equipment with NFPA compliant, contemporary technology cameras.

Useful Website Links:

- [Portsmouth Fire Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$24,000						\$24,000	\$22,000	\$46,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$24,000	\$0	\$0	\$0	\$0	\$0	\$24,000	\$22,000	\$46,000

VE-18-FD-06: PERSONAL PROTECTIVE EQUIPMENT REPLACEMENT

Department	Fire Department
Project Location	Citywide
Project Type	Equipment (non-vehicular)
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Reduce



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project will fund the required replacement of all members' (60) structural firefighter gear, aka personal protective equipment. NFPA standard 1851 requires the structural firefighting ensembles be retired no more than 10 years from the date manufactured. Our last capital purchase was in FY10. The purchase is the second year of a 3 year replacement program.

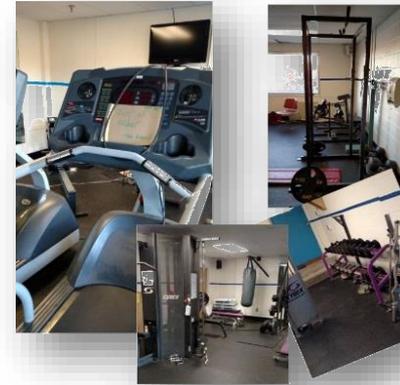
Useful Website Links:

- [Portsmouth Fire Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$60,000	\$60,000					\$120,000	\$60,000	\$180,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$60,000	\$60,000	\$0	\$0	\$0	\$0	\$120,000	\$60,000	\$180,000

VE-18-PD-07: POLICE GYM EQUIPMENT REPLACEMENT

Department	Police Department
Project Location	Police Department
Project Type	Equipment (non-vehicular)
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: Police Standards and Training has set physical fitness and medical requirements that must be maintained as a condition of employment for police officers hired after 1/1/2001. Due to the 24/7/365 aspect of the job, workouts prior to or after a shift are optimal. For over a decade, the department gym has been outfitted by donated equipment from local for-profit public gyms as they rotate their equipment out for replacement. This equipment is outdated and often in need of repair. This project will fund new equipment and minor room preparation. Note: Municipal employees at city hall also utilize the gym to maintain their physical fitness.

Useful Website Links:

- [Portsmouth Police Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$20,000	\$20,000					\$40,000	\$20,000	\$60,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$40,000	\$20,000	\$60,000

II. BUILDINGS AND INFRASTRUCTURE



BI-19-FD-08: FIRE STATION ONE RENOVATION

Department	Fire Department
Project Location	Fire Station One (170 Court St)
Project Type	Rehabilitation of a Facility
Commence FY	FY2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Self-Assessment of FD Operations: April 2015	Y
Improves Quality of Existing Services	
Provides Added Capacity to Serve Growth	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project focuses on four (4) areas of required improvements to the city's central fire station. These include the structural replacement of the driveway / apparatus apron, replacement of failing and unsafe rear outside entrance stairway and deck, improvements to primary bathroom facilities to accommodate current workforce, and renovations to primary public entrance and stairwell. The design engineering was completed for structural replacement of the apparatus apron in 2017.

Useful Website Links:

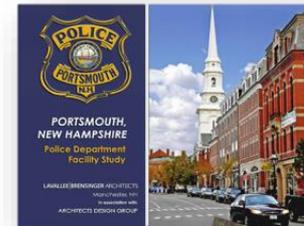
- [Portsmouth Fire Department Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%	\$325,000						\$325,000	\$0	\$325,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$325,000	\$0	\$0	\$0	\$0	\$0	\$325,000	\$0	\$325,000

BI-16-PD-09: POLICE DEPARTMENT LAND ACQUISITION

Department	Police Department
Project Location	To Be Determined
Project Type	Acquisition of Land
Commence FY	To Be Determined
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Police Dept. Facility Study	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Serve Growth	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	



Description: The results of the space needs study conducted in FY14 determined the current facility no longer meets the needs of the Police Department. This project would fund the purchase of land for a new facility, if a current City-owned site is not available for this purpose.

Useful Website Links:

- [Portsmouth Police Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

BI-15-PD-10: NEW POLICE DEPARTMENT FACILITY

Department	Police Department
Project Location	To Be Determined
Project Type	New Construction
Commence FY	2020
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	High (\$100,001 or more)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Police Dept. Facility Study	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: The results of the space needs study conducted in FY14 determined the current facility no longer meets the needs of the Police Department. This project would fund the design and construction of a new facility after a site and conceptual design are complete.

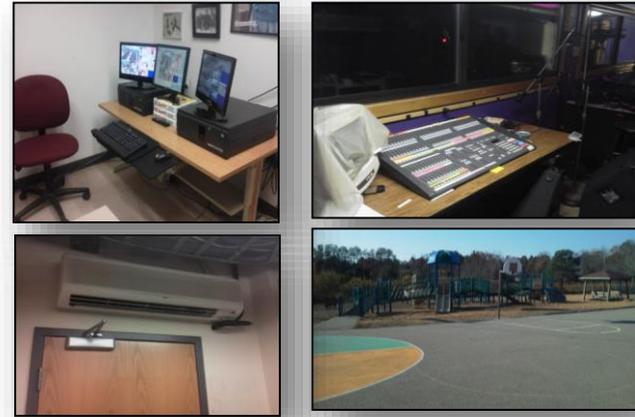
Useful Website Links:

- [Portsmouth Police Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%			\$11,000,000				\$11,000,000	\$0	\$11,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$11,000,000	\$0	\$0	\$0	\$11,000,000	\$0	\$11,000,000

BI-07-SC-11: SCHOOL FACILITIES CAPITAL IMPROVEMENTS

Department	School Department
Project Location	District Wide
Project Type	Rehabilitation of Existing Facilities
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The Portsmouth School Department has maintenance responsibilities for seven (7) buildings and the grounds that accompany them. The tri-annual appropriation is used for building and grounds improvement projects such as roof, windows, and infrastructure replacement and improvements. The next appropriation will focus on the athletic complex at Portsmouth High School.

Useful Website Links:

- [Portsmouth School Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%	\$500,000			\$500,000			\$1,000,000	\$1,000,000	\$2,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$500,000	\$0	\$0	\$500,000	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000

BI-07-SC-11 : SCHOOL FACILITIES CAPITAL IMPROVEMENTS

<u>School</u>	<u>Project</u>	<u>Estimated Cost</u>
High School	Auditorium Lighting and Sound Upgrade/ Replacement	\$100,000
High School	Energy Conservation Lighting Project	\$100,000
High School	Athletic Complex - Upgrade/ Replacement of Track, scoreboards, fencing and irrigation	\$300,000
	<u>Total High School</u>	<u>\$500,000</u>
TOTAL IMPROVEMENTS		\$500,000

BI-08-SC-12: ELEMENTARY SCHOOLS UPGRADE

Department	School Department
Project Location	Elementary Schools
Project Type	Rehabilitation of an Existing Facilities
Commence FY	2016
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: Our elementary schools buildings are all over thirty (30) years old. This appropriation will be used to complete the balance of the upgrades to Dondero Elementary School, asbestos removal and air handling infrastructure upgrades to New Franklin Elementary School.

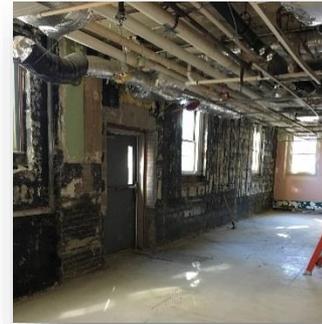
Useful Website Links:

- [Portsmouth School Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	2%			\$250,000	\$250,000			\$500,000	\$0	\$500,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	98%	\$5,000,000	\$2,000,000					\$7,000,000	\$15,000,000	\$22,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$5,000,000	\$2,000,000	\$250,000	\$250,000	\$0	\$0	\$7,500,000	\$15,000,000	\$22,500,000

BI-17-FI-13: HISTORIC DOCUMENT STORAGE FACILITIES

Department	Finance Department/ City Clerk
Project Location	City Hall
Project Type	New Construction/ Refurbishment
Commence FY	2018
Priority	A (Needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Description: Proper storage conditions are required for our short and long term documents in City Hall. City Hall long-term (archival) records are required by law to be preserved and held indefinitely. The Basement of City Hall is in need of numerous upgrades to prevent the deterioration of both short term and long term records. The City's document storage areas in City Hall are often the site of leaks and also experiences large fluctuations in temperature and are not adequate for employee exposure for long periods of time.

In FY18 the CIP funded the upgrade of the first document room upgrade to include a new Fire Suppression System, temperature control and monitoring, humidity monitoring and proper shelving for the City's archival records. We are looking to continue this momentum for the many more documents awaiting proper storage in City Hall.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Goodman Report on the Survey of the Municipally Owned Historic Artifacts and Documents in Portsmouth, NH	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

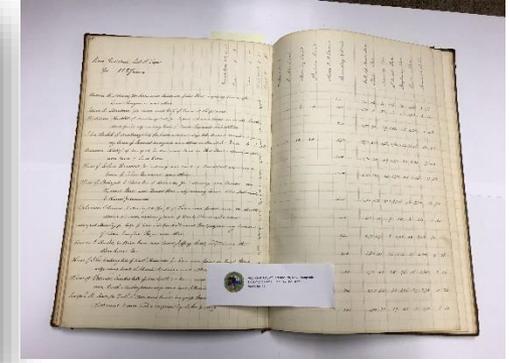
Useful Website Links:

- [Finance Department Homepage](#)
 - [City Clerk's Office](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	\$100,000	\$400,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000	\$100,000	\$400,000

BI-18-FI-14: HISTORIC DOCUMENT RESTORATION, PRESERVATION AND SCANNING

Department	Finance Department/ City Clerk
Project Location	City Hall
Project Type	New Construction/ Refurbishment
Commence FY	2018
Priority	A (Needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Goodman Report on the Survey of the Municipally Owned Historic Artifacts and Documents in Portsmouth, NH	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: The City is required to keep certain documents on a permanent basis (i.e. tax warrants, assessing documents, city council records, etc.). The City also keeps many documents that are of Historic significance. These documents are aging and many are showing signs of deterioration. The requested funds will be utilized to preserve these documents as well as scan them for preservation purposes to either CD (pdf) and/ or microfilm. A list of documents with current preservation needs can be found in the FY19-24 CIP in Appendix III. The total amount of funds needed for this project will eventually exceed \$1 million dollars and with the current funding take over 20 years to complete. The FY19 and FY20 amounts have monies for both City Clerk and Finance Department Archival Records.

Useful Website Links:

- [Finance Department Homepage](#)
- [City Clerk's Office](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$88,000	\$94,000	\$50,000	\$50,000	\$50,000	\$50,000	\$382,000	\$50,000	\$432,000
Fed/ State	0%							\$0	\$9,966	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$88,000	\$94,000	\$50,000	\$50,000	\$50,000	\$50,000	\$382,000	\$59,966	\$432,000

BI-19-PL-15: CLIMATE RESILIENCE PLANNING

Department	Planning Department
Project Location	Citywide
Project Type	Other (explained below)
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Coastal Resilience Initiative and Historic Properties Climate Change Vulnerability Assessment	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

**PREPARE.
PROTECT.
PORTSMOUTH.**



Description: In accordance with recent coastal flooding studies consider zoning, building, site review amendments to make the City more resilient to future Climate Change impacts.

Useful Website Links:

- [Planning Department Homepage](#)
- [Sustainability](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$25,000						\$25,000	\$0	\$25,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$25,000

BI-95-PL-16: LAND ACQUISITION

Department	Planning Department
Project Location	Citywide
Project Type	Acquisition of Land
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Master Plan 2005	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	Y

Description: This project funds the purchase of land that has been determined should be municipally owned. For the most part, ownership is usually sought to secure environmentally sensitive areas to purchase the development rights to a particular parcel, or for some municipal use. Funds can be used as match for other grants and may be used in conjunction with the Conservation Fund.

Useful Website Links:

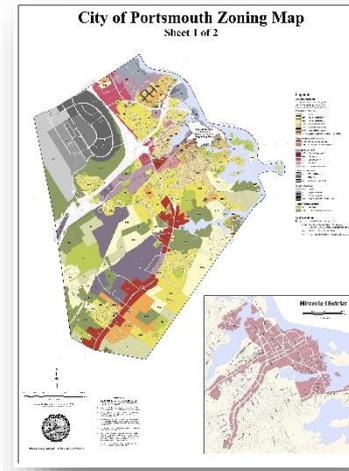
- [Planning Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$75,000	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$75,000	\$200,000

BI-18-PL-17: LAND USE REGULATION REVISIONS

Department	Planning Department
Project Location	Citywide
Project Type	Other (explained below)
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Master Plan 2025	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project will include revisions and related updates to the City's land use regulations including the Zoning Ordinance, Site Plan Review and Subdivision Regulations. These revisions will support the recommendations of the City's 2025 Master Plan and related plans and studies including the 2016 Housing Committee report and the Historic Properties Climate Change Vulnerability study.

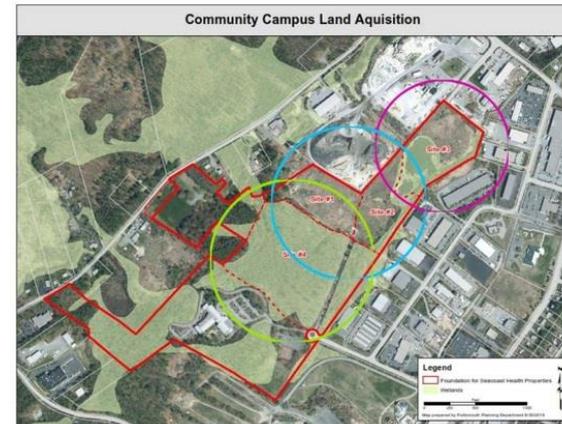
Useful Website Links:

- [Planning Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$25,000						\$25,000	\$50,000	\$75,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000	\$50,000	\$75,000

BI-12-CD-18: NEW OUTDOOR RECREATION FIELDS

Department	Community Development Department / Recreation Department
Project Location	100 Campus Drive/ 680 Peverly Hill Road
Project Type	Construction or expansion of a new public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Recreation Needs Study (2010) ; 2015 Recreation Field Report	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project is intended to advance the long-held goal of adding multi-purpose recreation fields to the City's inventory. In particular, this project will fund the design and construction of fields and related amenities at the newly acquired Campus Drive property behind the City's Public Works facility.

Useful Website Links:

- [Recreation Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	86%					\$2,000,000		\$2,000,000	\$1,750,000	\$3,750,000
Peirce Trust	14%	\$600,000						\$600,000	\$0	\$600,000
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$600,000	\$0	\$0	\$0	\$2,000,000	\$0	\$2,600,000	\$1,750,000	\$4,350,000

BI-12-CD-19: EXISTING OUTDOOR RECREATION FIELD IMPROVEMENTS

Department	Community Development Department
Project Location	Various Locations
Project Type	Rehabilitation of a Facility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Recreation Needs Study (2010) ; 2015 Recreation Field Report	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: In addition to adding to the inventory of recreation fields, the 2010 Recreation Needs Study and the 2015 Recreation Field Report, highlighted opportunities for resurfacing or reconstructing existing fields in order to increase playability and improve service. Needed investments to add or improve playability include addressing drainage issues and improving turf systems thereby improving the quality and safety of fields and/or converting “practice” fields to competition fields. The 2015 report highlights opportunities at the High School Athletic Complex, Clough Field as well as the elementary schools and Lafayette ballfield. Funding in the first year, is identified to advance the design for such improvements to the Lafayette ballfield at South and Monroe Streets.

Useful Website Links:

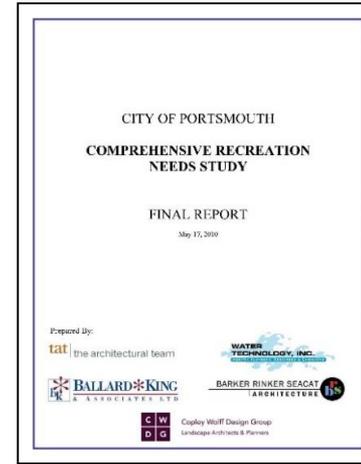
- [Recreation Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$75,000	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,025,000	\$0	\$1,025,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$75,000	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,025,000	\$0	\$1,025,000

BI-12-CD-20: CONSOLIDATED INDOOR RECREATION FACILITY

Department	Community Development Department/ Recreation Department
Project Location	To Be Determined
Project Type	Acquisition of Land; New Construction, Expansion or Rehabilitation
Commence FY	2022
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Moderate (\$50,001 to \$100,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Comprehensive Recreation Needs Study 2010	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The 2010 Comprehensive Recreation Needs Study found the City's four indoor facilities are programmatically outdated, in need of significant capital improvements and require individuals to travel from one facility to another to participate in all types of indoor recreational programming. The building of a Youth Recreation Center at the new Middle School represented a key near term step; ultimately a new consolidated multi-generational recreational facility is recommended.

Useful Website Links:

- [Recreation Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$50,000					\$50,000	\$0	\$50,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000

BI-00-CD-21: IMPLEMENTATION OF PEIRCE ISLAND MASTER PLAN

Department	Community Development Department
Project Location	Peirce Island
Project Type	Rehabilitation of Existing Facility
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Peirce Island Master Plan 1999	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: A Master Plan for Peirce Island was finalized in December 1999 and it detailed a range of capital improvement projects that support recreational activities on the twenty-seven (27)-acre City-Owned island. This project identifies funding to continue investments on the Island to promote the vision in the 1999 plan, which will continue after the completion of the Wastewater Treatment Plant. Previous projects completed under the plan include upgrades to the outdoor pool area, trail construction, installation of picnic tables and interpretive signs, reconstruction of the boat ramp, signage upgrades and shorefront landscaping.

Useful Website Links:

- [Community Development Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$150,000	\$275,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$150,000	\$275,000

BI-16-CD-22: IMPLEMENTATION OF SAGAMORE CREEK PARCEL MASTER PLAN

Department	Community Development Department
Project Location	Sagamore Creek at Jones Avenue
Project Type	New Construction or Expansion of Existing Facility, Street or Utility
Commence FY	2016
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Blue Ribbon Committee on Sagamore Creek Land (2015)	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project provides funding for the implementation of the 2015 Sagamore Creek Master Plan adopted by the City Council. The Plan recommends various improvements to promote the use of the area by the public for recreation purposes in a manner that balances recreation uses with property's high conservation values. Access, parking, signage, and trail improvements are recommended in the Plan.

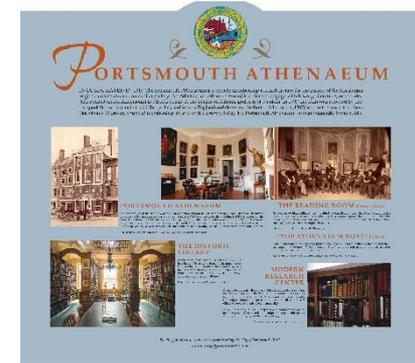
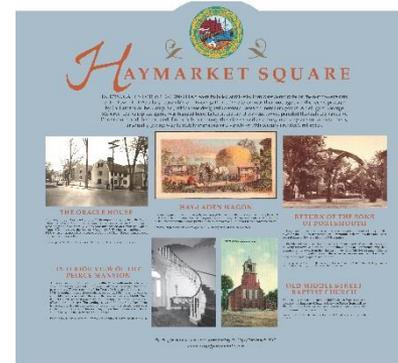
Useful Website Links:

- [Community Development Homepage](#)
 - Sagamore Creek
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	67%							\$0	\$100,000	\$100,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Conservation Fund	33%	\$50,000						\$50,000	\$0	\$50,000
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$150,000

BI-06-CD-23: HISTORIC MARKERS REPLACEMENT PROJECT

Department	Community Development
Project Location	Various
Project Type	New Construction or Expansion
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study:	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	Y

Description: This project funds the design, development, fabrication and installation of new historic markers to replace over 40 original markers installed in the 1970's. To date, 22 markers have been recreated and five more are currently in design. Those new markers include "Haymarket Square," "Thomas P. Moses, Painter," and Portsmouth Athenaeum." These funds may also be used to work with partners to make the content available through electronic means including web and other applications.

Useful Website Links:

- [Community Development Homepage](#)
- [Historic Marker Replacement Project Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	82%		\$5,000		\$5,000		\$5,000	\$15,000	\$20,000	\$35,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	18%		\$2,500		\$2,500		\$2,500	\$7,500	\$0	\$7,500
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$7,500	\$0	\$7,500	\$0	\$7,500	\$22,500	\$20,000	\$42,500

BI-02-CD-24: CITYWIDE PLAYGROUND IMPROVEMENTS

Department	Community Development Department
Project Location	Various
Project Type	Rehabilitation of an Existing Facility
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project provides funding for continued investment in the City's playgrounds in order to maintain the level of service resulting from many extensive investments in the playground facilities in past years. Funding will be used for playground equipment replacements as well as upgrading furnishings and other amenities as needed. In the coming years, specific upgrades are envisioned for Rock Street Park and replacement of aged equipment in playground equipment city-wide.

Useful Website Links:

- [Community Development Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$237,500	\$612,500
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$237,500	\$612,500

BI-02-CD-25: CITYWIDE PARK IMPROVEMENTS

Department	Community Development Department
Project Location	Various
Project Type	Rehabilitation of an Existing Facility
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Description: This project provides funding for the City's Parks. In recent years, investment in new City parks (e.g. Memorial Park and Harborwalk Park) and community discussions about existing park facilities (e.g. Sagamore Creek, Prescott Park, and Vaughan Mall) have highlighted the need to continually invest in existing Park facilities in the same manner as ongoing investments to playgrounds are made through this Plan. Funding will be used to perform drainage, walkway, landscaping, and lighting improvements as well as furnishing and signage upgrades in existing Park facilities citywide. The year one funding below is identified for upgrades to Goodwin Park on Islington Street.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

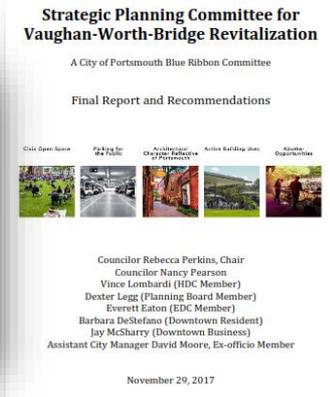
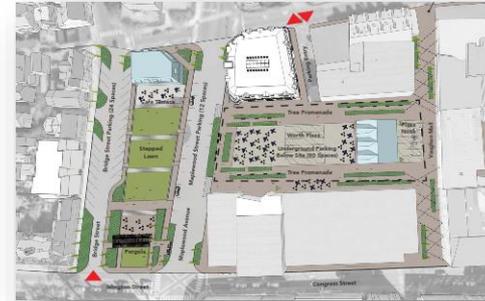
Useful Website Links:

- [Community Development Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$237,500	\$612,500
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$237,500	\$612,500

BI-19-CD-26: VAUGHAN-WORTH-BRIDGE STRATEGIC VISION DEVELOPMENT

Department	Community Development
Project Location	Publicly-owned land & Rights of Way between Foundry Place Garage, Islington Street & Vaughan Mall
Project Type	Design work or planning study
Commence FY	FY19
Priority	C (Can be placed on hold for after 6 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: 2017 Strategic Vision for Vaughan, Worth and Bridge	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: In December 2017, the City Council adopted a strategic vision for the area encompassing the Vaughan Mall, Worth Lot and Bridge Street Lot. The Vision is to transform the surface parking at the Bridge Street and Worth Lot as well as the Vaughan Mall to extend the vibrant downtown fabric emanating from Market Square into new and renewed public spaces to create more opportunity for Portsmouth's civic life to grow and express itself. This project identifies funding to take steps to develop this vision further. This work may include concept development and public processes; design development and site analysis/feasibility work; and funding for interim capital investments to demonstrate concepts in the Vision.

Useful Website Links:

- [Community Development Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	\$0	\$150,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000	\$0	\$150,000

BI-11-CD-27: PRESCOTT PARK FACILITIES CAPITAL IMPROVEMENTS

Department	Trustees of Trust Funds
Project Location	Prescott Park
Project Type	Rehabilitation of an Existing Facilities
Commence FY	On-Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Description: In 2017, the City Council adopted the [Prescott Park Master Plan](#), which articulates a broad vision for Prescott Park into the next century. Today's Park - the result of a half century of assembling industrial parcels and transforming them into parkland - is in need of an overhaul. The opportunity to renovate the Park also presents opportunities to plan for climate adaptation, preserve invaluable antique historic structures, purposefully accommodate performance & event space, and ensure iconic Portsmouth places continue to define the City's life into the future. The Master Plan document calls for Park improvements to be funded through a number of sources, including fundraising and donations; revenues from Park licensees; grant-support for climate adaptation; and as traditional sources of municipal project funding.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: 2017 Prescott Park Master Plan	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Useful Website Links:

- [Community Development Homepage](#)
 - [Prescott Park Homepage](#)
- [Prescott Park Advisory Committee](#)
 - [Public Works Homepage](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	7%	\$50,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$675,000	\$415,000	\$1,090,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	47%	\$2,325,000	\$1,750,000	\$1,050,000	\$750,000	\$900,000	\$850,000	\$7,625,000	\$0	\$7,625,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	47%	\$2,325,000	\$1,750,000	\$1,050,000	\$750,000	\$900,000	\$850,000	\$7,625,000	\$0	\$7,625,000
	Totals	\$4,700,000	\$3,625,000	\$2,225,000	\$1,625,000	\$1,925,000	\$1,825,000	\$15,925,000	\$415,000	\$16,340,000

BI-19-PW-28: PANNAWAY MANOR GATEWAY PARK – NEW FACILITY

Department	Public Works
Project Location	Sherburne Road & Colonial Drive
Project Type	Upgrade Existing Facilities
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project would create a new park facility in an existing island at the entrance to the Pannaway Manor Neighborhood located off Sherburne Road. Improvements envisioned include curbing around the island, introducing new hardscape and landscape features with related furnishings.

Useful Website Links:

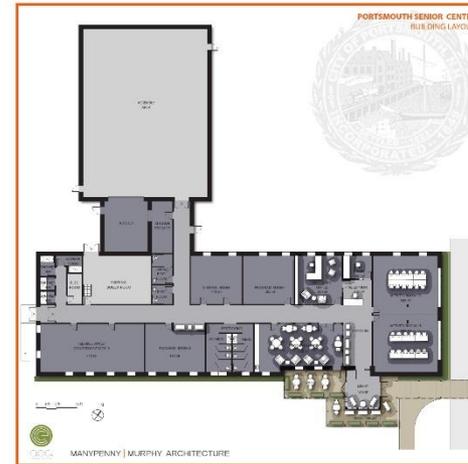
- [Public Works Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$50,000						\$50,000	\$0	\$50,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000

BI-09-CD-29: REUSE OF THE PAUL A. DOBLE ARMY RESERVE CENTER

Department	Community Development Department
Project Location	125 Cottage Street
Project Type	Rehabilitation of a Facility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Final Report – Blue Ribbon Senior Committee	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The City is set to receive the Paul A. Doble Army Reserve Center as a legislatively-directed transfer. This CIP project positions the City to move forward with adaptive reuse of the facility into a modern senior center. Funding sources include Federal grant dollars (Community Development Block Grant) as well as a portion of the Daniel Street Trust (sale of the Connie Bean Center).

Useful Website Links:

- [Community Development Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	6%							\$0	\$100,000	\$100,000
Fed/ State	32%	\$500,000						\$500,000	\$0	\$500,000
Bond/ Lease	0%							\$0	\$0	\$0
Other (Daniel St. Trust)	61%	\$950,000						\$950,000	\$0	\$950,000
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$1,450,000	\$0	\$0	\$0	\$0	\$0	\$1,450,000	\$100,000	\$1,550,000

BI-18-CD-30: EMERGENCY RESPONSE SHELTER

Department	Community Development Department
Project Location	Unknown
Project Type	Construction or Expansion of a Public Facility, Street or Utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Local Emergency Operations Plan; Hazard Mitigation Plan	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The City's Local Emergency Plan calls for emergency shelters as required by law. Funding is identified here for upgrades to facilities and or purchase of equipment to make ready adequate shelter facilities.

The City's high school is currently equipped as an emergency shelter; this project envisions outfitting another City facility that would not only add shelter capacity, but be available for prolonged use without disruption to a school facility. Examples of needed improvements include accessibility needs, bathroom capacity, emergency power capacity, fire safety upgrades for overnight accommodations, kitchen upgrades, and related improvements.

Useful Website Links:

- [Community Development Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$50,000	\$50,000	\$50,000	\$50,000			\$200,000	\$0	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$200,000	\$0	\$200,000

BI-05-CD-31: MCINTYRE FEDERAL OFFICE BUILDING SITE REDEVELOPMENT – PLANNING & IMPLEMENTATION

Department	Community Development
Project Location	80 Daniel Street
Project Type	Other (explained below)
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: Since 2004, the General Services Administration (GSA) has been planning to relocate the functions from this property to another location in Portsmouth. In fall of 2016, the GSA officially began its disposal process, declaring the building to be surplus to its needs. As the City moves forward with its process for guiding the redevelopment of the site professional services (including legal services) will be needed to ensure the Council's direction is carried forward.

Useful Website Links:

- [Community Development Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000	\$50,000	\$225,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$175,000	\$50,000	\$225,000

BI-04-PW-32: CITYWIDE TREE REPLACEMENT PROGRAM

Department	Public Works
Project Location	Citywide
Project Type	Upgrade Existing Facilities
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The City of Portsmouth is a Tree City USA designated city with a long tradition of caring for the urban forest. The City Arborist, in the Public Works Department, in conjunction with the City Trees and Public Greenery Committee, administers this program. The program focuses on proactive plantings, managing street tree planting projects, inspecting, pruning, or removing hazardous trees in the right-of-way, and provides information and resources to homeowners and builders.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$120,000	\$240,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$120,000	\$240,000

BI-17-PW-33: RECYCLING & SOLID WASTE TOTES

Department	Public Works
Project Location	All Locations Serviced by DPW Curbside Collection
Project Type	Other (Explained Below)
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project offers standard totes for recycling and solid waste to all residential households who receive Public Works curbside collection service. The wheeled totes will have a larger volume than existing recycling bins, and the attached lid will keep contents covered to promote sanitary storage.

Useful Website Links:

- [Public Works Homepage](#)
- [Solid Waste and Recycling Info](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$50,000	\$500,000	\$0	\$500,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$50,000	\$500,000	\$0	\$500,000

BI-18-PW-34: RECYCLING & SOLID WASTE TRANSFER STATION

Department	Public Works
Project Location	To Be Determined
Project Type	Construction or Expansion of A Public Facility, Street or Utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Moderate (\$50,001 to \$100,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Serve Growth	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The purpose of this project is to design and build a new Recycling Center at the Department of Public Works. The new Recycling Transfer Center will improve safety and the experience of residents dropping material off, while adding infrastructure to consolidate recycling and solid waste for more efficient transport.

Useful Website Links:

- [Public Works Homepage](#)
- [Solid Waste and Recycling Info](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	4%	\$100,000						\$100,000	\$0	\$100,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	96%		\$2,750,000					\$2,750,000	\$0	\$2,750,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$100,000	\$2,750,000	\$0	\$0	\$0	\$0	\$2,850,000	\$0	\$2,850,000

BI-15-PW-35: OUTDOOR POOL UPGRADE

Department	Public Works
Project Location	Peirce Island
Project Type	Rehabilitation of a Facility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project includes replacement of the pool's bathhouse. The original bathhouse was constructed in the 1950's and has not been renovated. The existing bathhouse needs significant upgrades to meet current needs.

Useful Website Links:

- [Public Works Homepage](#)
- [Recreation Department](#)
 - [Outdoor Pool](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%	\$1,000,000						\$1,000,000	\$500,000	\$1,500,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$500,000	\$1,500,000

BI-15-PW-36: BLEACHERS/GRANDSTANDS

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of Existing Facility
Commence FY	2023
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: In compliance with NFPA 102-12.7.10, City staff has inspected the City's bleachers and grandstands. Initial reports find some of the structures are obsolete and contain deficiencies. This project will address upgrades to bring the bleachers and grandstands into compliance (e.g. Leary Field).

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	9%							\$0	\$100,000	\$100,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	91%						\$1,000,000	\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$100,000	\$1,100,000

BI-05-PW-37: HISTORIC CEMETERY IMPROVEMENTS

Department	Public Works
Project Location	City Wide
Project Type	Rehabilitation of a facility
Commence FY	On-Going
Priority	O (Ongoing and Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Cemetery Existing Conditions Assessment and Restoration Plan (2013)	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The City owns six (6) historic burial grounds and cemeteries at various locations throughout the City and is responsible for the continual upkeep and maintenance of the grounds, headstones, hill, ledger, chest tombs, cemetery walls and other related structures. The City carried out an assessment of these valuable historic resources and created a prioritized list of restoration and repair projects which will be undertaken over a multi-year period.

Useful Website Links:

- [Public Works Homepage](#)
- [Portsmouth Historic Cemeteries](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$190,000	\$315,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
Donation	0%							\$0	\$0	\$0
Totals		\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	\$190,000	\$315,000

BI-15-PW-38: CITYWIDE RETAINING WALLS REPAIRS AND IMPROVEMENTS

Department	Public Works
Project Location	City Wide
Project Type	Rehabilitation of a Facility
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Description: The City owns over thirty (30) retaining walls. This project will consist of repairing retaining walls, which are currently failing and at risk of damaging private properties adjacent to them. These walls include areas around the Municipal Complex.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%			\$50,000		\$50,000		\$100,000	\$175,000	\$275,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Bond Prem Supp.	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$50,000	\$0	\$50,000	\$0	\$100,000	\$175,000	\$275,000

BI-07-PW/NH-39: SOUND BARRIERS IN RESIDENTIAL AREA ALONG I-95

Department	Public Works
Project Location	I-95 Corridor
Project Type	Construction or expansion of a public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The purpose of this project is to mitigate sound pollution in neighborhoods along Interstate 95, including the Pannaway Manor Neighborhood. Federal funding requiring a local match will be pursued in cooperation with the State of New Hampshire.

Useful Website Links:

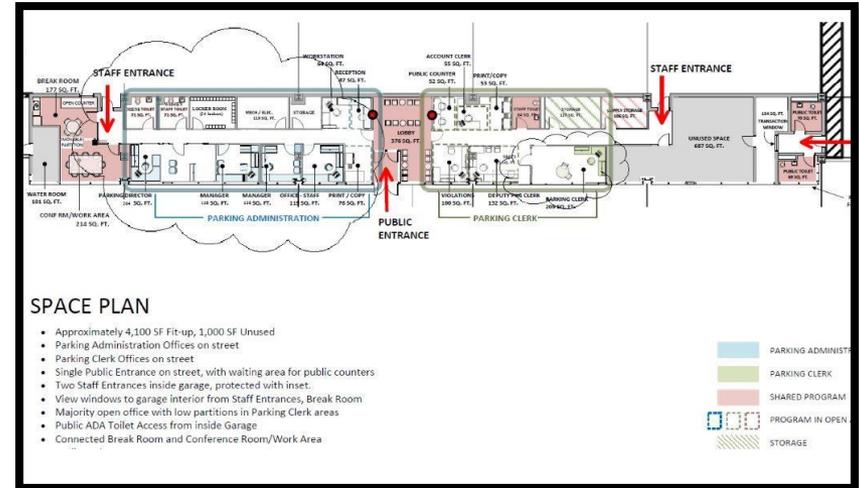
- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	12%		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$100,000	\$600,000
Fed/ State	88%		\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$4,000,000	\$300,000	\$4,300,000
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000	\$4,500,000	\$400,000	\$4,900,000

BI-19-PW-40: FOUNDRY GARAGE PARKING OFFICES

Department	Public Works
Project Location	Foundry Garage
Project Type	Construction or expansion of a public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Moderate (\$50,001 to \$100,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This is the build-out of onsite offices for all three groups of the Parking Division.

During the 5/7/2018 City Council Meeting, this project was put on hold. The use of this space will be reexamined after the opening of the facility.

Useful Website Links:

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease (Parking Fund)	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

BI-19-PW-41: CITY HALL COMPLEX ELECTRICAL UPGRADES

Department	Public Works
Project Location	City Hall Complex
Project Type	Rehabilitation of a Facility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The electrical system at City Hall needs upgrading due to age and deteriorating condition. Power outages are occurring more frequently and causing additional strain on the aging system. This project would improve service reliability and increase operational efficiency.

Useful Website Links:

- [Public Works Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	8%	\$50,000						\$50,000	\$0	\$50,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	92%	\$600,000						\$600,000	\$0	\$600,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$650,000	\$0	\$0	\$0	\$0	\$0	\$650,000	\$0	\$650,000

BI-01-PW-42: CITYWIDE FACILITIES CAPITAL IMPROVEMENTS

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of a Facility
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Facilities Needs Evaluations (in development)	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The Public Works Department is responsible for the maintenance of all municipal facilities. These facilities are wide ranging and serve multiple uses. Due to age and usage, many facilities need to be updated.

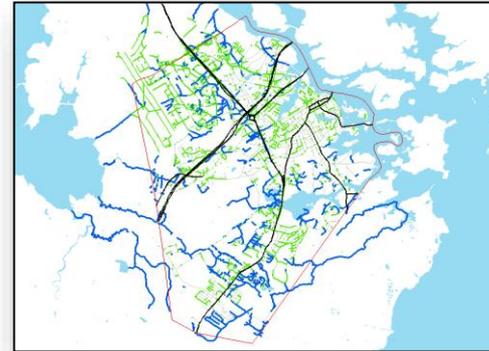
Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	1%							\$0	\$50,000	\$50,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	98%		\$1,000,000			\$1,000,000		\$2,000,000	\$2,000,000	\$4,000,000
Other	0%							\$0	\$0	\$0
Revenues	1%							\$0	\$30,000	\$30,000
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$0	\$2,000,000	\$2,080,000	\$4,080,000

BI-15-PW-43: CITYWIDE STORM DRAINAGE IMPROVEMENTS

Department	Public Works
Project Location	Citywide
Project Type	Construction or expansion of a new public facility, street or utility
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Stormwater Master Plan	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: The City owns and maintains approximately sixty-one (61) miles of storm drains, four-thousand seven-hundred (4,700) catch basins and four-hundred fifty (450) drain outfalls. Many of these structures are failing and need upgrades. These projects include drainage improvements along Maplewood Avenue, Junkins Avenue, Corporate Drive, and Union Street. In addition to pipe work, the existing storm water ponds and swales need to be dredged of deposited materials to regain capacity to handle future storm events.

Useful Website Links:

- [Public Works Homepage](#)
- [Stormwater Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	\$650,000	\$1,850,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,200,000	\$650,000	\$1,850,000

BI-95-PW-44: HANOVER PARKING FACILITY – CAPITAL IMPROVEMENTS

Department	Public Works – Parking and Transportation Division
Project Location	Hanover Street
Project Type	Rehabilitation of a facility
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Structural Evaluation, Walker, 2015	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project provides funding for maintenance needs at the Hanover Parking Garage. Funding is allocated on a scheduled basis to fund major renovation needs for the original structure. In FY15, a structural evaluation was completed. It identified necessary upgrades to be able to continue to use the garage. Construction will begin once the City's new parking garage is completed. In the interim, minor upgrades will be completed.

Useful Website Links:

- [Public Works Homepage](#)
 - [Park Portsmouth](#)
- [High Hanover Parking Garage](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues (Parking)	100%	\$100,000	\$100,000	\$5,000,000	\$50,000	\$50,000	\$50,000	\$5,350,000	\$800,000	\$6,150,000
PPP	0%							\$0	\$0	\$0
	Totals	\$100,000	\$100,000	\$5,000,000	\$50,000	\$50,000	\$50,000	\$5,350,000	\$800,000	\$6,150,000

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III. INFORMATION SYSTEMS



IS-06-IT-45: INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS

Department	Finance Department
Project Location	citywide
Project Type	Equipment (non vehicular)
Commence FY	Ongoing
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The Information Technology Upgrades Replacements incorporates the General Government (City Hall, Public Works, Recreation, and Library), Police, Fire and School Departments technology needs. The replacement/ upgrade of computers, servers and other technology upgrades follow by location for FY18.

Useful Website Links:

- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
GF (Non-Operating)	100%	\$740,908	\$716,908	\$714,708	\$747,708	\$636,308	\$663,708	\$4,220,248	\$2,325,558	\$6,545,806
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$740,908	\$716,908	\$714,708	\$747,708	\$636,308	\$663,708	\$4,220,248	\$2,325,558	\$6,545,806

IS-06-IT-45: INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS

Computers/Notebooks

(Costs include installation)

Location	Inventory	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
City Hall	102			50	52	52	
Public Works	67	30					37
Library	95	17	45	17	45	17	47
Recreation	11		11				
Police	121	25	25	25	25	25	25
Fire	19	16	2	2	2	16	2
Total Computers	415	88	83	94	124	110	111

<u>Cost of Replacement</u>	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
City Hall			\$45,000	\$46,800	\$46,800	
Public Works	\$27,000					\$33,300
Library	\$15,300	\$40,500	\$15,300	\$40,500	\$15,300	\$40,500
Recreation		\$11,000				
Police	\$42,500	\$42,500	\$42,500	\$42,500	\$42,500	\$42,500
Fire	\$12,600	\$2,800	\$2,800	\$2,800	\$12,600	\$2,800
Computers/Monitors Cost per Year	\$97,400	\$96,800	\$105,600	\$132,600	\$117,200	\$119,100

IS-06-IT-45: INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS

Servers

(Costs include installation and software)

Location	Inventory	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Citywide	17	4	4	4	4	4	4
Public Works							
Recreation							
Police	9	2	2	2	2	2	2
Fire							
Total Servers	26	6	6	6	6	6	6

<u>Cost of Replacement</u>	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Citywide	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000
Public Works						
Recreation						
Police	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000
Fire						
Servers Cost per Year	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000	\$48,000

IS-06-IT-45: INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS

Other Technology Replacements and Upgrades

Location	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Citywide						
Plotter City Hall (1)			\$5,000			
Microsoft Office/Exchange (320 Citywide)	\$75,000	\$75,000				\$75,000
Spam Filter (300 Hardware/Software)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Channel 22 technology equipment	\$15,000			\$25,000		
Projectors (2)		\$2,000	\$2,000		\$2,000	
Network Management System (City Wide)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
WAN Switches/Cables/Firewalls (4)	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
CMS and Data Conversion	\$15,000			\$80,000		
Finance Software/Hardware			\$50,000			
Total City Hall	\$140,000	\$112,000	\$92,000	\$140,000	\$37,000	\$110,000
Public Works						
Network Cameras			\$20,000			
Radios (80)	\$20,000	\$20,000				
WAN Switches (2)	\$10,000		\$10,000		\$10,000	
Total Public Works	\$30,000	\$20,000	\$30,000	\$0	\$10,000	\$0
Library						
Projectors (1)			\$15,000			
WAN Switches (1)	\$5,000					
HD Video Magnifier with Text-to-Speech					\$3,500	
Total Library	\$5,000	\$0	\$15,000	\$0	\$3,500	\$0

IS-06-IT-45: INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS

Other Technology Replacements and Upgrades

Location	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Police						
Radios-portable (154)	\$47,000	\$47,000	\$47,000	\$47,000	\$47,000	\$47,000
Radios-mobile (42)	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500
Printers (68)	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200	\$4,200
CJIS Compliance	\$3,400	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Projectors (9)	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Firewalls (4)	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Tape back ups (2)	\$0	\$3,000	\$0	\$3,000	\$0	\$3,000
Scanners (14)	\$800	\$800	\$800	\$800	\$800	\$800
Dispatch Center Equipment Replacement	\$261,858	\$261,858	\$261,858	\$261,858	\$261,858	\$261,858
Total Police	\$334,758	\$339,358	\$336,358	\$339,358	\$336,358	\$339,358
Fire						
Radios- portable (55)	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
Radios- mobile (44)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Printers (13)	\$2,750	\$2,750	\$2,750	\$2,750	\$2,750	\$2,750
WAN Swtiches (3)		\$15,000				
Projectors (5)			\$2,000	\$2,000	\$2,000	\$2,000
Total Fire	\$25,750	\$40,750	\$27,750	\$27,750	\$27,750	\$27,750
School Department						
Wifi Access Points	\$15,000	\$15,000	\$15,000	\$5,000	\$5,000	
Classroom LCD Projectors						\$15,000
Virtual Desktop Interface (VDI) Expansion	\$15,000	\$15,000	\$30,000	\$15,000	\$15,000	\$15,000
Printers		\$20,000	\$5,000			
Firewall						\$30,000
LAN Network Switches		\$10,000	\$10,000	\$10,000	\$10,000	
WAN Switches (6)	\$30,000	\$0		\$30,000	\$30,000	
Total School	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Other Technology Replacement/Upgrades Cost per Year	\$595,508	\$572,108	\$561,108	\$567,108	\$474,608	\$537,108

IS-06-IT-45: INFORMATION TECHNOLOGY UPGRADES AND REPLACEMENTS

Totals by Location

	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
Citywide	\$172,000	\$144,000	\$169,000	\$218,800	\$115,800	\$142,000
Public Works	\$57,000	\$20,000	\$30,000	\$0	\$10,000	\$33,300
Library	\$20,300	\$40,500	\$30,300	\$40,500	\$15,300	\$0
Recreation	\$0	\$11,000	\$0	\$0	\$0	\$0
Police	\$393,258	\$397,858	\$394,858	\$397,858	\$394,858	\$397,858
Fire	\$38,350	\$43,550	\$30,550	\$30,550	\$40,350	\$30,550
School	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Total Information Technology Replacement and Upgrades	\$740,908	\$716,908	\$714,708	\$747,708	\$636,308	\$663,708

IS-18-FD-46: INCIDENT REPORTING AND DATA MANAGEMENT SYSTEM

Department	Fire Department
Project Location	Department-wide
Project Type	Other (explained below)
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Serve Growth	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The department is looking at a secure, web-based records management and reporting system. This will provide for complete and accurate incident reporting, data collection and analysis, along with staff and equipment management. The system will be compatible with current computer aided dispatch product used at city's dispatch center. It will also adhere with State of NH fire and emergency medical reporting requirements.

Useful Website Links:
<ul style="list-style-type: none"> • Portsmouth Fire Department Homepage • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
GF (Non-Operating)	100%							\$0	\$19,500	\$19,500
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,500	\$19,500

IS-17-PD-47: PUBLIC SAFETY RECORDS MGMT./COMPUTER AIDED DISPATCH SYSTEM

Department	Police Department
Project Location	To Be Determined
Project Type	Other (explained below)
Commence FY	2022
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Description: The current RMS/CAD systems are handled with IMC/Tritech software. Although this system has served the needs of the departments for 15+ years, it no longer meets the evolving public safety technology. It is a single-jurisdiction antiquated software platform with: limited enhancement & development, redundancy of effort, limited transparency/visibility to community, limited mobile and web-based functionality that decreases officer productivity, and requires specialized IT capabilities and long lead times for reports and crime analysis challenges.

A new software is sought for improved mobile computing and analysis tools, management dashboards, multi-disciplinary, and multi-jurisdictional expandable capabilities for future potential collaborations with surrounding communities/mutual aide.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Serve Growth	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Useful Website Links:

- [Portsmouth Police Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other (GF Non Operating)	100%		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$500,000
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$500,000

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IV. TRANSPORTATION MANAGEMENT



TSM-05-PW-48: FREE PUBLIC PARKING/SHARED LOT AGREEMENTS

Department	Public Works – Parking and Transportation Division
Project Location	Citywide
Project Type	Rehabilitation of a facility
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The City makes free parking lots for long-term parking available to citizens and visitors in close proximity to Downtown Portsmouth. The City maintains shared lot agreements with a number of private company owners, including the Masonic Association and Connect Community Church.

Useful Website Links:

- [Public Works Homepage](#)
- [Park Portsmouth](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Unmet Parking Credits	17%							\$0	\$104,500	\$104,500
Revenues (Parking)	83%	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000	\$137,000	\$497,000
PPP	0%							\$0	\$0	\$0
	Totals	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$360,000	\$241,500	\$601,500

TSM-12-PW-49: PARKING LOT PAVING

Department	Public Works: Parking and Transportation Division
Project Location	Citywide
Project Type	Paving and Lot Upgrades
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: Similar to city streets, parking lots require maintenance and periodic repaving. The City owns metered parking lots (Bridge Street, Worth Lot, Court Street and Memorial Bridge Lot) and six (6) unmetered parking lots (Prescott Park, Parrott Avenue, South Mill Pond, Leary Field, Municipal Complex and Rockland Street).

Useful Website Links:
<ul style="list-style-type: none"> Public Works Homepage Park Portsmouth FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues (Parking)	100%	\$300,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000	\$1,000,000	\$1,800,000
PPP	0%							\$0	\$0	\$0
	Totals	\$300,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000	\$1,000,000	\$1,800,000

TSM-08-PW-50: PARKING METERS

Department	Public Works – Parking and Transportation Division
Project Location	Downtown Business District
Project Type	Upgrade Existing Facilities
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The City is looking to replace aging multi-space parking meters with updated technology, allowing for a greatly enhanced end user experience. Additionally, new technology will allow for enhanced reporting metrics, smoother credit card transactions and site-specific messaging.

Useful Website Links:
<ul style="list-style-type: none"> • Public Works Homepage <ul style="list-style-type: none"> • Park Portsmouth • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues (Parking)	100%	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$270,000	\$270,000	\$540,000
PPP	0%							\$0	\$0	\$0
Totals		\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$270,000	\$270,000	\$540,000

TSM-15-PL/NH-51: HAMPTON BRANCH RAIL TRAIL (NH SEACOAST GREENWAY)

Department	Planning Department
Project Location	Former Hampton Branch Rail Line
Project Type	New Construction
Commence FY	2017
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The abandoned rail corridor from Portsmouth to Hampton includes 3.6 miles in Portsmouth. This corridor has been designated as the future off-road route of the NH Seacoast Greenway. The NH Department of Transportation has funding to acquire the rail corridor, as well as partial funding to convert it to a multi-use trail. NHDOT continues to negotiate with the current owner (PanAm Railways) to acquire the right-of-way. Once acquired, design and construction will be done through a collaboration between NHDOT and corridor communities. The Portsmouth portion will be constructed in phases, beginning with the 0.8 mile segment between Barberry Lane and Route 33. The project cost estimates assume that the City will be responsible for 40% of design and construction costs.

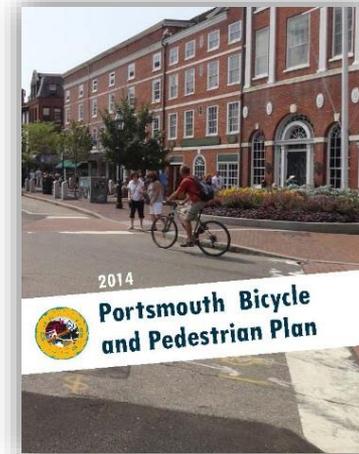
Useful Website Links:
<ul style="list-style-type: none"> • Planning Department Homepage • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	27%		\$206,000	\$200,000				\$406,000	\$544,000	\$950,000
Fed/ State	73%	\$1,800,000	\$200,000	\$580,000				\$2,580,000	\$0	\$2,580,000
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$1,800,000	\$406,000	\$780,000	\$0	\$0	\$0	\$2,986,000	\$544,000	\$3,530,000

TSM-15-PL-52: BICYCLE/PEDESTRIAN PLAN IMPLEMENTATION

Department	Planning Department and Public Works
Project Location	Citywide
Project Type	Construction or expansion of a public facility, street or utility
Commence FY	Ongoing
Priority	O (Ongoing)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project is to implement the projects identified in the Bicycle and Pedestrian Plan. Demand for bicycle and pedestrian facilities continues to grow and these funds will be used as opportunities become available to expand and improve the City-wide bicycle and pedestrian networks.

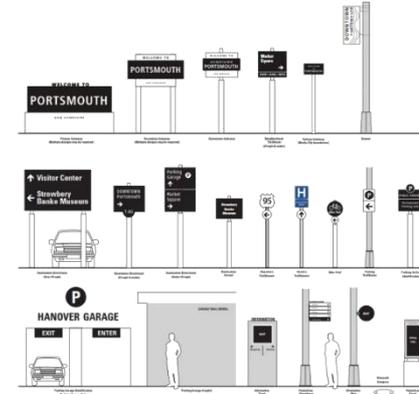
Useful Website Links:
<ul style="list-style-type: none"> • Planning Department Homepage • Bicycle & Pedestrian Planning <ul style="list-style-type: none"> • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	28%	\$30,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$280,000	\$100,000	\$380,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	72%							\$0	\$1,000,000	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$30,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$280,000	\$1,100,000	\$1,380,000

TSM-08-PL-53: WAYFINDING SYSTEM

Department	Planning Department and Public Works
Project Location	Citywide
Project Type	New Construction
Commence FY	Ongoing
Priority	O (On-going)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Master Plan 2005 , Wayfinding Analysis 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The City’s Wayfinding System is designed to help visitors navigate efficiently to major destinations within the Downtown and throughout the City, using a variety of tools (both physical and virtual). The system is designed to assist pedestrians, bicyclists and transit users, as well as motorists. The program includes a phased program for implementation over several years; and is designed to be easy to maintain.

Useful Website Links:

- [Planning Department Homepage](#)
- [Wayfinding Program](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	21%							\$0	\$305,000	\$305,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues (Parking)	79%	\$275,000	\$350,000					\$625,000	\$540,000	\$1,165,000
PPP	0%							\$0	\$0	\$0
Totals		\$275,000	\$350,000	\$0	\$0	\$0	\$0	\$625,000	\$845,000	\$1,470,000

TSM-17-PL-54: NORTH MILL POND MULTI-USE PATH

Department	Planning Department and Public Works
Project Location	North Mill Pond Shoreline Market St to Barlett St.
Project Type	Construction or expansion of public facility
Commence FY	2017
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The North Mill Pond Multi-Use Path will be a paved path for use by bicycles and pedestrians extending from Market Street to Bartlett Street, with a brief on-road connection on Maplewood Ave. As proposed, the path will be a minimum of ten-feet (10') wide and two-feet (2') of clear space on either side. This project is anticipated to be done in collaboration with private investment.

Useful Website Links:

- [Planning Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	3%							\$0	\$100,000	\$100,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	78%					\$2,500,000		\$2,500,000	\$500,000	\$3,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	19%					\$500,000		\$500,000	\$250,000	\$750,000
	Totals	\$0	\$0	\$0	\$0	\$3,000,000	\$0	\$3,000,000	\$850,000	\$3,850,000

TSM-19-PL-55: HODGSON BROOK

Department	Planning Department
Project Location	Hodgson Brook from North Mill Pond to Route 1 Bypass
Project Type	Rehabilitation of a Facility
Commence FY	TBD
Priority	C (Can be placed on hold for after 6 years)
Impact on Operating Budget	



Description: Hodgson Brook restoration and public access will involve restoring the brook's shoreland and habitat and creating a passive path for pedestrians for the portion of Hodgson Brook that extends from the North Mill Pond Multi-Use Path to the Route 1 Bypass. As proposed this project would require "daylighting" the brook in some locations by the relocating existing buildings as well as associated environmental remediation. This project is anticipated to be done in collaboration with private development.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study - Watershed Restoration Plan for Hodgson Brook 2004 (https://www.des.nh.gov/organization/divisions/water/wmb/was/hodgson/index.htm)	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	Y

Useful Website Links:

- [Planning Department Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TSM-08-PW/NH-56: US ROUTE 1 NEW SIDEPATH CONSTRUCTION

Department	Planning Department and Public Works
Project Location	US Route 1 from Andrew Jarvis to Elwyn Rd
Project Type	New Construction
Commence FY	2021
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project calls for creation of a walkable and bike-able connection for neighborhoods and destinations along Route 1 through construction of ten ft. sidepaths on each side of road in available NH DOT right-of-way. This will be a phased project, the first phase of which will extend from the intersection of Elwyn Road/Peverly Hill Road to Heritage Ave to correspond with the NHDOT Route 1 Corridor Project. Most of the project falls within NHDOT jurisdiction, and requires coordination and permission from the state agency to implement and maintain. A separate but related project would add ADA-Compliant crosswalks and actuated pedestrian signals to cross Lafayette Rd at key intersections.

Useful Website Links:

- [Public Works Homepage](#)
- [Planning Department Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	30%		\$130,000	\$295,000				\$425,000	\$0	\$425,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	70%					\$1,000,000		\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$130,000	\$295,000	\$0	\$1,000,000	\$0	\$1,425,000	\$0	\$1,425,000

TSM-16-PW/NH-57: US ROUTE 1 CROSSWALKS AND SIGNALS

Department	Public Works
Project Location	US Route 1 Lafayette Road from Elwyn Road/ Peverly Hill Road to Rye town line
Project Type	Construction or expansion of a public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: Project supports US Route 1 Sidepath project (separate project) in order to improve bicycle and pedestrian safety crossing US Route 1 / Lafayette Rd. Includes addition of ADA-compliant crosswalks and actuated pedestrian signals to cross Lafayette Rd at Campus Dr, Elwyn Rd, Heritage Ave, Ocean Rd / Longmeadow Rd, Wilson Rd, and White Cedar Blvd.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	35%		\$50,000	\$110,000	\$110,000			\$270,000	\$0	\$270,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP (Walmart)	65%							\$0	\$500,000	\$500,000
	Totals	\$0	\$50,000	\$110,000	\$110,000	\$0	\$0	\$270,000	\$500,000	\$770,000

TSM-15-PW-58: MARKET SQUARE UPGRADE

Department	Public Works
Project Location	Market Square
Project Type	Rehabilitation of Existing Facilities
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: Market Square, in its current configuration, was constructed in 1977. Minor improvements have been completed over the years. Streets around the Square have been upgraded. Upgrades to sidewalks and lighting are now required in the Square. Water, sewer, drainage and electrical upgrades are also needed.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	9%							\$0	\$100,000	\$100,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	91%		\$1,000,000					\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$100,000	\$1,100,000

TSM-01-PW-59: SPINNEY ROAD SIDEWALK AND INTERSECTION CONSTRUCTION

Department	Public Works
Project Location	Spinney Road
Project Type	Construction or expansion of a new public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: Project would construct new sidewalks on corridor between Islington Street and Middle Road. It would also improve the intersection at Spinney Road and Islington Street. Spinney Road connects the commercial section of the Islington Street corridor with the residential neighborhoods off Middle Road. Pedestrians regularly use the street even though it lacks adequate sidewalk and shoulder.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$175,000						\$175,000	\$225,000	\$400,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$175,000	\$0	\$0	\$0	\$0	\$0	\$175,000	\$225,000	\$400,000

TSM-19-PW-60: SAGAMORE AVENUE SIDEWALK

Department	Public Works
Project Location	Sagamore Ave
Project Type	Construction or expansion of a public facility, street or utility
Commence FY	2021
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project will entail construction of a new sidewalk along Sagamore Avenue from Odiorne Point Road to the Moose Club access road.

Useful Website Links:
<ul style="list-style-type: none"> Public Works Homepage

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$200,000					\$200,000	\$0	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
Totals		\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

TSM-17-PW-61: ELWYN PARK SIDEWALKS PHASE I

Department	Public Works
Project Location	Elwyn Park (McKinley Rd, Harding Rd, Van Buren Rd, Filmore Rd)
Project Type	Construction or expansion of public facility
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project will provide safe pedestrian connections throughout the Elwyn Park Neighborhood. These improvements will be implemented in phases. The first phase will include roads with immediate access to the Dondero School.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	20%			\$78,000	\$150,000			\$228,000	\$20,000	\$248,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	80%						\$980,000	\$980,000	\$0	\$980,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$78,000	\$150,000	\$0	\$980,000	\$1,208,000	\$20,000	\$1,228,000

TSM-18-PW-62: ELWYN ROAD SIDEWALK EXTENSION/ SIDEPATH

Department	Public Works
Project Location	Elwyn Park (from Route 1 to Tucker's Cove)
Project Type	Construction or expansion of public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Minimal (\$5,002 to \$50,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study - Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project will add a multi-use side path for bicycles and pedestrians along Elwyn Road, extending from Route 1 to Harding Road, and continuing the side path and/or sidewalk with on-road bicycle route to the Rye line.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	6%				\$90,000			\$90,000	\$0	\$90,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	94%						\$1,500,000	\$1,500,000	\$0	\$1,500,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$90,000	\$0	\$1,500,000	\$1,590,000	\$0	\$1,590,000

TSM-18-PW-63: BANFIELD ROAD PEDESTRIAN ACCOMMODATIONS

Department	Public Works
Project Location	Banfield Road
Project Type	Construction or expansion of public facility
Commence FY	2021
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Banfield Road Conceptual Design & Master Plan Summary	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project provides pedestrian accommodations (either sidewalk or multi-use path) on Banfield Road from Ocean Road to Heritage Drive. These accommodations were identified by the 2015 Banfield Road Master Plan. They will connect Ocean Road to the future Hampton Branch Rail Trail. Design engineering and permitting is currently being completed in conjunction with the Banfield Road Culvert Design Project.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%						\$375,000	\$375,000	\$0	\$375,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$375,000	\$375,000	\$0	\$375,000

TSM-95-PW-64: CITYWIDE SIDEWALK RECONSTRUCTION PROGRAM

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of Existing Facilities
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Sidewalk Condition Index 2015	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This program coincides with the ongoing Bicycle and Pedestrian Plan. The sidewalk inventory consists of over seventy (70) miles of sidewalks, made from asphalt, concrete, brick, or stone. Reconstruction work is required to bring these to standard. The work is based on need and coordinated with other street improvements. To prioritize sidewalk upgrades, the Public Works Department has completed a sidewalk condition inventory. This project includes sidewalks identified as being in poor to fair condition.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%		\$800,000		\$800,000		\$800,000	\$2,400,000	\$2,400,000	\$4,800,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$800,000	\$0	\$800,000	\$0	\$800,000	\$2,400,000	\$2,400,000	\$4,800,000

TSM-95-PW-64 : Citywide Sidewalk Reconstruction Program

PROPOSED CAPITAL IMPROVEMENTS-SIDEWALKS

Fiscal Years 2018 and 2019

PROPOSED CAPITAL IMPROVEMENTS - EXISTING SIDEWALKS

*Sidewalk

Colonial Dr Area

Woodbury Ave (Market to Gosling)

Bartlett St

Willard Ave

Thornton St/ Stark St.

Clinton

Suzanne Dr

Miscellaneous

*Project completion will be depend on available funds and bid results.

TSM-10-PW-65: CITYWIDE TRAFFIC SIGNAL UPGRADE PROGRAM

Department	Public Works
Project Location	Citywide
Project Type	Upgrade Existing Infrastructure
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The City continues to replace antiquated signal systems throughout the City. These replacements 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.

Useful Website Links:
<ul style="list-style-type: none"> • Public Works Homepage • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$600,000	\$1,200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$600,000	\$1,200,000

TSM-11-PW-66: CITYWIDE INTERSECTION IMPROVEMENTS

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of a facility
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The Parking and Traffic Safety (PTS) Committee receives numerous requests from neighborhoods throughout the City regarding traffic volumes, motor vehicle speeds, and pedestrian safety. A majority of these requests deal with street intersections, which would be enhanced with minor modifications to the geometry of the streets at the intersections. This project would fund improvements to various intersections involving realignment, curbing, signage and other traffic calming methods. These slight modifications would improve safety for both pedestrian and motor vehicle traffic. The Greenleaf Avenue and Lafayette Road intersection has been identified as a difficult intersection, which needs improvement.

Useful Website Links:
<ul style="list-style-type: none"> • Public Works Homepage • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%		\$100,000		\$100,000		\$100,000	\$300,000	\$300,000	\$600,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$300,000	\$300,000	\$600,000

TSM-16-PW-67: RUSSELL/MARKET INTERSECTION UPGRADE

Department	Public Works
Project Location	Russell and Market Streets
Project Type	Rehabilitation of Existing Facilities
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Moderate (\$50,001 to \$100,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Serve Growth	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The volume of traffic at the intersection of Russell and Market Streets has increased over time. Improvements to the intersection are needed to improve traffic flow and safety. This work is anticipated to be completed in conjunction with the Market Street Gateway Project as well as with nearby private development projects.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	15%	\$200,000						\$200,000	\$0	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	75%		\$1,000,000					\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	9%	\$50,000						\$50,000	\$75,000	\$125,000
	Totals	\$250,000	\$1,000,000	\$0	\$0	\$0	\$0	\$1,250,000	\$75,000	\$1,325,000

TSM-17-PW/NH-68: PEIRCE ISLAND BRIDGE REPLACEMENT

Department	Public Works
Project Location	Peirce Island
Project Type	Construction or expansion of Public facility
Commence FY	2023
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Negligible (<\$5,001)



Description: A recently completed bridge inspection found the Peirce Island Bridge needs to be replaced within the next 5 to 10 years. Interim repairs have been completed to ensure use until 80% State DOT bridge funds are available. Replacement of the bridge will start after the Peirce Island Wastewater Treatment Facility Upgrade project is completed.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Peirce Island Bridge Study	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	Y

Useful Website Links:
<ul style="list-style-type: none"> • Public Works Homepage • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	80%					\$6,720,000		\$6,720,000	\$0	\$6,720,000
Bond/ Lease	20%					\$1,680,000		\$1,680,000	\$0	\$1,680,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
Totals		\$0	\$0	\$0	\$0	\$8,400,000	\$0	\$8,400,000	\$0	\$8,400,000

TSM-18-PW-69: CITYWIDE BRIDGE IMPROVEMENTS

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of a Facility
Commence FY	On-going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project provides for the maintenance of City bridges. Typical bridge maintenance activities include sealing the concrete surfaces, replacing the pavement surfaces, replacing the bridge membranes and replacing, maintaining or upgrading railing systems and fences. The FY19 funds are designated for the design and rehabilitation of the deck of the Kearsarge Way Bridge. The deck membrane is failing and the concrete deck is deteriorating due to heavy traffic loads and exposure to salt.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	50%		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$100,000	\$350,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	50%	\$350,000						\$350,000	\$0	\$350,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$350,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$600,000	\$100,000	\$700,000

TSM-10-PW-70: MAPLEWOOD AVENUE CULVERT REPLACEMENT

Department	Public Works
Project Location	Maplewood Avenue
Project Type	Rehabilitation of Existing Facility
Commence FY	2022
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project is the replacement of the Maplewood Avenue culvert at the North Mill Pond. The existing stone will be used to construct the seawalls. The project was identified as part of the Seawall Study completed in 2008. If state bridge aid funds are not available, general obligation bonding will be needed to complete the project.

- Useful Website Links:
- [Public Works Homepage](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	5%					\$200,000		\$200,000	\$0	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	95%						\$3,600,000	\$3,600,000	\$0	\$3,600,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$200,000	\$3,600,000	\$3,800,000	\$0	\$3,800,000

TSM-08-PW/NH-71: CATE STREET BRIDGE REPLACEMENT

Department	Public Works
Project Location	Cate Street
Project Type	Upgrade Existing Infrastructure
Commence FY	TBD
Priority	C (can be placed on hold for after 6 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This bridge is past its intended 50-year design life and truck loads are too heavy for it. The bridge needs to be replaced or closed. In FY05, the City began discussions with impacted property owners to investigate reopening Cate Street to the Bypass. This action could allow the bridge to close. The project is currently in the Long Range Plan for the RPC with construction and funding in FY2030.

Useful Website Links:
<ul style="list-style-type: none"> • Public Works Homepage • FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

TSM-03-PW-72: ISLINGTON STREET IMPROVEMENTS PHASE 2

Department	Public Works
Project Location	Islington Street from Dover Street to Congress Street
Project Type	Upgrade of Existing Facilities
Commence FY	2024
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Islington St. Improvement Action Plan (2009), Bicycle & Pedestrian Master Plan (2014)	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The Islington Street Improvement Action Plan was completed in 2009, with the goal of improving the appearance of Islington Street between Maplewood Avenue and Rt. 1 Bypass. This project involved development of a plan for capital improvements, regulatory strategies and non-regulatory public/private approaches to revitalization. The streetscape will be enhanced in a coordinated way as properties are improved through the site review process. Final design of the first phase is underway, with the first phase of improvements starting at Spinney Road, with construction anticipated for summer 2018. The final design and construction of Phase 2 will be from Dover Street to Congress Street.

Useful Website Links:
<ul style="list-style-type: none"> • Public Works Homepage

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%				\$2,000,000			\$2,000,000	\$0	\$2,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000	\$0	\$2,000,000

TSM-11-PW-73: TRANSPORTATION PLAN STUDIES AND DESIGNS

Department	Public Works
Project Location	Citywide
Project Type	Design work or planning study
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

This funding is to allow design work related to individual transportation projects, Parking and Traffic Safety (PTS) Committee referrals, or planning document implementation. These types of studies may include Corridor Studies, Truck Route and Neighborhood Circulation Studies. Land use has changed significantly over the last several years. These studies look at the Ordinance and existing conditions and propose changes to improve and protect the quality of life in Portsmouth.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	8%							\$0	\$20,000	\$20,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues (Parking)	92%	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$120,000	\$240,000
PPP	0%							\$0	\$0	\$0
	Totals	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$140,000	\$260,000

TSM-19-PW-74: CATE STREET CONNECTOR

Department	Public Works
Project Location	Cate Street
Project Type	Other (Explained Below)
Commence FY	2020
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Moderate (\$50,001 to \$100,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project will provide direct access from Bartlett Street at the Railroad Bridge to Route 1 Bypass at Borthwick Avenue traffic signal. Providing this connector will eliminate an existing truck route and reduce through traffic in the Creek Neighborhood.

Useful Website Links:

- [Public Works Homepage](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	20%		\$200,000					\$200,000	\$0	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	80%			\$800,000				\$800,000	\$0	\$800,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$200,000	\$800,000	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000

TSM-14-PW-75: LONGMEADOW ROAD EXTENSION

Department	Public Works
Project Location	Longmeadow Road
Project Type	New Road Construction
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: During the approval process for the new Service Credit Union on Lafayette Road, land and other improvements were set up to allow for expanding Longmeadow Road. It would connect with Lang Road near the back driveway to the Beechstone Apartment Complex. This road would remove left turn traffic from Lang Road onto US Route 1. Vehicle accidents and traffic congestion are common at this intersection. Lang Road traffic turning south on US Route 1 would be re-routed onto Longmeadow Road and ultimately to the Longmeadow, Ocean Road, US Route 1 traffic signal.

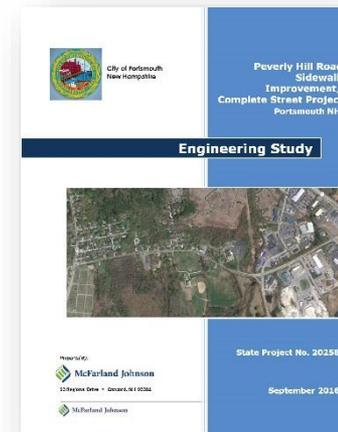
Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	26%							\$0	\$250,000	\$250,000
Fed/ State	32%	\$300,000						\$300,000	\$0	\$300,000
Bond/ Lease	42%	\$400,000						\$400,000	\$0	\$400,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000	\$250,000	\$950,000

TSM-16-PW/NH-76: PEVERLY HILL ROAD IMPROVEMENTS

Department	Public Works
Project Location	Peverly Hill Road
Project Type	Upgrade of Existing Facilities
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project will be completed in conjunction with the current Federal/State funded Congestion Mitigation sidewalk improvements project. It will upgrade approximately one (1) mile of Peverly Hill Road between Middle Rd (Route 33) and Lafayette Rd (Route 1). The project is intended to create a “complete street” including providing safe on-road and off-road connections for bicycles, continuous sidewalks and the required drainage improvements, utilities and roadway cross-section elements.

- Useful Website Links:
- [Public Works Homepage](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	6%							\$0	\$300,000	\$300,000
Fed/ State	9%							\$0	\$450,000	\$450,000
Bond/ Lease	86%	\$2,200,000	\$2,300,000					\$4,500,000	\$0	\$4,500,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$2,200,000	\$2,300,000	\$0	\$0	\$0	\$0	\$4,500,000	\$750,000	\$5,250,000

TSM-16-PW/NH-77: MARKET STREET GATEWAY IMPROVEMENTS

Department	Public Works
Project Location	Market Street
Project Type	Upgrade Existing Facilities
Commence FY	On-Going
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Moderate (\$50,001 to \$100,000)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Serve Growth	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project is a continuation of phased improvements along Market Street as it extends from I-95 to Deer Street. The next phase is anticipated to be constructed once the Sarah Long Bridge is completed.

- Useful Website Links:
- [Public Works Homepage](#)
 - [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	11%							\$0	\$357,000	\$357,000
Fed/ State	0%							\$0	\$5,000	\$5,000
Bond/ Lease	89%	\$1,700,000						\$1,700,000	\$1,100,000	\$2,800,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$1,700,000	\$1,462,000	\$3,162,000

TSM-94-PW-78: STREET PAVING, MANAGEMENT AND REHABILITATION

Department	Public Works
Project Location	Citywide
Project Type	Upgrade Existing Facilities
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Pavement Management Study	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: In 1993, the City began a Pavement Condition Management Program. This ongoing program produces a report showing existing conditions for each publicly owned street and a priority ranking for the best dollar investment. It has the ability to show "what if" scenarios and estimated project costs. These scenarios project future street conditions based on various levels of expenditures. The most recent report recommends spending \$1,500,000 per year to maintain street conditions at the current level. These are capital costs. They are implemented over a two-year period with all work lasting 20 years. The Public Works operational budget includes costs associated with maintenance work with an expected life of 10 years.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%		\$3,000,000		\$3,000,000		\$3,000,000	\$9,000,000	\$8,500,000	\$17,500,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$3,000,000	\$0	\$3,000,000	\$0	\$3,000,000	\$9,000,000	\$8,500,000	\$17,500,000

TSM-94-PW-78 : ROADWAY: Street Paving, Management and Rehabilitation

PROPOSED CAPITAL IMPROVEMENTS-STREETS

Fiscal Years 2018 and 2019

*Street

State Street (Cass to Middle)

Union (Middle to Islington)

Coffin's Court

Andrew Jarvis

Morning Street

Osprey Drive Area

Elwyn Park Area

Pleasant Street

Chapel Street (Bow to Daniels)

Miscellaneous

*Project completion will be depend on available funds and bid results.

TSM-16-PW-79: SOUTH STREET IMPROVEMENTS

Department	Public Works
Project Location	South Street – Junkins to Lafayette
Project Type	Upgrade of Existing Facilities
Commence FY	2021
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study - Bicycle & Pedestrian Plan (2014)	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Serve Growth	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: South Street is a major corridor for traffic in and out of the downtown core. It has been identified as a Safe Route to School for pedestrians and bicyclists in the 2014 Bicycle and Pedestrian Plan. This road needs complete reconstruction. This project will incorporate the complete street components, and will include: a new road bed, underdrains, surface drainage, water, sewer, and gas utility work.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	100%			\$100,000	\$100,000			\$200,000	\$0	\$200,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$200,000	\$0	\$200,000

TSM-11-PW-80: PEASE INTERNATIONAL TRADEPORT ROADWAY REHABILITATION

Department	Public Works
Project Location	Pease International Tradeport
Project Type	Upgrade of Existing Facilities
Commence FY	On-Going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: Per the Municipal Service Agreement between the City of Portsmouth and Pease Development Authority, the City will provide public work services in the Non-Airfield Area of the Pease International Tradeport. Services include maintaining and repairing roads, streets, bridges and sidewalks. On the following page are the streets and roads that need improvements.

Useful Website Links:

- [Public Works Homepage](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%		\$750,000		\$750,000		\$750,000	\$2,250,000	\$3,500,000	\$5,750,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$750,000	\$0	\$750,000	\$0	\$750,000	\$2,250,000	\$3,500,000	\$5,750,000

TSM-11-PW-80 : ROADWAY: Pease International Tradeport Roadway Rehabilitation

PEASE INTERNATIONAL TRADEPORT

*Street

Rochester Avenue

Aviation Drive

Arboretum Drive

International Drive

Miscellaneous

*Project completion will be depend on available funds and bid results.

TSM-15-PW-81: JUNKINS AVENUE

Department	Public Works
Project Location	Junkins Avenue
Project Type	Upgrade of Existing Facilities
Commence FY	2020
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Bicycle and Pedestrian Plan 2014	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



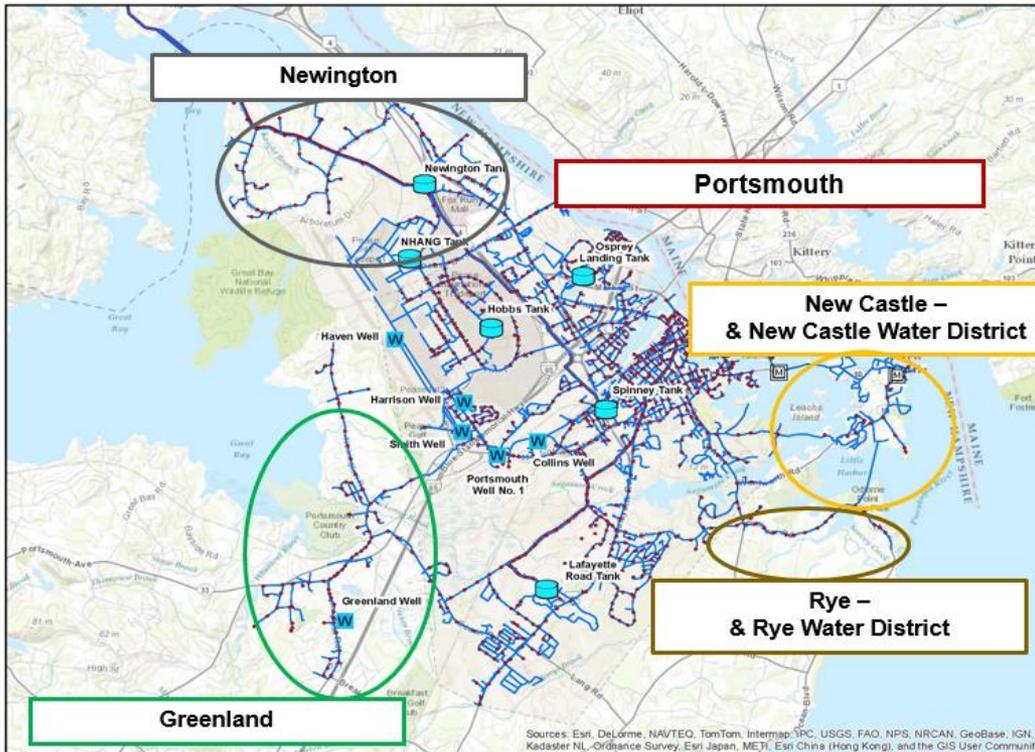
Description: This project will be completed in conjunction with drainage and sidewalk improvements. The goal of this project is to create a "complete street".

Useful Website Links:
<ul style="list-style-type: none"> Public Works Homepage FY18-23 CIP page

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	12%					\$150,000		\$150,000	\$0	\$150,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	88%						\$1,100,000	\$1,100,000	\$0	\$1,100,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$150,000	\$1,100,000	\$1,250,000	\$0	\$1,250,000

V. ENTERPRISE FUNDS

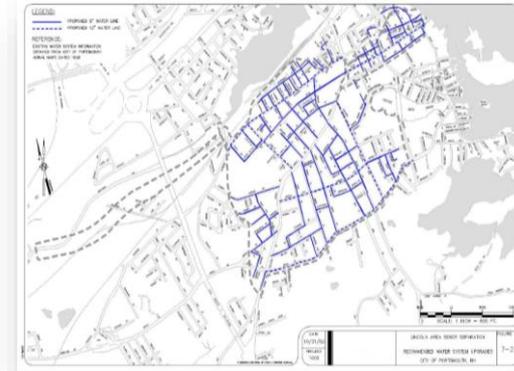
WATER



EF-02-WD-82: ANNUAL WATER LINE REPLACEMENT

Department	Public Works
Project Location	Citywide
Project Type	Upgrade to Existing Facilities
Commence FY	On-Going
Priority	O (On-going)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Water System Master Plan	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: 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. Pipes are replaced programmatically as part of water specific capital projects, roadway reconstruction and prior to annual paving. This item will fund the purchase of pipe, valves and associated materials used to replace those pipes. Bond funds for large full road reconstruction projects.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	32%	\$500,000		\$500,000		\$500,000		\$1,500,000	\$4,150,000	\$5,650,000
Other	0%							\$0	\$0	\$0
Revenues	68%	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000	\$10,340,000	\$11,840,000
PPP	0%							\$0	\$0	\$0
	Totals	\$750,000	\$250,000	\$750,000	\$250,000	\$750,000	\$250,000	\$3,000,000	\$14,490,000	\$17,490,000

EF-08-WD-83: WELL STATIONS IMPROVEMENTS

Department	Public Works
Project Location	Citywide
Project Type	Upgrade of Existing Facilities
Commence FY	On-going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – 2013 Water System Master Plan	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The project consists of upgrades to existing well pump stations. The improvements include upgrades to premium efficiency motors, variable frequency drives and improvements to the radio telemetry SCADA system. This project also includes an evaluation of options to improve the efficiency of Collins Well and structural upgrades to the building.

Useful Website Links:

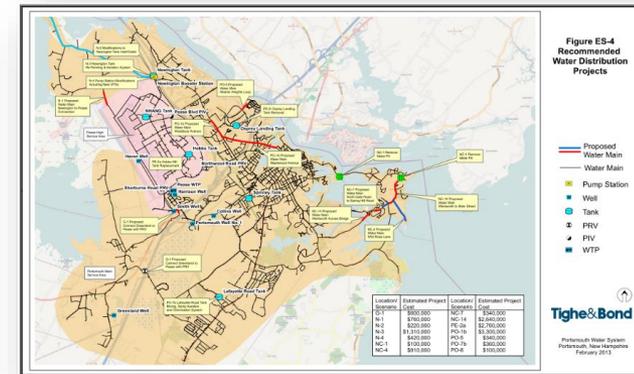
- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	30%					\$700,000		\$700,000	\$0	\$700,000
Other	0%							\$0	\$0	\$0
Revenues	70%	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$1,000,000	\$1,600,000
PPP	0%							\$0	\$0	\$0
	Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000	\$100,000	\$1,300,000	\$1,000,000	\$2,300,000

EF-13-WD-84: WATER SYSTEM PRESSURE AND STORAGE IMPROVEMENTS

Department	Public Works
Project Location	City-Wide
Project Type	Upgrade of Existing Facilities
Commence FY	Ongoing
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – 2013 Water System Master Plan	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project consists of improvement to water mains, pumps and storage to improve water flow and pressure in the water system. Work will be performed in portions of the water system as well as sections of the system which have been identified as needing upgrades as part of the water system hydraulic model and master plan update completed in 2013 and routine updates to the water system model.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	93%	\$2,200,000						\$2,200,000	\$1,750,000	\$3,950,000
Other	0%							\$0	\$0	\$0
Revenues	7%							\$0	\$300,000	\$300,000
PPP	0%							\$0	\$0	\$0
	Totals	\$2,200,000	\$0	\$0	\$0	\$0	\$0	\$2,200,000	\$2,050,000	\$4,250,000

EF-15-WD-85: RESERVOIR MANAGEMENT

Department	Public Works
Project Location	Citywide
Project Type	Upgrade of Existing Facilities
Commence FY	On-going
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Water System Master Plan, Tighe and Bond, May 2013	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	



Description: This project consists of the study, design and implementation of measures to ensure the sustainability of the dam and the Bellamy Reservoir, which is the surface water supply for the Portsmouth Water Treatment Facility in Madbury. This includes an engineering assessment of the condition of the Bellamy Reservoir Dam and the design and implementation of measures to improve the dam structure; the design and construction of an improved outlet flow structure; and the purchase of land or conservation easements for the protection of the Bellamy Reservoir water quality.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	59%					\$1,000,000		\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	41%	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	\$100,000	\$700,000
PPP	0%							\$0	\$0	\$0
	Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$1,100,000	\$100,000	\$1,600,000	\$100,000	\$1,700,000

EF-18-WD-86: MADBURY WELL 5

Department	Public Works
Project Location	Citywide
Project Type	Construction or expansion of a new public facility, street or utility
Commence FY	2019
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Water System Master Plan, Tighe and Bond, May 2013	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: The project consists of construction a well building to house meters, controls, valving and chemical feed equipment for the connection of the newly installed Well 5 to the transmission main from Madbury.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%		\$750,000					\$750,000	\$0	\$750,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$750,000	\$0	\$0	\$0	\$0	\$750,000	\$0	\$750,000

EF-18-WD-87: NEW GROUNDWATER SOURCE

Department	Public Works
Project Location	Citywide
Project Type	Construction or expansion of a new public facility, street or utility
Commence FY	2018
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Water System Master Plan, Tighe and Bond, May 2013	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project consists of constructing, permitting and connecting a new groundwater supply well into the Portsmouth water system. This project is important to ensure long-term sustainability of the water supply.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	88%			\$1,250,000	\$1,250,000			\$2,500,000	\$0	\$2,500,000
Other	0%							\$0	\$0	\$0
Revenues	12%	\$50,000	\$100,000					\$150,000	\$200,000	\$350,000
PPP	0%							\$0	\$0	\$0
	Totals	\$50,000	\$100,000	\$1,250,000	\$1,250,000	\$0	\$0	\$2,650,000	\$200,000	\$2,850,000

EF-18-WD-88: WATER TRANSMISSION MAIN REPLACEMENT

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of a Facility
Commence FY	2018
Priority	A (needed within 0 to # years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Transmission Main Study, Stantec 2016 (Draft)	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: This project consists of design and construction of water transmission mains beneath Little Bay to replace existing mains which are over 60 years old. Preliminary investigations of the existing water mains and valves have identified degraded conditions. Due to the importance of this water main, this project is necessary to ensure water is continuously supplied from Madbury to Portsmouth and service is not disrupted.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	96%			\$6,000,000				\$6,000,000	\$0	\$6,000,000
Other	0%							\$0	\$0	\$0
Revenues	4%							\$0	\$250,000	\$250,000
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$6,000,000	\$0	\$0	\$0	\$6,000,000	\$250,000	\$6,250,000

EF-19-WD-89: WILLARD AVENUE WATER MAINS

Department	Public Works
Project Location	Willard Avenue, Orchard Street, Ash Street (Willard to Orchard)
Project Type	Rehabilitation of a Facility
Commence FY	2020
Priority	A (needed within 0 to # years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: 2010 Long Term Control Plan Update	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: This project is part of the City's ongoing combined sewer separation. The project includes water, sewer, drainage and streetscape modifications on Willard Avenue, Orchard Street, and a portion of Ash Street. A portion of Willard Avenue has already been reconstructed following sewer separation in 2015. This area was previously identified for sewer separation and will complete this area of the Lincoln Avenue area drainage basin to Middle Street. Funding for sewer improvements will come from the enterprise fund.

Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	80%				\$1,000,000			\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	20%							\$0	\$250,000	\$250,000
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$250,000	\$1,250,000

EF-03-WD-90: ISLINGTON STREET PHASE 2 WATER MAINS

Department	Public Works
Project Location	Islington street
Project Type	Rehabilitation of a Facility
Commence FY	2024
Priority	A (needed within 0 to # years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	



Description: This project funds the reconstruction of Islington Street from Dover Street to Congress Street as part of the Islington Street Phase 2 project. The project includes water, sewer, drainage and streetscape modifications. Funding for water improvements will come from the enterprise fund.

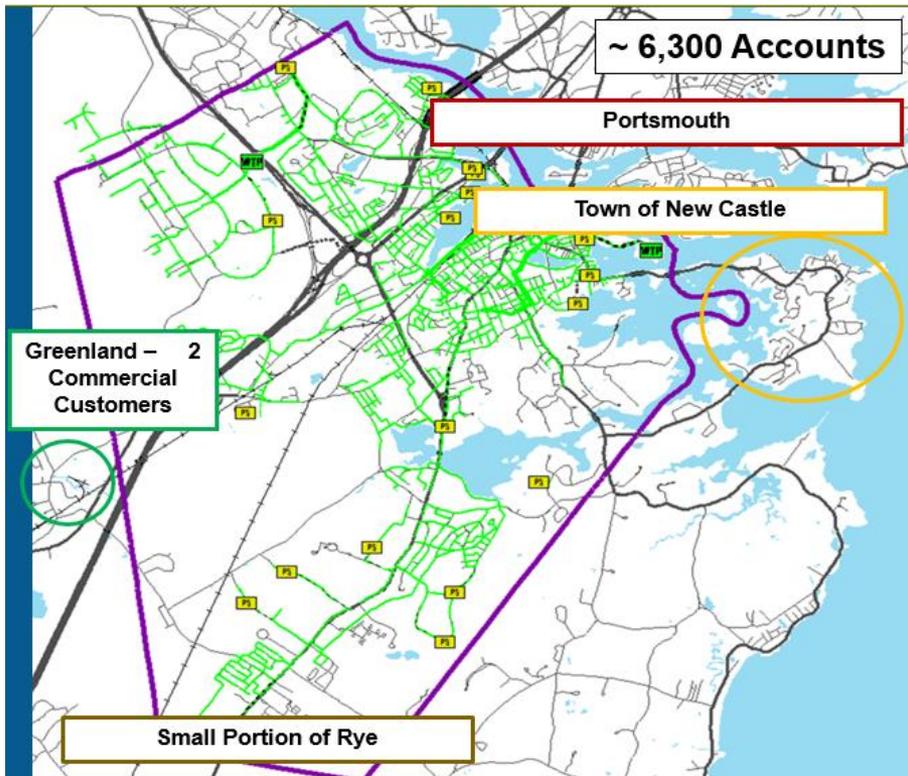
Useful Website Links:

- [Public Works Homepage](#)
- [Water Department](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	8%							\$0	\$500,000	\$500,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	92%				\$2,000,000			\$2,000,000	\$3,500,000	\$5,500,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000	\$4,000,000	\$6,000,000

V. ENTERPRISE FUNDS

SEWER



EF-18-SD-91: CONSENT DECREE MITIGATION

Department	Public Works
Project Location	Various
Project Type	Other (Explained Below)
Commence FY	2018
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)



Description: The City of Portsmouth entered into a Consent Decree with the Environmental Protection Agency in 2009. The City moved forward with the requirements of the Consent Decree and had to modify the final schedule for the required expansion of the Peirce Island Wastewater Treatment Facility. As a result of this modification, the City committed to certain projects. The capital type projects include implementing a \$500,000 green infrastructure stormwater project and construction of a low pressure sewer system on Sagamore Avenue north and south of Sagamore Creek and will be funded with this item.

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	97%	\$400,000	\$2,500,000					\$2,900,000	\$40,000	\$2,940,000
Other	0%							\$0	\$0	\$0
Revenues	3%							\$0	\$100,000	\$100,000
PPP	0%							\$0	\$0	\$0
	Totals	\$400,000	\$2,500,000	\$0	\$0	\$0	\$0	\$2,900,000	\$140,000	\$3,040,000

EF-12-SD-92: PEASE WASTEWATER TREATMENT FACILITY

Department	Public Works
Project Location	Pease WWTF at Corporate Dr
Project Type	Upgrade of Existing Facilities
Commence FY	2017
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	High (\$100,001 or more)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study – Pease WWTF Evaluation, Underwood Engineers, Jan 2014 (Draft)	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	



Description: This project addresses capital needs at the Pease Wastewater Treatment Facility (WWTF). Parts of this plant date back to the original 1950s construction and are beyond their useful life. Design and construction of an upgrade of the Headworks at the WWTF is ongoing with previous years' funding. These costs are for upgrades to the aging facility and to meet anticipated new NPDES permit limits. The City continues to work with Industrial Users to address upgrades necessary to meet their capacity needs. The schedule, scope and costs of this work will be coordinated with the industries that discharge to the WWTF.

Useful Website Links:

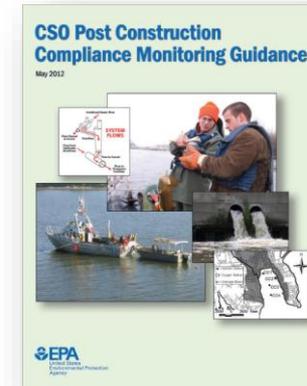
- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	93%	\$7,200,000						\$7,200,000	\$5,050,000	\$12,250,000
Other	0%							\$0	\$0	\$0
Revenues	7%							\$0	\$900,000	\$900,000
PPP	0%							\$0	\$0	\$0
	Totals	\$7,200,000	\$0	\$0	\$0	\$0	\$0	\$7,200,000	\$5,950,000	\$13,150,000

EF-16-SD-93: LONG TERM CONTROL PLAN RELATED PROJECTS

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of a Facility
Commence FY	Ongoing
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study - Infiltration and Inflow Study & Post Construction Monitoring Plan	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	



Description: The City has a combined sewer collection system and is required by the Environmental Protection Agency to implement a Long Term Control Plan to reduce and otherwise mitigate combined sewer overflows. The City is moving forward with a Supplemental Compliance Plan (SCP) that stipulates sewer separation projects to be constructed by 2023. The SCP projects are funded under other items. This project includes the costs for study, design and construction of other Long Term Control Plan projects, such as a Long Term Control Plan Update (beginning in 2023), infiltration and inflow identification and removal, sump pump removal programs, and other mitigations projects.

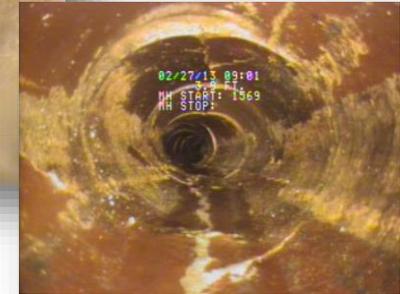
Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	100%	\$200,000	\$100,000	\$100,000	\$50,000	\$250,000	\$250,000	\$950,000	\$1,000,000	\$1,950,000
PPP	0%							\$0	\$0	\$0
	Totals	\$200,000	\$100,000	\$100,000	\$50,000	\$250,000	\$250,000	\$950,000	\$1,000,000	\$1,950,000

EF-12-SD-94: ANNUAL SEWER LINE REPLACEMENT

Department	Public Works
Project Location	Citywide
Project Type	Upgrade of Existing Facilities
Commence FY	On Going
Priority	O (Ongoing or Programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The wastewater collection system consists of more than one-hundred fifteen (115) miles of pipe. Many of the older pipes are fifty (50) to one-hundred (100) years old, undersized and at the end of their design life. Pipes are replaced programmatically as part of sewer specific capital projects, roadway reconstruction and prior to annual paving. This item will fund the purchase of pipes and associated materials used to replace those pipes.

Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	54%	\$500,000		\$500,000		\$500,000		\$1,500,000	\$5,500,000	\$7,000,000
Other	0%							\$0	\$0	\$0
Revenues	46%	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000	\$4,500,000	\$6,000,000
PPP	0%							\$0	\$0	\$0
	Totals	\$750,000	\$250,000	\$750,000	\$250,000	\$750,000	\$250,000	\$3,000,000	\$10,000,000	\$13,000,000

EF-17-SD-95: UNION STREET RECONSTRUCTION

Department	Public Works
Project Location	Union Street from State Street to Middle Street
Project Type	Construction or Expansion of a public facility
Commence FY	2017
Priority	A (needed within 0 to 3 years)
Impact on Operating Budget	Reduce (will reduce Operating Costs)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study : 2005 Long Term Control Plan	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This project is part of the City's ongoing Combined Sewer Overflow Long Term Control Plan in accordance with the EPA Supplemental Compliance Plan. The project includes water, sewer, drainage and streetscape modifications on Union Street from Middle Street to State Street. The project will also address side streets, including Coffins Court and sections of Austin Street.

Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	72%	\$700,000						\$700,000	\$0	\$700,000
Other	0%							\$0	\$0	\$0
Revenues	28%							\$0	\$275,000	\$275,000
PPP	0%							\$0	\$0	\$0
	Totals	\$700,000	\$0	\$0	\$0	\$0	\$0	\$700,000	\$275,000	\$975,000

EF-17-SD-96: WASTEWATER PUMPING STATION IMPROVEMENTS

Department	Public Works
Project Location	Citywide
Project Type	Rehabilitation of Existing Facility
Commence FY	Ongoing
Priority	O (ongoing or programmatic)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study: Conceptual Opinion of Cost Heritage Avenue Pumping Station and Pump Station Master Plan	Y
Improves Quality of Existing Services	
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: The City owns and operates twenty (20) wastewater pumping stations. The projected life span of a pumping station is twenty (20) years. This project plans for the replacement or major rehabilitation of the pumping stations that have not been included as separate projects. The work will follow the recommendations of a wastewater pumping station master plan that is currently being developed.

Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	96%		\$500,000		\$500,000		\$500,000	\$1,500,000	\$4,600,000	\$6,100,000
Other	0%							\$0	\$0	\$0
Revenues	4%							\$0	\$250,000	\$250,000
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$500,000	\$0	\$500,000	\$0	\$500,000	\$1,500,000	\$4,850,000	\$6,350,000

EF-13-SD-97: MECHANIC STREET PUMPING STATION UPGRADE

Department	Public Works
Project Location	113 Mechanic Street
Project Type	Upgrade of Existing Facilities
Commence FY	2021
Priority	B (needed within 4 to 6 years)
Impact on Operating Budget	Reduce (will reduce Operating Costs)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: This pumping station project will include a comprehensive upgrade to the City's largest pumping station to improve its operation and efficiency. The City purchased the adjacent property and will be working on a site master plan for the area from the pump station to Peirce Island Road. The site master plan will be a public process. It will address the park, pump station, and access to the water in this area. The new pump station will take into consideration the site use and improve the station's overall aesthetics to reduce impact to the neighborhood.

Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	100%					\$1,000,000	\$9,000,000	\$10,000,000	\$0	\$10,000,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$0	\$1,000,000	\$9,000,000	\$10,000,000	\$0	\$10,000,000

EF-19-SD-98: WILLARD AVENUE SEWERS

Department	Public Works
Project Location	Willard Avenue, Orchard Street, Ash Street (Willard to Orchard)
Project Type	Rehabilitation of a Facility
Commence FY	2020
Priority	A (needed within 0 to # years)
Impact on Operating Budget	Negligible (<\$5,001)



Evaluation Criteria	Satisfy
Identified in Planning Document or Study – 2010 Long Term Control Plan Update	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	
Addresses Public Health or Safety Need	Y
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	Y
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	Y
Eligible for Matching Funds with Limited Availability	

Description: This project is part of the City's ongoing combined sewer separation. The project includes water, sewer, drainage and streetscape modifications on Willard Avenue, Orchard Street, and a portion of Ash Street. A portion of Willard Avenue has already been reconstructed following sewer separation in 2015. This area was previously identified for sewer separation and will complete this area of the Lincoln Avenue area drainage basin to Middle Street. Funding for sewer improvements will come from the enterprise fund.

Useful Website Links:

- [Public Works Department](#)
- [Sewer Department](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 18-23	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	80%				\$1,000,000			\$1,000,000	\$0	\$1,000,000
Other	0%							\$0	\$0	\$0
Revenues	20%							\$0	\$250,000	\$250,000
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$250,000	\$1,250,000

EF-03-SD-99: ISLINGTON STREET PHASE 2 SEWERS

Department	Public Works
Project Location	Islington Street from Dover Street to Congress Street
Project Type	Rehabilitation of a Facility
Commence FY	2024
Priority	A (needed (needed within 0 to 3 years)
Impact on Operating Budget	Negligible (<\$5,001)

Evaluation Criteria	Satisfy
Identified in Planning Document or Study	
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	Y
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	



Description: This project funds the reconstruction of Islington Street from Dover Street to Congress Street. It is part of the Islington Street Phase 2 project. The project includes water, sewer, drainage and streetscape modifications. Funding for sewer improvements will come from the enterprise fund.

Useful Website Links:

- [Public Works Department](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	8%							\$0	\$500,000	\$500,000
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	92%				\$2,000,000			\$2,000,000	\$3,500,000	\$5,500,000
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$0	\$0
PPP	0%							\$0	\$0	\$0
	Totals	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000	\$4,000,000	\$6,000,000

EF-18-SD-100: REGIONAL DIGESTER FACILITY AT PEASE WWTF

Department	Public Works
Project Location	Pease WWTF
Project Type	Construction or Expansion of a public facility
Commence FY	2018
Priority	C (Can be placed on hold for after 6 years)
Impact on Operating Budget	Reduce



Evaluation Criteria	Satisfy
Identified in Planning Document or Study	Y
Improves Quality of Existing Services	Y
Provides Added Capacity to Existing Services	Y
Addresses Public Health or Safety Need	
Reduces Long-Term Operating Costs	Y
Alleviates Substandard Conditions or Deficiencies	
Provides Incentive to Economic Development	
Responds to Federal or State Requirement	
Eligible for Matching Funds with Limited Availability	

Description: Construction of a regional anaerobic digester facility for stabilizing sewage sludges, food wastes, and fats, oils, and greases. The facility would reduce sewer operating costs for sewage sludge disposal and potentially generate revenues through tipping fees and cogeneration of electricity. Costs for construction, operation and maintenance may be shared utilizing a public private partnership. A feasibility study will determine sizing, capital and operational costs, regional participation, private partnership participation and modifications necessary at the Pease WWTF for this project.

Useful Website Links:

- [Public Works Department](#)
- [FY18-23 CIP page](#)

		FY19	FY20	FY21	FY22	FY23	FY24	Totals 19-24	6 PY's Funding	Totals
GF	0%							\$0	\$0	\$0
Fed/ State	0%							\$0	\$0	\$0
Bond/ Lease	0%							\$0	\$0	\$0
Other	0%							\$0	\$0	\$0
Revenues	0%							\$0	\$50,000	\$50,000
PPP	100%			\$1,500,000		\$16,500,000		\$18,000,000	\$0	\$18,000,000
	Totals	\$0	\$0	\$1,500,000	\$0	\$16,500,000	\$0	\$18,000,000	\$50,000	\$18,050,000

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Appendix I. Citizen Requested Projects



CIP Year	Location	Type	Description	Submitter	Submitter Address	Staff Comment
2018	Andrew Jarvis (Intersection of Andrew Jarvis Drive and Lafayette Road)	New Construction	Add new traffic signal	Stephen Bergeron	199 Wibird Street	This was added to the CIP in FY2018 (TSM-PW-21)
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	John A. Byron	346 Bartlett St	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Jen Chapnick	97 Meredith Way	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Alison Clode	151 Stark Street	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Bob Cook	112 Burkitt Street	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Anne M. D'Averson	123 Sprawhawk St	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	William Davis	339 Barlett Street	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Carla Dow	6 Cuttts Ave	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Claire Dube	173 Start St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Julia Gindele	229 Clinton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Benjamin Goss	6 Pine St	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	James Gould	248 Thornton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Catherine Harris	166 Clinton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Theresa Hill	340 Thornton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Pamela Hodgkins	303 Bartlett St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Marianne Janik	21 Burkitt St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Elizabeth Jefferson	111 Sparhawk St	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Nancy and Brian Johnson	81 Clinton St	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Elizabeth Kinney	337 Thornton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Scott McDermott	120Thornton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Sarah McLaughlin	161 Thornton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Lindsey Mogren	11 Burkitt St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Melinda Mulligan	130 Thornton St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Jennifer Neslon	149 Sparhawk St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Michael O'Connor	153 Sparhawk St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Anne Poubeau	160 Bartlett St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Louie A. Prince	302A Bartlett St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Dawn Przychodzien	111 Sparhawk St	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Mireille Salmon (mimi)	232 Bartlett St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Johnathan Sandberg	160 Bartlett St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Matthew Schaepe	149 Sparhawk St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Jim Sparling	108 Sparhawk St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Swanne M. Stawartz	891 Elwyn Rd.	This is being put forward as a new CIP project for FY19.

CIP Year	Location	Type	Description	Submitter	Submitter Address	Staff Comment
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Barbara Timmons	26 Sparhawk St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Sam and Amanda Tombarelli	382 Bartlett St.	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Don and Becky Bardell	314 Bartlett	This is being put forward as a new CIP project for FY19.
2019	Cate Street Connector	New Construction	A desire to reroute traffic away from Bartlett St by way of a Cate Street Connector	Joann Wyckoff	135 Sparhawk St.	This is being put forward as a new CIP project for FY19.B38:G39
2018	Elwyn Road	New Construction	Install safe bike and pedestrian path along road	Christine Groleau	30 Oakwood Drive	This was added to the CIP in FY2018 (TSM-PW-15)
2018	Goodwin Park	New Construction	Update / install new lighting for Park	Tom Waterman	43 Cornwall Street	Recommended addressing through the CIP project for parks and playgrounds, which is an ongoing item in the CIP.
2019	Greenleaf Ave (Intersection at Greenleaf Ave and Lafayette Road)	Road Closure	Close access to Greenleaf Ave from Lafayette Road for Reasons of Safety	Stephen and Suzy Gagnon	29 Hillside Drive	Recommend evaluating through the City's Neighborhood Traffic Calming Program process.
2018	Haven Park	Rehabilitation of a Facility	Park path improvements and lighting	Mary Cline	395 Pleasant Street	Recommend addressing through the CIP project for parks and playgrounds, which is an ongoing item in the CIP.
2019	Islington St. Crosswalk	Crosswalk Installation	Desire for a crosswalk at Albany St on Islington St.	Sara Curry	800 Islington St, 10C	This is already planned as part of the City's Islington Street Corridor project, which is currently in design. Construction is anticipated to begin in 2018.
2018	Madison Street (between State Street and Austin Street)	New Construction	Install curbs and sidewalks, plant street trees	Lee Frank	169 Madison Street	Recommended that the sidewalk and street trees get held for consideration in the future, should any redevelopment of these properties occur. At present, there is a sidewalk on the other side of the street in this section. Traffic calming concerns can be evaluated through the Neighborhood Traffic Calming Program process, which we have recently started.
2018	Manning Street (18)	New Construction	Reconstruct curbing and build sidewalk in front of 18 Manning St	Judith L. Hiller	18 Manning Street	Staff is not recommending this project at this time.
2018	Mark Street	New Construction	Repave street	Jason Jenkins	35 Mark Street	Recommended addressing through the City's street paving, management, and rehabilitation program.
2019	Maynard Park	Rehabilitation of a Facility	Expressing a desire to reopen the park under the I-95 Bridge after the high rise rehab project is complete including an extension similar to that of the Memorial Bridge.	Jon McBride	505 Kearsarge Way	Once the rehab project on the bridge is complete, the City is planning to coordinate with the state about the potential for re-opening the park.
2018	Parrot/ Rogers Street	Rehabilitation of a Facility	Reduce of corner radius at the intersection of Parrot and Rogers Street to slow traffic speeds	Jason Jenkins	35 Mark Street	Recommended evaluating through the City's Neighborhood Traffic Calming Program process.
2018	Penhallow St (126-128)	Rehabilitation of a Facility	Repair / regrade brick sidewalk in front of property	Cynthia & Everett Barnes	136 High Street, Exeter, NH	Recommended addressing through the City's annual sidewalk improvement program.
2018	Pleasant Street	Rehabilitation of a Facility	Repair/ replace sidewalks, improve street lighting, re-surface road, improve drainage	Mary Cline	395 Pleasant Street	This was added to the CIP in FY2018 (TSM-PW-31).
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Don and Judy Albertson	345 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	William Cassidy	180 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	William Cassidy (duplicate)	180 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Michael and Gail Clark	175 Gosport Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Jeff Londres	340 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Carolyn Mannering	340 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Chiran and Jan Jayartne	101 Gosport Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Michael and Lynn Marsh	69 Gosport Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Richard Lyons	92 Gosport Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Joan Lyons	92 Gosport Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Carla Henderson	205 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Nancy and Zachary Slater	101 Odiome Point Road	This is being put forward as a new CIP project for FY19.
2018	Sagamore Ave (Approx #1163 to Odiome Point Road Intersection)	New Construction	Extend sidewalk to Tuckers Cove neighborhood	Rebecca Spencer and Shawn Kulkowski	149 Odiome Point Road	This is being put forward as a new CIP project for FY19.

Type	Description	Submitter	Submitter Address	Staff Comment
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Don and Joyce Marchand	63 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Jack and Rosemary Gardner	50 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Janis Timerman	55 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Michael and Donna Glodziak	68 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Angie and Michael Bloom	34 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Keith Orr	260 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Kelly Orr	260 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Lee Horgan	148 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	William and Susan Riffer	163 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Ashlie and Tim Peters	104 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Erica and Joshua Greenspan	193 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Alexandra Heidinger	81 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Daniela and Chris O'Neill	199 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Kevin and Julie McCana	210 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Michael and Julie Bean	236 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Ron and Nancy Polind	166 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Gricel Goodman	120 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Kevin and Vergie Clover	20 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Kate Hester Siler	75 Odiome Point Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Susan Stevens	43 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Mildre and Joseph Errico	154 Gosport Road	This is being put forward as a new CIP project for FY19.
New Construction	Extend sidewalk to Tuckers Cove neighborhood	Joyce and John O'Reilly	119 Gosport Ave.	This is being put forward as a new CIP project for FY19.
Rehabilitation of a Facility	Reconstruction of Sagamore Ave road and sidewalks from south of Little Harbor Road to Shaw Road	Board of Directors Tidewatch Condominium Association	579 Sagamore Avenue, Units #1 through #122	Recommended holding this project for future consideration as a CIP project. Sidewalk issues may be addressed through the annual sidewalk program.
Rehabilitation of a Facility	Replacement of sidewalk with concrete and curbing	Manuel S. Garganta	471 Colonial Drive	Recommended addressing through the City's annual sidewalk improvement program.
Land Acquisition	Purchase land for public park space	Sarah Gatchell	120 Hillcrest Dr	Staff is not recommending this project at this time.
New Construction	Add new sidewalk from Islington street to Middle Road	Robert Patterson	180 Spinney Road	This is an existing CIP project.
Rehabilitation of a Facility	Sidewalk Repair	Lennie Mullaney	248 Willard Ave	Recommend addressing through the City's annual sewer line replacement and sidewalk program.

Type	Description	Submitter	Submitter Address	Staff Comment
Rehabilitation of a Facility	Complete road and sidewalk reconstruction and address odors	Rhiis Buswell, Rachel Minnihan and Patrick Minnihan	150 Willard Avenue	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Complete road improvements, sidewalk repairs, improve drainage	William Collins	111 Willard Avenue	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility		Patricia Edwards	23 Willard Ave	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Sidewalk repairs, improve drainage	Curtis and Julianne Johnson	192 Willard Ave	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Sidewalk repairs, improve drainage	Deborah Luff and David Luff	97 Ash Street	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Sidewalk repairs, improve drainage	Tim Malinowski	91 Lafayette Road	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Completion of Willard Ave sidewalk and sewer project	John and Denise Pettigrew	67 Willard Avenue	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Complete road and sidewalk reconstruction, address drainage and odors	Brian and Martha Ratay	139 Willard Avenue	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Sidewalk repairs	Thomas Silverman	171 Willard Avenue	Recommend addressing through the City's annual sewer line replacement and sidewalk program.
Rehabilitation of a Facility	Completion of Willard Ave sidewalk and sewer project	Kevin and Jill Underwood	238 Willard Avenue	Recommend addressing through the City's annual sewer line replacement and sidewalk program.

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Appendix II. NHDOT Portsmouth Projects



NHDOT Portsmouth Projects

NHDOT Project #	Route/Road	Program / Category	Scope	Funding Years*	Total State/Fed Funding*	Reference Document**
15731	US 1 Bypass (Sarah Mildred Long Bridge)	Red List Bridge	Bridge Replacement, US 1 Bypass over Piscataqua River	2017-2019	\$ 208,345,546	State Transportation Improvement Program 2017-2020 Update
16189	I-95 Bridge (High Level Bridge)	Bridges	Rehabilitation of Bridge over Piscataqua River	2018-2019	\$ 8,104,888	State Transportation Improvement Program 2017-2020 Update
13455D	US 1 Bypass (Woodbury Ave & Stark St Bridges)	Red List Bridge	Replace Woodbury Ave and Stark St bridges over Bypass	2021	\$ 7,860,534	State Ten Year Transportation Improvement Plan 2017 - 2026
20258	Peeverly Hill Rd	CMAQ	See CIP project description	2017	\$ 441,830	State Transportation Improvement Program 2017-2020 Update
27690	US 1 Bypass (Culvert of Hodgson Brook)	Red List Bridge	Culvert replacement at Hodgson Brook Bridge # 192/106	2018-2019	\$ 4,202,253	State Transportation Improvement Program 2017-2020 Update
29640	US Route 1 road improvements	Highway	Road improvements from Constitution to Wilson and from Ocean to White Cedar Blvd	2017-2020	\$ 9,067,840	State Transportation Improvement Program 2017-2020 Update
40642	Maplewood Ave Complete Street	Highway	See CIP project description (Fed funding is 80% of project costs)	2022-2025	\$ 655,334	State Ten Year Transportation Improvement Plan 2017 - 2026
26485	Hampton Branch Rail Corridor (Hampton to Portsmouth)	CMAQ	Purchase rail corridor from Hampton to Portsmouth and improve trail surface.	2017	\$ 4,464,374	State Transportation Improvement Program 2015-2018 Update
28757	Lafayette Rd / Middle St Bicycle Lanes	SRTS	See CIP description	2017	\$ 88,534	State Ten Year Transportation Improvement Plan 2017 - 2026 and local agreement
40562	Portsmouth International Airport	Airport	Preservation, modernization, and/or expansion of airport facilities; planning studies.	2017-2026	\$ 52,362,778	State Ten Year Transportation Improvement Plan 2017 - 2026
29781	Woodbury Ave, Market St, Granite St	CMAQ	Upgrade 5 existing signals	2015-2017	\$ 516,142	State Transportation Improvement Program 2017-2020 Update
40644	Market St Railroad Crossing	CMAQ	Upgrade railroad crossing	2033-2026	\$ 997,115	State Ten Year Transportation Improvement Plan 2017 - 2026
27898	Railroad crossings at Barberrry Lane, Gosling Rd, Green St, Michael Succi Dr, Maplewood Ave	HSIP	Reconstruct 5 railroad crossings	2017-2018	\$ 1,257,900	Local commitment agreement
*Projects may have been funded in prior years. Total funding includes prior years as well. Total funding does not include local match portion (if applicable).						
**NHDOT prepares updates to the State Ten Year Transportation Improvement Plan (STYP) every two years.						
The STYP outlines planned projects and programs funded with Federal and State transportation dollars for the next 10 years.						
The Statewide Transportation Improvement Program (STIP) is the four-year state project listing for federally-funded projects.						

Appendix III. Studies Listed within the CIP



Appendix III. Studies Listed within the CIP

1. [2005 Long Term Control Plan](#)
2. [2010 Long Term Control Plan Update](#)
3. [2015 Recreational Field Report](#)
4. [2017 Prescott Park Master Plan](#)
5. [2017 Strategic Vision for Vaughan, Worth and Bridge](#)
6. Banfield Road Conceptual Design & Master Plan Summary
7. [Bicycle and Pedestrian Plan 2014](#)
8. [Blue Ribbon Committee on Sagamore Creek Land](#)
9. [Cemetery Existing Conditions Assessment and Restoration Plan \(2013\)](#)
10. [Coastal Resilience Initiative](#)
11. [Comprehensive Recreation Needs Study 2010](#)
12. Conceptual Opinion of Cost Heritage Avenue Pumping Station
13. [Consent Decree Second Modification](#)
14. Facilities Needs Evaluations
15. [Final Report – Blue Ribbon Senior Committee](#)
16. Goodman Report on the Survey of the Municipally Owned Historic Artifacts and Documents in Portsmouth, New Hampshire
17. Hazard Mitigation Plan
18. [Historic Properties Climate Change Vulnerability Assessment](#)
19. [Infiltration and Inflow Study](#)
20. [Islington Street Improvement Action Plan \(2009\)](#)
21. Local Emergency Operations Plan
22. [Master Plan 2005](#)
23. [Master Plan 2025](#)
24. [Pavement Conditions Index](#)
25. [Pavement Management Study](#)
26. [Pease WWTF Evaluation, Underwood Engineers, Jan 2014 \(Draft\)](#)
27. Peirce Island Bridge Study
28. [Peirce Island Master Plan 1999](#)
29. [Police Department Facility Study](#)
30. Post Construction Monitoring Plan
31. Pump Station Master Plan (in Development)
32. [Self Assessment of FD Operations – April 2015](#)
33. [Sidewalk Conditions Index 2015](#)
34. [Stormwater Master Plan](#)
35. [Structural Evaluation, Walker, 2015](#)
36. [Transmission Main Study, Stantec 2016 \(Draft\)](#)
37. [Water System Master Plan \(2013\)](#)
38. [Wayfinding Analysis 2014](#)

Appendix IV. Historic Document Restoration Index



Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Inventories 7, 8, 9 combine - 1600's	1600	1600's	sew	\$ 120.00	\$ 120.00	\$ 15.00	\$ 1,155.00
Final tax list	1800	1900	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Town Records Vol. 4, 1807-1821	1807	1821	Mylar, option	\$ 280.00	\$ 280.00	\$ 30.00	\$ 3,296.00
Town Records Vol. 4, 1807-1821 (DUP)	1807	1821	sewn option				\$ 2,327.00
Supplies to poor by Ward	1808	1808	Mylar, 1 Vol.	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Cash Accounts (Receipts and Expenditures)	1810	1815	Mylar, 1 Vol.	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Town Ledger for the Overseers of the Poor. Ledger B. 1812-1836. 229pp. UV	1812	1836	Mylar, 2 Vols.	\$ 230.00	\$ 230.00	\$ 30.00	\$ 2,790.00
Final Tax List 1817	1817	1817	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Overseers of the Poor. April 17, 1817-March 1838. 342pp. UV	1817	1838	sew	\$ 180.00	\$ 180.00	\$ 15.00	\$ 1,747.00
Town Records Vol. 5, 1821-1833	1821	1833	sewn	\$ 305.00	\$ 305.00	\$ 30.00	\$ 2,832.00
Final tax list	1825	1825	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Selectmen's Records 1825-1849	1825	1849	Mylar 2 vols.	\$ 255.00	\$ 255.00	\$ 60.00	\$ 3,024.00
Final tax list	1826	1826	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1827	1827	sew	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,435.00
Final tax list	1828	1828	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list 1829	1829	1829	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Valuation Book 1829	1829	1829		\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list 1830	1830	1830	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
[Overseers of the Poor] 1831-1838. 251pp Index UV	1831	1838	sew	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,373.00
Final tax list	1831	1831	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1832	1832	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1833	1833	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Town Records Vol. 6, 1833-1844	1833	1844	sewn	\$ 365.00	\$ 365.00	\$ 30.00	\$ 3,401.00
Final tax list	1834	1834	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
[Overseers of the Poor] January 1, 1835-January 21, 1841. UV	1835	1841	Mylar, 1 Vol.	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,215.00
Final tax list	1835	1835	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Record of Josiah Webster's Estate	1835	1839					\$ -
Final tax list	1836	1836	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1836	1836	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1837	1837	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1838	1838	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Receipts and expenditures	1838	1875	sew	\$ 400.00	\$ 400.00	\$ 15.00	\$ 4,015.00
Final tax list	1839	1839	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Portsmouth Almshouse. 1839-1841. UV	1839	1841	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Naturalization Papers c. 1840's - 1920's	1840	1920	Mylar, 1 vol	\$ 180.00	\$ 180.00	\$ 30.00	\$ 1,780.00
Final tax list	1841	1841	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1842	1842	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Marriages 1842-1879	1842	1879	sewn	\$ 230.00	\$ 230.00	\$ 30.00	\$ 2,016.00
Shipping Log	1842	1860	sew	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,131.00
Final tax list	1843	1843	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1843	1843	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
List of Engineers, Companies 1-5	1843	1843	Mylar, loose	\$ 50.00	\$ 50.00	\$ 15.00	\$ 515.00
Final tax list	1844	1844	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Town Records Vol. 7, 1844-1849	1844	1849	sewn	\$ 280.00	\$ 280.00	\$ 30.00	\$ 2,528.00
Final tax list	1845	1845	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1846	1846	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1847	1847	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Final tax list	1847	1847	sew	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Selectmen's Records 1848	1848	1848	Mylar 1 vol	\$ 155.00	\$ 155.00	\$ 30.00	\$ 1,198.00
City Records. Ward 1, Portsmouth, N.H. 1849-1865. BV	1849	1865	sew	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,115.00
City Records. Ward 3. Portsmouth, N.H. October 25, 1849-June 30, 1859. BV	1849	1859	sew	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,115.00
[Overseers of the Poor]. March 29, 1850-March 18, 1853. UV	1850	1853	sew	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Bills Approved	1850	1850	Mylar, 1 Vol.	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,055.00
City Records Vol. 1, 1850-1853	1850	1853	sewn	\$ 345.00	\$ 345.00	\$ 30.00	\$ 3,224.00
Final tax list	1850	1850	sew	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Ordinances Vol. 1, 1850-1874	1850	1874	sewn	\$ 205.00	\$ 205.00	\$ 30.00	\$ 1,978.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Overseers [of the Poor]. 1850-1868. UV	1850	1868	Mylar, 1 vol. (Priced to do with 833)	\$ 1,400.00	\$ 140.00	\$ 140.00	\$ 15.00	\$ 1,695.00
Final tax list	1851	1851	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Taxes Collected	1851	1860						\$ -
Final tax list	1852	1852	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Tax payments	1852	1861	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
[Overseers of the Poor]. March 25, 1853-April 9, 1856. UV	1853	1856	Mylar, 1 Vol.	\$ 1,000.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,215.00
Final tax list	1853	1853	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Folsom Births 1853-1890	1853	1890	sewn	\$ 700.00	\$ 155.00	\$ 155.00	\$ 30.00	\$ 1,040.00
Street lamps	1853	1918						\$ -
City Records vol. 2, 1854-1859	1854	1859	sewn	\$ 2,284.00	\$ 315.00	\$ 315.00	\$ 30.00	\$ 2,944.00
Final tax list	1854	1854	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Real estate sold to pay 1853 taxes	1854	1854						\$ -
Tax Abatement Ledger	1854	1875						\$ -
Taxes collected	1854	1855	Mylar, 2 vols.	\$ 3,500.00	\$ 300.00	\$ 300.00	\$ 30.00	\$ 4,130.00
[Preliminary Tax List]. 1855-1863. BV	1855	1863	Mylar, 2 vols.	\$ 3,500.00	\$ 300.00	\$ 300.00	\$ 30.00	\$ 4,130.00
Final tax list	1855	1855	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
City Records Vol. 3, 1856-1864	1856	1856	sewn	\$ 2,149.00	\$ 305.00	\$ 305.00	\$ 30.00	\$ 2,789.00
Overseers of the Poor. March 26, 1856-December 17, 1860. UV	1856	1860	Mylar, 1 vol. (Priced to do with 833)	\$ 1,400.00	\$ 140.00	\$ 140.00	\$ 15.00	\$ 1,695.00
County Pauper Ledger. November 1, 1857-1868. 168pp. Index. UV	1857	1868	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
[Receipt Book for Monies Paid to Teachers]. October 2, 1858-March 29, 1864. UV	1858	1864	Mylar 1 vol. (1029 and 1030 to be done together)	\$ 1,100.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ -
Final tax list	1858	1858	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
City Records. Ward 3. Portsmouth, N.H. July 14, 1859-November 16, 1868. BV	1859	1868	sew	\$ 880.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,115.00
Common Council meeting minutes, July 22, 1859-Feb. 25, 1873	1859	1873	sew	\$ 2,610.00	\$ 325.00	\$ 325.00	\$ 15.00	\$ 3,275.00
Final tax list	1859	1859	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Overseers of the Poor. December 23, 1860-January 1865. UV	1860	1865	sew	\$ 880.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,115.00
Taxes paid	1860	1862	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
[Payments to Military Dependents]. 1861-1865. 24pp. UV. Civil War	1861	1865	sew	\$ 880.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,115.00
Accounts	1861	1861	Mylar, 1 Vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Final tax list	1861	1861	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Record Book of Naturalized Citizens of Several Wards as Presented to the Board of Inspectors of Check Lists. City of Portsmouth, N.H. 1861-1894. 21pp. UV	1861	1894	Mylar, 1 vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Shipping Log	1861	1871	Mylar, 1 Vol.	\$ 1,055.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,270.00
Tax Sales	1861	1865						\$ -
[Overseers of the Poor]. 1862-1864. UV	1862	1864	Mylar, 1 Vol	\$ 800.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,015.00
Enrollment of Persons Liable to Do Military Duty July 1862, as Certified by the Assessors July 30, 1862, and August 20, 1862. Being Book Marked 2 in Their Certificate. 50pp. UV. Civil War	1862	1862	Mylar, 1 vol. (871, 872 and 873 to be combined)	\$ 1,650.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,865.00
Enrollment of Persons Liable to Do Military Duty July 1862, as Certified by the Assessors July 30, 1862, and August 20, 1862. Being Book Marked 2 in Their Certificate. 50pp. UV. Civil War	1863	1863	Mylar, 1 vol. (871, 872 and 873 to be combined)	\$ 1,650.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Expenditures	1862	1873						\$ -
Final tax list	1862	1862	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Index of people who received public funds	1862	1862	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
[Application Affidavits for Government Bounties]. UV. Civil War	1863	1870	Mylar, 1 vol.	\$ 1,800.00	\$ 180.00	\$ 180.00	\$ 15.00	\$ 2,175.00
Final tax list	1863	1863	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
List of Members of 2 Companies Heavy Artillery N.H. Volunteers Stationed at Fort Constitution, Portsmouth Harbor, 1863-4 and 5 with Residences or Post Office Address. 52pp. Index. UV. Civil War	1863	1865	Mylar, 1 vol. (871, 872 and 873 to be combined)	\$ 1,650.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
[Receipt Book for Monies Paid to Teachers]. July 1, 1864-December 31, 1867. UV	1864	1867	Mylar 1 vol. (1029 and 1030 to be done together)	\$ 1,100.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,335.00
City Records Vol 4, 1864-1866	1864	1864	sewn	\$ 2,064.00	\$ 305.00	\$ 305.00	\$ 30.00	\$ 2,704.00
Final tax list	1864	1864	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
[Preliminary Tax List]. Charles H. Shannon. Collector. 1865. BV	1865	1865	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Copies of letters	1865	1866						\$ -
Final tax list	1865	1865	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Overseers. 1865-1868. Alphabetized. UV	1865	1868						\$ -
[City Accounts] 1866 and 1877. 111pp. UV	1866	1877	sew	\$ 750.00	\$ 100.00	\$ 100.00		\$ 950.00
Final tax list	1866	1866	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Overseers of the Poor. January 3, 1866-March 19, 1873. UV	1866	1873	sew	\$ 880.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,115.00
Receipts and expenditures	1866	1867					\$ 15.00	\$ 15.00
Final tax list	1867	1867	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
City Records Vol 5, 1868-1878	1868	1868	sewn	\$ 2,006.00	\$ 305.00	\$ 305.00	\$ 30.00	\$ 2,646.00
City Records. Ward 3. Portsmouth, N.H. November 7, 1868-April 1, 1876. BV	1868	1876	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Final tax list	1868	1868	sew	\$ 1,225.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,560.00
Marriages c. 1868-1887	1868	1868	sewn	\$ 1,027.00	\$ 155.00	\$ 155.00	\$ 30.00	\$ 1,367.00
Payment Register	1868	1877	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Payroll for temporary City employees	1868	1877	Mylar, 1 Vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Taxes collected	1868	1869						\$ -
Final tax list	1869	1869	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Fuel distribution	1869	1871	Mylar, 1 Vol	\$ 1,250.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,515.00
[Sewer Entries]. January 1, 1870-November 22, 1893. 46pp. BV	1870	1893						\$ -
Final tax list	1870	1870	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Receipts and expenditures	1870	1870	sew	\$ 992.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,257.00
Final tax list	1871	1871	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Abatement applications	1872	1884	Mylar, 1 vol.	\$ 1,040.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,275.00
Final tax list	1872	1872	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
[Overseers of the Poor]. 1873-1878. Alphabetized. UV	1873	1878	Mylar, 1 Vol	\$ 1,250.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,515.00
City Records Vol 6, 1873-1878	1873	1873	sewn	\$ 2,047.00	\$ 305.00	\$ 305.00	\$ 30.00	\$ 2,687.00
Final tax list	1873	1873	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Ordinances Vol. 2, 1873-1886	1873	1873	sewn	\$ 1,273.00	\$ 180.00	\$ 180.00	\$ 30.00	\$ 1,663.00
Overseers [of the Poor]. 1873-1882. UV	1873	1882	Mylar, 1 Vol. (to be done with 859) priced as one	\$ 1,280.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,545.00
Final tax list	1874	1874	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Blank checks and filled-in check stubs	1875	1900						\$ -
Final tax list	1875	1900	sew	\$ 1,480.00	\$ 185.00	\$ 185.00	\$ 15.00	\$ 1,865.00
Final tax list	1875	1875	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Fire Department. 1875-1889. 216pp. UV	1875	1893	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Fire Department. Portsmouth, N.H. 1875-1882. UV	1875	1882	Mylar, 1 vol	\$ 1,000.00	\$ 115.00	\$ 115.00	\$ 15.00	\$ 1,245.00
Inquests. 1875-1876. 70pp. BV	1875	1876	Mylar, 1 vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
List of poor whose vaults and drains City cleaned and to whom City supplied wood for heat	1875	1884	Mylar, 1 vol.	\$ 920.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,135.00
Unidentified ward census, not dated	1875	1900	Mylar, 1 Vol. (to be done as 996 and 997) priced as one	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Unidentified ward census, not dated	1875	1900	Mylar, 1 Vol. (to be done as 996 and 997) priced as one	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Vital Records: Births in Ward Four, not dated	1875	1900	Mylar, 1 vol. (987, 988, 989, 990, 991, 992 to be combined)	\$ 1,200.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Final tax list	1876	1876	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Invoice	1876	1876						\$ -
Final tax list	1877	1877	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Invoice	1877	1877						\$ -
Record of Proceedings of the Overseers of the Poor of the City of Portsmouth. August 7, 1877-July 16, 1888. 218pp. UV	1877	1888	Mylar, 1 vol. (Done w/ #826)	\$ 1,230.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ 1,505.00
Census. Ward 1. April 1, 1878-May 8, 1878. 143pp. Index. BV	1878	1878	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Census. Ward 2. April 1, 1878-March 7, 1878. 157pp. BV	1878	1878	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
City Records Vol. 7 thru 15, 1878-1913 (9 vols.)	1878	1878	sewn	\$ 17,500.00	\$ 2,475.00	\$ 2,475.00	\$ 270.00	\$ 22,720.00
Final tax list	1878	1878	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Invoice	1878	1878	sew	\$ 960.00	\$ 120.00	\$ 120.00	\$ 15.00	\$ 1,215.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Receipts and expenditures	1878	1891	sew	\$ 960.00	\$ 120.00	\$ 120.00	\$ 15.00	\$ 1,215.00
Duplicate letters	1879	1882						\$ -
Final tax list	1879	1879	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Invoice	1879	1879	sew	\$ 1,000.00	\$ 100.00	\$ 125.00	\$ 15.00	\$ 1,240.00
Tax Abatement Ledger	1879	1880						\$ -
Vital Records: Births. Ward 2. 1879. 4pp. BV	1879	1879	Mylar, 1 vol. (987, 988, 989, 990, 991, 992 to be combined)	\$ 1,200.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Vital Records: Births. Ward 3. 1879. 5pp. BV	1879	1879	Mylar, 1 vol. (987, 988, 989, 990, 991, 992 to be combined)	\$ 1,200.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Vital Records: Ward 4. Births. 4pp. Undated [Probably 1879]. BV	1879	1879	Mylar, 1 vol. (987, 988, 989, 990, 991, 992 to be combined)	\$ 1,200.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,415.00
[Overseers of the Poor]. October 5, 1880-July 3, 1885. 36pp. UV	1880	1885	Mylar, 1 Vol. (to be done with 858) priced as one	\$ 1,280.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ -
Inventories	1880	1880	Mylar, 2 vols.	\$ 2,800.00	\$ 280.00	\$ 280.00	\$ 30.00	\$ 3,390.00
Invoice	1880	1880	sew	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Receipts and expenditures	1880	1889						\$ -
Receipts and expenditures	1880	1889						\$ -
Vital Records: Deaths. Ward 2. 1880-1881. 6pp. BV	1880	1881	Mylar, 1 vol. (987, 988, 989, 990, 991, 992 to be combined)	\$ 1,200.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Vital Records: Deaths. Ward 3. 1880 [Year determined by cross-referencing census data.] BV	1880	1880	Mylar, 1 vol. (987, 988, 989, 990, 991, 992 to be combined)	\$ 1,200.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Inventories	1881	1881						\$ -
Invoice	1881	1881	sew	\$ 920.00	\$ 115.00	\$ 115.00	\$ 15.00	\$ 1,165.00
Marriage Intentions 1881-1889	1881	1881	sewn	\$ 1,467.00	\$ 230.00	\$ 230.00	\$ 30.00	\$ 1,957.00
Invoice	1882	1882	sew	\$ 1,400.00	\$ 125.00	\$ 175.00	\$ 15.00	\$ 1,715.00
Invoice	1882	1882						\$ -
Vital Records: Deaths Registered in Ward 2. October 8, 1882-March 31, 1883. 4pp.	1882	1883	Mylar, 1 vol (998, 999 and 1000 to be combined)	\$ 850.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,085.00
Applications. January 2, 1883-September 1895. UV	1883	1895	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Birth register, Ward 1	1883	1883						\$ -
Birth register, Ward 4	1883	1883						\$ -
Final tax list	1883	1883	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Fire Department. 1883-1903. UV	1883	1903	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Invoice	1883	1883						\$ -
Vital Records: Ward Three death register	1883	1883	Mylar, 1 vol (998, 999 and 1000 to be combined)	\$ 850.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ -
[City Accounts] 1884-86. 216pp. UV	1884	1886	binder	\$ 1,925.00	\$ 275.00	\$ 275.00	\$ 15.00	\$ 2,490.00
Inventories	1875	1900	Mylar, 1 vol.	\$ 1,000.00	\$ 115.00	\$ 115.00	\$ 15.00	\$ 1,245.00
Census of unidentified ward	1884	1884	Mylar, 1 vol. (984 and 985 to be combined)	\$ 1,125.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,440.00
Final tax list	1884	1884	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Invoice	1884	1884	sew	\$ 1,040.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ 1,315.00
Invoice	1884	1884	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Board of Assessors' meeting minutes and abatements granted	1885	1897	Mylar, 2 Vols.	\$ 2,050.00	\$ 205.00	\$ 205.00	\$ 30.00	\$ 2,490.00
Final tax list	1885	1885	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Tax Abatement Ledger 1885	1885	1885						\$ -
Invoice	1886	1886	sew	\$ 1,400.00	\$ 175.00	\$ 175.00	\$ 15.00	\$ 1,765.00
Invoice	1886	1886	sew	\$ 960.00	\$ 120.00	\$ 120.00	\$ 15.00	\$ 1,215.00
Ordinances Vol. 3, 1886-1894	1886	1886	sewn	\$ 1,386.00	\$ 205.00	\$ 205.00	\$ 30.00	\$ 1,826.00
Enrollment. Wards 2 and 4. 1887. 218pp. BV	1887	1887	sew	\$ 800.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,015.00
Final tax list	1887	1887	sew	\$ 1,460.00	\$ 170.00	\$ 170.00	\$ 15.00	\$ 1,815.00
Invoice	1887	1887	sew	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Final tax list	1888	1888	sew	\$ 1,680.00	\$ 185.00	\$ 185.00	\$ 15.00	\$ 2,065.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Enrollment Ward 4	1884	1884	Mylar, 1 vol. (984 and 985 to be combined)	\$ 1,125.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Final tax list	1888	1888	sew	\$ 1,440.00	\$ 180.00	\$ 180.00	\$ 15.00	\$ 1,815.00
Invoice	1888	1888	sew	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Invoice	1888	1888	Mylar, 2 Vols.	\$ 1,800.00	\$ 180.00	\$ 180.00	\$ 30.00	\$ 2,190.00
Invoice	1889	1889	sew	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Invoice	1889	1889	Mylar, 1 vol.	\$ 1,400.00	\$ 140.00	\$ 140.00	\$ 15.00	\$ 1,695.00
Invoice	1889	1889	Mylar, 1 vol.	\$ 750.00	\$ 180.00	\$ 100.00	\$ 15.00	\$ 1,045.00
Annual Report for the State of New Hampshire 1890	1890	1890						
Final tax list	1890	1890	sew	\$ 1,440.00	\$ 180.00	\$ 180.00	\$ 15.00	\$ 1,815.00
Invoice	1890	1890						\$ -
Receipts and expenditures	1890	1899	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1890	1890	1890						\$ -
Annual report of the schools	1891	1891						\$ -
Dog Licenses. May 4, 1891-May 22, 1893. UV	1891	1893						\$ -
Final tax list	1891	1891	sew	\$ 1,440.00	\$ 180.00	\$ 180.00	\$ 15.00	\$ 1,815.00
Invoice	1891	1891						\$ -
Invoice	1891	1891						\$ -
Annual Report of the Board of Instruction and High School Committee of the City of Portsmouth	1892	1892						\$ -
Invoice	1892	1892						\$ -
Invoice	1892	1892						\$ -
Additional taxes	1893	1893	Mylar, 2 vols.	\$ 3,500.00	\$ 300.00	\$ 300.00	\$ 30.00	\$ 4,130.00
Inventory	1893	1893						\$ -
Invoice	1893	1893						\$ -
Vital Records: Intentions [Census]. 1893. 133pp. UV	1893	1893	Mylar, 1 vol (998, 999 and 1000 to be combined)	\$ 850.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ -
Inventory recapitulation	1894	1894						\$ -
Invoice	1894	1894						\$ -
Tax Abatement Ledger 1894	1894	1894						\$ -
Receipts and expenditures	1895	1900	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Register of City-owned property	1895	1895	binder	\$ 1,788.00	\$ 275.00	\$ 275.00	\$ 15.00	\$ 2,353.00
Inventories	1896	1896						\$ -
Invoice	1896	1896						\$ -
Annual Report of the Board of Instruction and High School Committee of the City of Portsmouth	1897	1897						\$ -
Inventories	1897	1897						\$ -
Invoice	1897	1897						\$ -
Invoice	1897	1897						\$ -
Inventories	1898	1898						\$ -
Invoice	1898	1898						\$ -
Annual Report for the State of New Hampshire 1899	1899	1899						
Inventories	1899	1899	Mylar, 4 vols.	\$ 4,750.00	\$ 475.00	\$ 475.00	\$ 60.00	\$ 5,760.00
Invoice	1899	1899						\$ -
Invoice	1899	1899						\$ -
Portsmouth Water Works' Cash Book. February 1, 1899-November 14, 1910. 134pp. PCY	1899	1910						\$ -
Receipts and expenditures	1899	1900	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Record of Dog Licenses. Portsmouth, N.H. April 6, 1899-September 7, 1901. 52pp. Indexed to owner. UV	1899	1901						\$ -
Blank printed forms for real estate tax sales	1900	1900						\$ -
Inventories	1900	1900	Mylar, 3 Vols.	\$ 5,500.00	\$ 550.00	\$ 550.00	\$ 45.00	\$ 6,645.00
Invoice	1900	1900	Mylar, 2 Vols. (Priced to do with 1136)	\$ 1,892.00	\$ 175.00	\$ 175.00	\$ 30.00	\$ 2,272.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Receipts and expenditures	1900	1901	Mylar, 1 vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Record of dog licenses	1900	1900						\$ -
Temporary loans	1900	1900						\$ -
Inventories	1901	1901						\$ -
Receipts and expenditures	1901	1901	sew	\$ 800.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,015.00
Index of Receipts and expenditures			Mylar, 1 vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Receipts and expenditures	1901	1901	Mylar, 1 vol (1185 and 1186 combined)	\$ 1,310.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ 1,585.00
Receipts and expenditures	1901	1901	sew	\$ 1,472.00	\$ 185.00	\$ 185.00	\$ 15.00	\$ 1,857.00
Register of City-owned property	1901	1901	Mylar, 2 vols.	\$ 3,750.00	\$ 250.00	\$ 250.00	\$ 30.00	\$ 4,280.00
Tax Exemptions for Manufacturing Companies	1901	1917	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Inventories	1902	1902	Mylar, 3 vols.	\$ 4,900.00	\$ 490.00	\$ 490.00	\$ 45.00	\$ 5,925.00
Invoice blotter of Board of Assessors	1902	1902	sew	\$ 2,200.00	\$ 275.00	\$ 275.00	\$ 15.00	\$ 2,765.00
Meeting minutes of the Board of Sinking Funds	1902	1925						\$ -
Payroll and temporary loan	1902	1903						\$ -
Receipts and expenditures	1902	1902	Mylar, 1 vol (1185 and 1186 combined)	\$ 1,310.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ -
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1902	1902	1902						\$ -
Abatements granted	1903	1904	Mylar 1 Vol (to be done with 964 and 965) Priced as one	\$ 1,350.00	\$ 135.00	\$ 135.00	\$ 15.00	\$ -
Inventories	1903	1903	Mylar, 3 vols.	\$ 4,900.00	\$ 490.00	\$ 490.00	\$ 45.00	\$ 5,925.00
Board of Assessors' minutes of meetings	1904	1904						\$ -
Inventories	1904	1904	Mylar, 2 vols.	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 30.00	\$ 1,830.00
Marriages 1904-1917	1904	1904	sewn	\$ 2,262.00	\$ 305.00	\$ 305.00	\$ 30.00	\$ 2,902.00
Payments	1904	1904						\$ -
Receipts and expenditures	1904	1904	Mylar, 1 Vol.	\$ 890.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,105.00
Receipts and expenditures	1904	1905	sew	\$ 1,568.00	\$ 200.00	\$ 200.00	\$ 15.00	\$ 1,983.00
Transactions of Board of Assessors	1904	1904						\$ -
Abatements granted	1905	1907	Mylar 1 Vol (to be done as 966,967 and 968) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Board of Assessors' meeting minutes	1905	1907	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Meeting minutes of Board of Overseers of the Poor	1905	1905	Mylar, 1 vol. (Priced to do w/ #825)	\$ 1,230.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ 1,505.00
Receipts and expenditures	1905	1905	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Ward Four supplies to poor	1905	1905	Mylar, 1 Vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Abatements granted	1906	1906	Mylar 1 Vol (to be done with 964 and 965) Priced as one	\$ 1,350.00	\$ 135.00	\$ 135.00	\$ 15.00	\$ -
Inventories	1906	1906	Mylar, 3 Vols.	\$ 2,100.00	\$ 210.00	\$ 210.00	\$ 45.00	\$ 2,565.00
Invoice	1906	1906	Mylar, 2 Vols. (Priced to do with 1135)	\$ 1,892.00	\$ 175.00	\$ 175.00	\$ 30.00	\$ -
Payroll and other expenditures	1906	1906						\$ -
Receipts and expenditures	1906	1906	Mylar, 1 vol.	\$ 1,080.00	\$ 110.00	\$ 110.00	\$ 15.00	\$ 1,315.00
Tax Collector's Records 1906-1908	1906	1908						\$ -
Voucher stubs	1906	1906						\$ -
Voucher stubs	1906	1906						\$ -
Abatements granted	1907	1907	Mylar 1 Vol (to be done as 966,967 and 968) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Aid to poor	1907	1907	Mylar, 1 Vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Tax Book 1907	1907	1907	sew	\$ 1,400.00	\$ 175.00	\$ 175.00	\$ 15.00	\$ 1,765.00
Annual Report of the City Auditor	1907	1907						\$ -
Board of Assessors' meeting minutes	1907	1922	Mylar, 1 vol.	\$ 1,260.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ 1,535.00
Charter and assessing laws	1907	1907						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Payments	1907	1907	Mylar, 1 Vol. (priced to do with 1132, 1133 and 1134)	\$ 950.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Payments and receipts	1907	1908	sew	\$ 1,600.00	\$ 200.00	\$ 200.00	\$ 15.00	\$ 2,015.00
Receipts and expenditures	1907	1907						\$ -
Receipts and expenditures	1907	1908	sew	\$ 1,840.00	\$ 230.00	\$ 230.00	\$ 15.00	\$ 2,315.00
Receipts and expenditures	1907	1920	sew	\$ 1,064.00	\$ 135.00	\$ 135.00	\$ 15.00	\$ 1,349.00
Register of City-owned property	1907	1907	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Tax Book 1907	1907	1907						\$ -
Voucher Register	1907	1908	sew	\$ 1,600.00	\$ 200.00	\$ 200.00	\$ 15.00	\$ 2,015.00
Ward Five election data	1907	1908	Mylar, 1 vol. (1003, 1004, 1005, 1006, and 1007 to be combined)	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Ward Four election data	1907	1908	Mylar, 1 vol. (1003, 1004, 1005, 1006, and 1007 to be combined)	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Ward One election data	1907	1908	Mylar, 1 vol. (1003, 1004, 1005, 1006, and 1007 to be combined)	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Ward Three election data	1907	1908	Mylar, 1 vol. (1003, 1004, 1005, 1006, and 1007 to be combined)	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Ward Two election data	1907	1908	Mylar, 1 vol. (1003, 1004, 1005, 1006, and 1007 to be combined)	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Abatements granted	1908	1912	Mylar 1 Vol (to be done with 964 and 965) Priced as one	\$ 1,350.00	\$ 135.00	\$ 135.00	\$ 15.00	\$ 1,635.00
Abatements granted	1908	1908	Mylar 1 Vol (to be done as 966,967 and 968) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1908	1908	1908	sew	\$ 1,400.00	\$ 175.00	\$ 175.00	\$ 15.00	\$ 1,765.00
Annual Report	1908	1908						\$ -
Annual Report of the City Auditor YE 12/31/1908	1908	1908						\$ -
Blank book of forms for applicants for aid	1908	1908						\$ -
Invoice	1908	1908	Mylar, 1 Vol. (priced to do w/ 1132, 1133, and 1134)	\$ 950.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Payments	1908	1908	Mylar, 1 Vol. (priced to do w/ 1132, 1133 and 1134)	\$ 950.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,165.00
Receipts and expenditures	1908	1910	Mylar, 1 Vol.	\$ 1,600.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,935.00
Receipts and expenditures	1908	1918	Mylar, 1 vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Supplies to poor by Ward	1908	1908	Mylar, 1 Vol.	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Supplies to poor by Ward	1908	1908						\$ -
Tax Book 1908	1908	1908						\$ -
Tax Collector's Record 1	1908	1908						\$ -
Abatements granted	1909	1909	Mylar 1 Vol (to be done as 969, 970, and 971) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Annual Report	1909	1909						\$ -
Annual Report for the State of New Hampshire 1909-1910	1909	1909						\$ -
Annual Report of the City Auditor YE 12/31/1909	1909	1909						\$ -
Register of City-owned property	1909	1909	Mylar, 2 vols.	\$ 2,225.00	\$ 175.00	\$ 175.00	\$ 30.00	\$ 2,605.00
Street sprinkling	1909	1909	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Street sprinkling	1909	1909	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Supplies to poor by Ward	1909	1909	Mylar, 1 Vol.	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Supplies to poor by Ward	1909	1909	Mylar, 1 Vol.	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Supplies to poor by Ward	1909	1909	Mylar, 1 Vol.	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Supplies to poor by Ward	1909	1909	Mylar, 1 Vol.	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Tax Book 1909	1909	1909						\$ -
Tax Collector's Record 2	1909	1909						\$ -
Abatements granted	1910	1910	Mylar 1 Vol (to be done as 969, 970, and 971) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Accounts	1910	1911						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Accounts	1910	1916						\$ -
Annual Report	1910	1910						\$ -
Receipts and expenditures	1910	1910						\$ -
Street sprinkling	1910	1910						\$ -
Street sprinkling	1910	1910	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Tax Book 1910	1910	1910						\$ -
Tax Collector's Record 3	1910	1910						\$ -
Abatements granted	1911	1911	Mylar 1 Vol (to be done as 969, 970, and 971) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1911	1911	1911						\$ -
Tax Book 1911	1911	1911						\$ -
Annual Report	1911	1911						\$ -
Annual Report for the State of New Hampshire 1911	1911	1911						\$ -
Checkbook stubs and blank checks	1911	1911						\$ -
Checkbook stubs and blank checks	1911	1911						\$ -
Checkbook stubs and blank checks	1911	1911						\$ -
Record of dog licenses	1911	1911						\$ -
Street sprinkling	1911	1911						\$ -
Street sprinkling	1911	1911	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Tax Book 1911	1911	1911						\$ -
Tax Collector's Record 1911-1914	1911	1914						\$ -
Tax Collector's Record 4	1911	1911						\$ -
Abatements granted	1912	1912	Mylar 1 Vol (to be done as 972, 973 and 974) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Tax Book 1912	1912	1912						\$ -
Tax Book 1912	1912	1912						\$ -
Tax Book 1912	1912	1912						\$ -
Annual Report	1912	1912						\$ -
Cash receipts	1912	1923						\$ -
Deaths 1912-1933	1912	1912	sewn	\$ 2,350.00	\$ 355.00	\$ 355.00	\$ 30.00	\$ 3,090.00
Real estate transactions	1912	1913	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Real estate transactions	1912	1913						\$ -
Street sprinkling	1912	1912						\$ -
Street sprinkling	1912	1912						\$ -
Tax Book 1912	1912	1912						\$ -
Tax Collector's Record 5	1912	1912						\$ -
Abatements granted	1913	1913	Mylar 1 Vol (to be done as 972, 973 and 974) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1913	1913	1913						\$ -
Tax Book 1913	1913	1913						\$ -
Tax Book 1913	1913	1913						\$ -
Annual Report	1913	1913						\$ -
Annual Report for the State of New Hampshire 1913	1913	1913						\$ -
Street sprinkling	1913	1913						\$ -
Street sprinkling	1913	1913						\$ -
Supplies to poor by Ward	1913	1913	Mylar, 1 Vol.	\$ 1,000.00	\$ 125.00	\$ 125.00	\$ 15.00	\$ 1,265.00
Supplies to poor by Ward	1913	1913						\$ -
Supplies to poor by Ward	1913	1913						\$ -
Supplies to poor by Ward	1913	1913						\$ -
Tax Book 1913	1913	1913						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Tax Collector's Record 6	1913	1913						\$ -
Abatements granted	1914	1914	Mylar 1 Vol (to be done as 972, 973 and 974) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1914	1914	1914						\$ -
Annual Report	1914	1914						\$ -
Annual Report for the State of New Hampshire 1914	1914	1914						
Poll Tax	1914	1914	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1914	1914	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1914	1914	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Street sprinkling	1914	1914						\$ -
Tax Book 1914	1914	1914						\$ -
Tax Collector's Record 7	1914	1914						\$ -
Abatements granted	1915	1915	Mylar 1 Vol (to be done as 975, 976, and 977) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Tax Book 1915	1915	1915						\$ -
Tax Book 1915	1915	1915						\$ -
Annual Report for the State of New Hampshire 1915	1915	1915						
Poll Tax	1915	1915	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1915	1915	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1915	1915	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Street sprinkling	1915	1915						\$ -
Tax Book 1915	1915	1915						\$ -
Tax Collector's Record 8	1915	1915						\$ -
Abatements granted	1916	1916	Mylar 1 Vol (to be done as 978, 978, and 979) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1916	1916	1916						\$ -
Tax Book 1916	1916	1916						\$ -
Annual Report	1916	1916						\$ -
Annual Report of the City Auditor YE 12/31/1916	1916	1916						\$ -
Poll Tax	1916	1916	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1916	1916	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1916	1916	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Sales	1916	1925						\$ -
Street sprinkling	1916	1917						\$ -
Tax Book 1916	1916	1916						\$ -
Tax Collector's Record 9	1916	1916						\$ -
Abatements granted	1917	1917	Mylar 1 Vol (to be done as 975, 976, and 977) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1917	1917	1917						\$ -
Tax Book 1917	1917	1917						\$ -
Tax Book 1917	1917	1917						\$ -
Annual Report	1917	1917						\$ -
Poll Tax	1917	1917	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1917	1917	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1917	1917	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Receipts and expenditures	1917	1922						\$ -
Tax Abatement Ledger	1917	1917						\$ -
Tax Book 1917	1917	1917						\$ -
Tax Collector's Record 10	1917	1917						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Abatements granted	1918	1918	Mylar 1 Vol (to be done as 975, 976, and 977) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1918	1918	1918						\$ -
Tax Book 1918	1918	1918						\$ -
Tax Book 1918	1918	1918						\$ -
Poll Tax	1918	1918	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1918	1918	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1918	1918	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Property owner list	1918	1918						\$ -
Street sprinkling	1918	1918	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Tax Book 1918	1918	1918						\$ -
Tax Collector's Record 11	1918	1918						\$ -
Abatements granted	1919	1919	Mylar 1 Vol (to be done as 978, 978, and 979) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Additional taxes	1919	1919						\$ -
Tax Book 1919	1919	1919						\$ -
Tax Book 1919	1919	1919						\$ -
Tax Book 1919	1919	1919						\$ -
Annual Report	1919	1919						\$ -
Annual Report of the City Auditor YE 12/31/1919	1919	1919						\$ -
Annual report of the schools	1919	1919						\$ -
Poll Tax	1919	1919	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1919	1919	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1919	1919	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Tax Book 1919	1919	1919						\$ -
Tax Collector's Record 12	1919	1919						\$ -
Treasury Record 4 - Accounts	1919	1920						\$ -
Abatements granted	1920	1920	Mylar 1 Vol (to be done as 978, 978, and 979) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Abatements granted	1920	1920	Mylar 1 Vol (to be done as 979 and 980) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,815.00
Tax Book 1920	1920	1920						\$ -
Tax Book 1920	1920	1920						\$ -
Payments	1920	1921						\$ -
Poll Tax	1920	1920	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Poll Tax	1920	1920	sew	\$ 750.00	\$ 75.00	\$ 75.00	\$ 15.00	\$ 915.00
Receipts and expenditures	1920	1929						\$ -
Receipts and expenditures	1920	1929	sew	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Register of City-owned property	1920	1929	Mylar, 2 vols.	\$ 2,800.00	\$ 260.00	\$ 260.00	\$ 30.00	\$ 3,350.00
Tax Book 1920	1920	1920						\$ -
Tax Collector's Record 13	1920	1920						\$ -
Tax Book 1921	1921	1921						\$ -
Tax Book 1921	1921	1921						\$ -
Poll Tax	1921	1921	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1921	1921	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts and expenditures	1921	1931	sew	\$ 2,200.00	\$ 250.00	\$ 250.00	\$ 15.00	\$ 2,715.00
Tax Book 1921	1921	1921						\$ -
Tax Collector's Record 14	1921	1921						\$ -
Tax Collector's Record 14, 1921	1921	1921						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Abatements granted	1922	1922	Mylar 1 Vol (to be done as 979 and 980) Priced as one	\$ 1,500.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ -
Tax Book 1922	1922	1922						\$ -
Tax Book 1922	1922	1922						\$ -
Annual Report	1922	1922						\$ -
Annual Report of the City Auditor YE 12/31/1922	1922	1922						\$ -
Checkbook stubs and blank checks	1922	1922						\$ -
Poll Tax	1922	1922	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1922	1922	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts and expenditures	1922	1922						\$ -
Receipts and expenditures	1922	1922						\$ -
Tax Book 1922	1922	1922						\$ -
Tax Collector's Record 15	1922	1922						\$ -
Abatements granted	1923	1923	Mylar 1 Vol (to be done as 981 and 982) Priced as one	\$ 1,000.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,215.00
Tax Book 1923	1923	1923						\$ -
Tax Book 1923	1923	1923						\$ -
Annual Report	1923	1923						\$ -
Annual Report of the City Auditor YE 12/31/1923	1923	1923						\$ -
Annual report of the schools	1923	1923						\$ -
Bankbook	1923	1923						\$ -
Poll Tax	1923	1923	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1923	1923	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts	1923	1931	sew	\$ 1,400.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,715.00
Receipts	1923	1923						\$ -
Receipts and expenditures	1923	1929						\$ -
Tax Book 1923	1923	1923						\$ -
Tax Collector's Record 16	1923	1923						\$ -
Voucher Register	1923	1924	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1923	1925	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1923	1928	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Abatements granted	1924	1924	Mylar 1 Vol (to be done as 981 and 982) Priced as one	\$ 1,000.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ -
Tax Book 1924	1924	1924						\$ -
Tax Book 1924	1924	1924						\$ -
Tax Book 1924	1924	1924						\$ -
Poll Tax	1924	1924	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1924	1924	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Real estate tax exemptions for veterans	1924	1924						\$ -
Receipts	1924	1924						\$ -
Receipts and expenditures	1924	1933						\$ -
Spanish-American and World War I veterans' service records	1924	1924	Mylar, 2 Vols.	\$ 4,500.00	\$ 450.00	\$ 450.00	\$ 30.00	\$ 5,430.00
Tax Book 1924	1924	1924						\$ -
Tax Collector's Record 17	1924	1924						\$ -
Tax Book 1925	1925	1925						\$ -
Tax Book 1925	1925	1925						\$ -
Tax Book 1925	1925	1925						\$ -
Annual Report of the City Auditor YE 12/31/1925	1925	1925						\$ -
Cash receipts	1925	1926						\$ -
Expenditures	1925	1926		sew	\$ 1,600.00	\$ 200.00	\$ 200.00	\$ 2,000.00
Poll Tax	1925	1925	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1925	1925	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts	1925	1925						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1925	1925	1925						\$ -
Tax Book 1925	1925	1925						\$ -
Tax Collector's Record 18	1925	1925						\$ -
Voucher Register	1925	1926	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1925	1926	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1926	1926	1926						\$ -
Tax Book 1926	1926	1926						\$ -
Annual Report of the City Auditor YE 12/31/1926	1926	1926						\$ -
Automobile permit receipts	1926	1928						\$ -
Deposit slips	1926	1926						\$ -
Poll Tax	1926	1926	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1926	1926	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts	1926	1926						\$ -
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1926	1926	1926						\$ -
Tax Book 1926	1926	1926						\$ -
Tax Collector's Record 19	1926	1926						\$ -
Voucher Register	1926	1928	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1927	1927	1927						\$ -
Tax Book 1927	1927	1927						\$ -
Tax Book 1927	1927	1927						\$ -
Annual Report	1927	1927						\$ -
Annual Report of the City Auditor YE 12/31/1927	1927	1927						\$ -
Poll Tax	1927	1927	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1927	1927	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1927	1927	1927						\$ -
Tax Book 1927	1927	1927						\$ -
Tax Collector's Record 20	1927	1927						\$ -
Voucher Register	1927	1930	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1928	1928	1928						\$ -
Tax Book 1928	1928	1928						\$ -
Tax Book 1928	1928	1928						\$ -
Poll Tax	1928	1928	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1928	1928	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts and expenditures	1928	1933						\$ -
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1928	1928	1928						\$ -
Tax Book 1928	1928	1928						\$ -
Tax Collector's Record 21	1928	1928						\$ -
Voucher Register	1928	1930	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1929	1929	1929						\$ -
Tax Book 1929	1929	1929						\$ -
Tax Book 1929	1929	1929						\$ -
Annual Report	1929	1929						\$ -
Poll Tax	1929	1929	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1929	1929	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll tax receipts	1929	1929						\$ -
Receipts and expenditures	1929	1935						\$ -
Tax Collector's Record 22	1929	1929						\$ -
Tax sales	1929	1929						\$ -
Voluntary statements of personal and real property	1929	1929						\$ -
Tax Book 1930	1930	1930						\$ -
Tax Book 1930	1930	1930						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Appropriations	1930	1939						\$ -
Motor vehicle registration, various years	1930	1939						\$ -
Poll Tax	1930	1930	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1930	1930	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts and expenditures	1930	1939	binder	\$ 2,212.00	\$ 325.00	\$ 325.00	\$ 15.00	\$ 2,877.00
Receipts and expenditures	1930	1939	binder	\$ 1,625.00	\$ 250.00	\$ 250.00	\$ 15.00	\$ 2,140.00
Receipts and Expenditures and Reports of the City Officers, Board of Instructors, Etc YE 12/31/1930	1930	1930						\$ -
Register of City-owned property	1930	1939	sew	\$ 2,080.00	\$ 260.00	\$ 260.00	\$ 15.00	\$ 2,615.00
Tax Collector's Record 23	1930	1930						\$ -
Tax sale redemptions	1930	1939						\$ -
Vital Records: Registers and memoranda concerning burials and permission to remove a body to another cemetery (36 VOLUMES)	1930	1939	36 Volumes combine and returned as 18 volumes @ 1600 each, film 160 each, cd 160 each, shipping 15 each	\$ 28,800.00	\$ 2,880.00	\$ 2,880.00	\$ 270.00	\$ 34,830.00
Voucher Register	1930	1931	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1930	1932	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1931	1931	1931						\$ -
Poll Tax	1931	1931	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1931	1931	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Tax Book 1931	1931	1931						\$ -
Tax Collector's Record 24	1931	1931						\$ -
Voucher Register	1931	1932	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1932	1932	1932						\$ -
Poll Tax	1932	1932	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1932	1932	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Tax Book 1932	1932	1932						\$ -
Tax Collector's Record 25	1932	1932						\$ -
Voucher Register	1932	1933	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1932	1933	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1933	1933	1933						\$ -
Tax Book 1933	1933	1933						\$ -
Annual Report of the City Auditor YE 12/31/1933	1933	1933						\$ -
Poll Tax	1933	1933	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1933	1933	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts	1933	1933						\$ -
Receipts and expenditures	1933	1936						\$ -
Tax Book 1933	1933	1933						\$ -
Tax Collector's Record 26	1933	1933						\$ -
Voucher Register	1933	1935	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1934	1934	1934						\$ -
Tax Book 1934	1934	1934						\$ -
Annual Financial Report YE 12/31/1934	1934	1934						\$ -
Births 1934-1945	1934	1934	sewn	\$ 1,820.00	\$ 280.00	\$ 280.00	\$ 30.00	\$ 2,410.00
Checkbook stubs and blank checks	1934	1934						\$ -
Deaths 1934-1951	1934	1934	sewn	\$ 1,772.00	\$ 280.00	\$ 280.00	\$ 30.00	\$ 2,362.00
Lawsuit: Calvin Page vs. City	1934	1934						\$ -
Poll Tax	1934	1934	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1934	1934	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts and expenditures	1934	1937						\$ -
Rent collection	1934	1934						\$ -
Tax Book 1934	1934	1934						\$ -
Tax Collector's Record 27	1934	1934						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Voucher Register	1934	1935	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1935	1935	1935						\$ -
Bankbook	1935	1935						\$ -
Bankbook	1935	1935						\$ -
Control journal	1935	1935	Mylar, 1 Vol.	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Control journal	1935	1935	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Poll Tax	1935	1935	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1935	1935	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poor support	1935	1935	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Receipts	1935	1935						\$ -
Receipts and expenditures	1935	1942						\$ -
Tax Book 1935	1935	1935						\$ -
Tax Collector's Record 28	1935	1935						\$ -
Voucher Register	1935	1936	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1935	1936	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1936	1936	1936						\$ -
Tax Book 1936	1936	1936						\$ -
Tax Book 1936	1936	1936						\$ -
Automobile permit receipts	1936	1939						\$ -
Control journal	1936	1936	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Control journal	1936	1936	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Poll Tax	1936	1936	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Poll Tax	1936	1936	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts	1936	1936						\$ -
Tax Book 1936	1936	1936						\$ -
Tax Collector's Record 29	1936	1936						\$ -
Voucher Register	1936	1937	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Tax Book 1937	1937	1937						\$ -
Cash receipts	1937	1937						\$ -
Control journal	1937	1937	sew	\$ 1,200.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,515.00
Poll Tax	1937	1937	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 26.00	\$ 1,586.00
Poll Tax	1937	1937	sew	\$ 1,240.00	\$ 160.00	\$ 160.00	\$ 15.00	\$ 1,575.00
Receipts	1937	1937						\$ -
Tax Book 1937	1937	1937						\$ -
Tax Collector's Record 30	1937	1937						\$ -
Voucher Register	1937	1938	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1937	1939	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Annual Report of the City Auditor YE 12/31/1938	1938	1938						\$ -
Cash receipts	1938	1938						\$ -
Poll Tax	1938	1938	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Register of City-owned property	1938	1948	binder	\$ 2,275.00	\$ 350.00	\$ 350.00	\$ 15.00	\$ 2,990.00
Tax Collector's Record 31	1938	1938						\$ -
Valuation of Real and Personal Property	1938	1938	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1938	1939	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1938	1939	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Bond issues	1939	1948	sew	\$ 1,148.00	\$ 130.00	\$ 130.00	\$ 15.00	\$ 1,423.00
Late and abated taxpayers	1939	1939						\$ -
Poll Tax	1939	1939	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1939	1939						\$ -
Sales journal	1939	1939						\$ -
Tax Collector's Record 32	1939	1939						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Voucher Register	1939	1941	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1939	1941	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Appropriations	1940	1949						\$ -
Poll Tax	1940	1940	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Portsmouth public school teachers subject to poll tax	1940	1941						\$ -
Tax Collector's Record 33	1940	1940						\$ -
Valuation of Real and Personal Property	1940	1940	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1941	1941	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipt book	1941	1941						\$ -
Receipts	1941	1941						\$ -
Tax Collector's Record 34	1941	1941						\$ -
Valuation of Real and Personal Property	1941	1941	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1941	1942	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1941	1943	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Annual Report of the City Auditor YE 12/31/1942	1942	1942						\$ -
Automobile permit receipts	1942	1943						\$ -
Contract No. 6	1942	1942	sew	\$ 900.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 1,115.00
Contract proposals, mains and ground supply	1942	1942						\$ -
Contract proposals, waterworks improvements: mains to Odiome Point	1942	1942						\$ -
Contract proposals, well construction	1942	1942						\$ -
Contract proposals: sewer construction	1942	1942						\$ -
Correspondence concerning water works projects for defense	1942	1942						\$ -
Poll Tax	1942	1942	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipt book	1942	1942						\$ -
Receipts	1942	1942						\$ -
Receipts and expenditures	1942	1944						\$ -
Receipts and expenditures	1942	1948						\$ -
Tax Collector's Record 35	1942	1942						\$ -
Voucher Register	1942	1944	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Water Bond Account, check stubs	1942	1942						\$ -
Water Bond Account, No. 2, cancelled checkbook	1942	1942						\$ -
Water main construction proposal	1942	1942	Mylar, 1 vol.	\$ 750.00	\$ 100.00	\$ 100.00	\$ 15.00	\$ 965.00
Contract proposals, sewer construction	1943	1943						\$ -
Poll Tax	1943	1943	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1943	1943						\$ -
Tax Collector's Record 36	1943	1943						\$ -
Voucher Register	1943	1945	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Poll Tax	1944	1944	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1944	1944						\$ -
Sales	1944	1944						\$ -
Tax Collector's Record 37	1944	1944						\$ -
Valuation of Real and Personal Property	1944	1944	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1944	1946	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Births 1945-1951	1945	1945	sewn	\$ 1,468.00	\$ 230.00	\$ 230.00	\$ 30.00	\$ 1,958.00
Poll Tax	1945	1945	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1945	1945	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1945	1945						\$ -
Sales	1945	1946						\$ -
Tax Collector's Record 38	1945	1945						\$ -
Valuation of Real and Personal Property	1945	1945	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Poll Tax	1946	1946	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1946	1946	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1946	1946						\$ -
Tax Collector's Record 39	1946	1946						\$ -
Voucher Register	1946	1947	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1946	1947	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Poll Tax	1947	1947	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1947	1947	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Tax Collector's Record 40	1947	1947						\$ -
Valuation of Real and Personal Property	1947	1947	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
City Reports	1948	1950						\$ -
Poll Tax	1948	1948	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1948	1948	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1948	1948						\$ -
Tax Collector's Record 41	1948	1948						\$ -
Valuation of Real and Personal Property	1948	1948	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1948	1948	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1948	1949	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Conditional sales	1949	1950						\$ -
Poll Tax	1949	1949	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1949	1949	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1949	1949						\$ -
Redemption certificate for property sold for delinquent taxes	1949	1962						\$ -
Tax Collector's Record 42	1949	1949						\$ -
Valuation of Real and Personal Property	1949	1949	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1949	1949	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1949	1950	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Conditional sales	1950	1950						\$ -
Poll Tax	1950	1950	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1950	1950	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Receipts	1950	1950						\$ -
Tax Collector's Record 43	1950	1950						\$ -
Valuation of real and personal property	1950	1950						\$ -
Valuations	1950	1950	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
City Reports	1951	1951						\$ -
Conditional sales	1951	1951						\$ -
Conditional sales	1951	1951						\$ -
Conditional sales	1951	1951						\$ -
Conditional sales	1951	1952						\$ -
Poll Tax	1951	1951	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1951	1951	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1951	1951	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Conditional sales	1952	1952						\$ -
Conditional sales	1952	1952						\$ -
Conditional sales	1952	1953						\$ -
Poll Tax	1952	1952	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1952	1952	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1952	1953	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
City of Portsmouth Summary of Municipal Activity FY Ending 12/31/1953	1953	1953						\$ -
Conditional sales	1953	1953						\$ -
Conditional sales	1953	1953						\$ -
Conditional sales	1953	1954						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Poll Tax	1953	1953	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1953	1953	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1953	1954	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher register	1953	1956						\$ -
Annual Audit by State Division of Municipal Accountants YE 12/31/1954	1954	1954						\$ -
Conditional sales	1954	1955						\$ -
Poll Tax	1954	1954	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1954	1954	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1954	1955	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Annual Report	1955	1955						\$ -
Annual Report	1955	1955						\$ -
Conditional sales	1955	1955						\$ -
Conditional sales	1955	1956						\$ -
Conditional sales	1955	1955						\$ -
Poll Tax	1955	1955	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1955	1955	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher Register	1955	1957	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Annual Audit by State Division of Municipal Accountants YE 12/31/1956	1956	1956						\$ -
Board of Registrars time and wage book	1956	1956						\$ -
Board of Registrars time and wage book	1956	1957						\$ -
Conditional sales	1956	1956						\$ -
Conditional sales	1956	1956						\$ -
Conditional sales	1956	1956						\$ -
Conditional sales	1956	1956						\$ -
Conditional sales	1956	1956						\$ -
Mortgages (conditional sales)	1956	1956						\$ -
Mortgages (conditional sales)	1956	1956						\$ -
Mortgages (conditional sales)	1956	1956						\$ -
Mortgages (conditional sales)	1956	1956						\$ -
Mortgages (conditional sales)	1956	1956						\$ -
Mortgages (conditional sales)	1956	1957						\$ -
Poll Tax	1956	1956	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Report on Reconciliation of City Treasurer Fund Balance as of 3/26/1956 and Statement of Parking Meter Collections as Indicated by Records of the City Treasurer	1956	1956						\$ -
Valuations	1956	1956	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher register	1956	1956	sew	\$ 1,224.00	\$ 150.00	\$ 150.00	\$ 15.00	\$ 1,539.00
Voucher Register	1956	1956						\$ -
Board of Registrars time and wage book	1957	1958						\$ -
Checkbook stubs and blank checks	1957	1957						\$ -
Conditional sales	1957	1957						\$ -
Conditional sales	1957	1957						\$ -
Conditional sales	1957	1957						\$ -
Conditional sales	1957	1957						\$ -
Conditional sales	1957	1958						\$ -
Mortgages (conditional sales)	1957	1957						\$ -
Mortgages (conditional sales)	1957	1957						\$ -
Mortgages (conditional sales)	1957	1957						\$ -
Mortgages (conditional sales)	1957	1957						\$ -
Poll Tax	1957	1957	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1957	1957	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Voucher register	1957	1958						\$ -
Board of Registrars time and wage book	1958	1958						\$ -
Conditional sales	1958	1958						\$ -
Conditional sales	1958	1958						\$ -
Conditional sales	1958	1958						\$ -
Poll Tax	1958	1958	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1958	1958	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Voucher register	1958	1959						\$ -
Annual Report	1959	1959						\$ -
Conditional sales	1959	1959						\$ -
Conditional sales	1959	1959						\$ -
Poll Tax	1959	1959	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1959	1959	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Board of Registrars time and wage book	1960	1960						\$ -
Conditional sales	1960	1960						\$ -
Conditional sales	1960	1960						\$ -
Poll Tax	1960	1960	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1960	1960	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1961	1961	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1961	1961	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuations	1961	1961	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Board of Registrars time and wage book	1962	1962						\$ -
Board of Registrars time and wage book	1962	1963						\$ -
Poll Tax	1962	1962	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Annual Audit by State Division of Municipal Accountants YE 12/31/1963	1963	1963						\$ -
Poll Tax	1963	1963	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Annual Audit by State Division of Municipal Accountants YE 12/31/1964	1964	1964						\$ -
Board of Registrars time and wage book	1964	1964						\$ -
Board of Registrars time and wage book	1964	1964						\$ -
Poll Tax	1964	1964	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Annual Audit by State Division of Municipal Accountants YE 12/31/1965	1965	1965						\$ -
Poll Tax	1965	1965	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Annual Audit by State Division of Municipal Accountants YE 12/31/1966	1966	1966						\$ -
Annual Report	1966	1966						\$ -
Board of Registrars time and wage book	1966	1967						\$ -
Poll Tax	1966	1966	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Tax Collector record	1966	1966						\$ -
Poll Tax	1967	1967	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Audit Report	1968	1968						\$ -
Poll Tax	1968	1968	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Annual Appropriations Bill of the city of Portsmouth for Fiscal Year Ending 12/31/69	1969	1969						\$ -
Annual Report	1969	1969						\$ -
Audit Report for the District Court of the City of Portsmouth for the Fiscal Year Ending in 12/31/1969	1969	1969						\$ -
Audit Report for Year Ending 12/31/1969	1969	1969						\$ -
Charter Commission Reports (dated 10/29/1969)	1969	1969						\$ -
Poll Tax	1969	1969	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Purchasing Manual 1969	1969	1969						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	Conservation Cost (with rebinding)	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Annual Audit - City of Portsmouth Trust Funds - YE 12/31/1971	1970	1971						\$ -
Annual Budget	1970	1970						\$ -
Annual Report	1970	1971						\$ -
Poll Tax	1970	1970	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Poll Tax	1970	1970	sew	\$ 3,120.00	\$ 390.00	\$ 390.00	\$ 15.00	\$ 3,915.00
Valuation 1970	1970	1970						\$ -
Valuation 1970	1970	1970						\$ -
Annual Audit YE 6/30/1972	1971	1972						\$ -
Annual Report	1971	1972						\$ -
Maine State Retirement System Laws 1971 Revision	1971	1971						\$ -
Resident tax	1971	1971						\$ -
Valutaion 1971	1971	1971						\$ -
Annual Audit - City of Portsmouth Trust Funds - FYE 6/30/1973	1972	1973						\$ -
Annual Audit FYE 6/30/1973	1972	1973						\$ -
Resident tax	1972	1972						\$ -
Valuation 1972	1972	1972						\$ -
Annual Audit YE 6/30/1974	1973	1974						\$ -
Annual Report	1973	1973						\$ -
Resident tax	1973	1973						\$ -
Valuation 1973	1973	1973						\$ -
Annual Audit YE 6/30/1975	1974	1975						\$ -
Annual Report	1974	1974						\$ -
Audit - City of Portsmouth Trust Funds - YE 12/31/1974	1974	1974						\$ -
Budget Notes 1974-1975	1974	1975						\$ -
Resident tax	1974	1974						\$ -
Valuation 1974	1974	1974						\$ -
Annual Audit - City of Portsmouth Trust Funds - YE 12/31/1975	1975	1975						\$ -
Annual Audit FYE 6/30/1976	1975	1976						\$ -
Annual Report	1975	1976						\$ -
Resident tax	1975	1975						\$ -
Valuation 1975	1975	1975						\$ -
Valuation 1976	1975	1975						\$ -
Annual Audit YE 6/30/1977	1976	1977						\$ -
Annual Report	1976	1977						\$ -
Resident tax	1976	1976						\$ -
Budget Notes 1977	1977	1977						\$ -
Capital Improvement Plan (CIP) 1977-1982	1977	1982						\$ -
Charter Commission Report August 1977	1977	1977						\$ -
Historic District Visual Guidelines 1977	1977	1977						\$ -
Resident tax	1977	1977						\$ -

Item Title/Description	Document Year (Start) -	Document Year (End)	Preservation Notes	35mm security microfilm	scan to CD (PDF)	Shipping Costs	Total Preservation Costs (with rebinding)
Valuation 1977	1977	1977					\$ -
Capital Improvement Plan (CIP) 1978-1983	1978	1983					\$ -
Preparing for your Auditor 1978	1978	1978					\$ -
Property Tax Warrant 1978 A - L	1978	1978					\$ -
Property Tax Warrant 1978 M - Z	1978	1978					\$ -
Resident tax	1978	1978					\$ -
Valuation 1978	1978	1978					\$ -
Resident tax	1979	1979					\$ -
Valuation 1979	1979	1979					\$ -
Valuation 1980	1980	1980					\$ -
Resident tax	1981	1981					\$ -
Resident tax 1981 A - G	1981	1981					\$ -
Valuation 1980 (1981?)	1981	1981					\$ -
Resident tax	1982	1982					\$ -
Valuation 1982	1982	1982					\$ -
Resident tax	1983	1983					\$ -
Resident tax 1983 A - G	1983	1983					\$ -
Valuation 1983	1983	1983					\$ -
Resident tax	1984	1984					\$ -
Resident tax 1984 A - F	1984	1984					\$ -
Valuation 1984	1984	1984					\$ -
Resident Tax	1985	1985					\$ -
Resident tax 1985 A - F	1985	1985					\$ -
Resident tax 1985 G - Z	1985	1985					\$ -
Valuation 1985	1985	1985					\$ -
Resident Tax 1986 A - E	1986	1986					\$ -
Resident Tax 1986 F - Z	1986	1986					\$ -
Valuation 1986	1986	1986					\$ -
Valuation 1986	1986	1986					\$ -
Board of Registrars time and wage book							\$ -
Municipal Bonds - What they are + What they do (undated)	Undated	Undated					\$ -
Final tax list							\$ -
Total				\$ 89,905.00	\$ 88,500.00	\$ 8,116.00	\$ 869,144.00

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Pavement Management 2017 Update

Portsmouth, New Hampshire

PREPARED FOR

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1

Introduction

The City of Portsmouth has hired Vanasse Hangen Brustlin, Inc (VHB) annually to perform an update to the City's pavement management system. This project is part of an on-going program where the city road conditions are evaluated periodically, the road network conditions and budget requirements are analyzed, and road paving programs are developed.

In the summer of 2017, VHB resurveyed the pavement condition of 26.2 miles of Portsmouth's total 104.1-mile, City-maintained road network. By hiring VHB to resurvey 25% of the City's roads each year, and updating the roads where maintenance and resurfacing has been performed, Portsmouth has maintained an up-to-date Pavement Management System.

Under the scope of this project, VHB performed a detailed inspection of the condition of the pavement on the City maintained roads, and has created a database of this information which can be viewed, edited and analyzed using VHB's RoadManager™ software. VHB will deliver this software to staff in the Public Works Department. The data is linked to the City's Geographic Information System (GIS), so that thematic maps can be created to display any of the information in the database.

This report describes the steps taken in this project, the results of the field evaluations, and also compares the results of some potential roadway funding scenarios.

Theory of Pavement Management

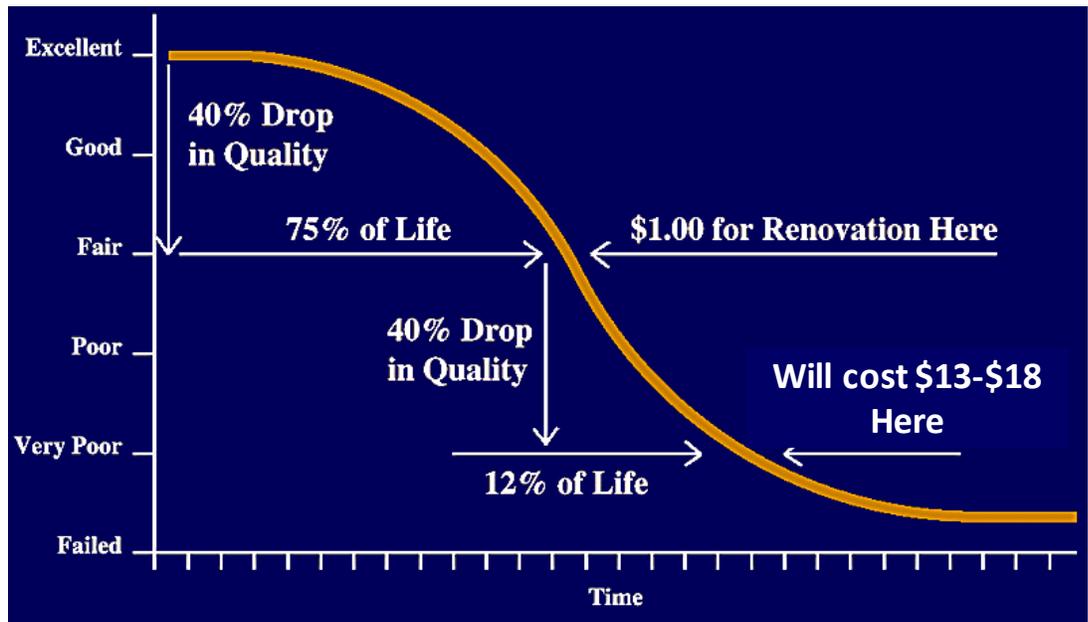
Pavement management is the practice of planning for pavement repairs and maintenance with the goal of maximizing the value and life of a pavement network.

To accomplish this, a community needs to have several repair techniques in its arsenal and the knowledge of when to apply each of these. This is where pavement management comes into play. With a comprehensive database of road conditions, the computer can model when to perform which repairs on a street network. Of course, engineering judgment is required to finalize any list of street repairs, as no computer model can take every variable analyzed in making a repair decision into account. The computer system is a great springboard to help a community start its repair program for each year and is an excellent method of storing the repair data.

The Pavement Deterioration Curve

Below is a model of how a street’s pavement deteriorates over time. Interpreting the curve, a street starts out in excellent condition when it is newly constructed. Midway through its life, a low-cost repair such as crack seal and patch will cost approximately a dollar a square yard. It takes only a few years for the window of opportunity to perform this low-cost maintenance to pass after which the road would need an overlay costing \$13 to \$18 per square yard. By performing timely maintenance, road conditions can be improved today, and then continue down the deterioration curve from a higher condition level, thereby extending the life of the road.

Figure 1 Typical Pavement Deterioration Curve





2

Methodology

The following methodology has been performed and updated for the City a number of times since the program's inception. The methodology described below includes all steps taken in development in the system, and not just those completed in this past year's project.

VHB has performed a detailed evaluation of the condition of Portsmouth's 104.1 miles of City-maintained roads to build the pavement management system. The complete process of identifying the City road network, evaluating pavement conditions, configuring the database for analysis purposes and finally, the analysis of future funding scenarios is described below.

Network Identification

Network Identification builds an inventory of streets that describe the municipality's complete roadway network. The direction of travel, street length, width, one-way status, ownership, classification, zone and pavement type are among the items identified at this initial phase in the pavement management process. This integral step ensures the streets surveyed are the definitive set to be analyzed.

Pavement Management Section Identification

Once the Network Identification is complete, the field work begins. Each street contains one or more pavement management sections. A pavement management section defines the limits of previous construction or maintenance activities within each street. Segments are defined by having the same width, typical distresses, one-way status, functional class, etc. The goal is to set up homogenous areas of pavement to aid in assigning the appropriate

repair. A street may be one section, or it may be comprised of several pavement management sections, depending on its construction history.

Surface Distress Assessment

For each pavement management section, the severity and extent of nine major pavement distresses are recorded, then entered into a weighted formula to arrive at a Pavement Condition Index (PCI). The distresses are categorized as base related or surface related distresses. Base related distresses indicate that the subsurface soil strength is inadequate for the existing traffic load. Streets that show significant base related distresses may need to have the subsurface soils fortified with stone to strengthen the structure and/or the street may need a significantly thicker layer of pavement. Surface related distresses are caused by age and weathering of the pavement. Streets that have predominantly surface related distresses are excellent candidates for maintenance sealing to inhibit further pavement oxidization (the main effect of aging). Streets with more of the base related distresses will most likely need some full depth patching, structural overlays or reclamation/reconstruction.

The four base-related distresses are:

- › potholes
- › alligator cracking
- › distortion
- › rutting

The five surface-related distresses are:

- › block cracking
- › transverse or longitudinal cracking
- › bleeding or polished aggregate
- › surface wear or raveling
- › corrugations, shoving, and slippage

PCI Defined

A PCI was generated for each inventoried pavement management section in Portsmouth using the surface distress data collected by VHB. PCI is measured on a scale of one hundred to zero, with one hundred representing a pavement in perfect condition and zero describing a road in impassable condition. Each type of observed pavement distress is assigned a deduct value based on the type, severity and extent of the defect. A more severe distress type, such as non-utility patching, has a higher deduct point value than a lesser distress such as transverse cracking. A weighted sum of the deduct points is then subtracted from the perfect "one hundred" road in order to generate a PCI for each roadway segment. In general, base related (pavement foundation) distresses are weighted more heavily than surface related distresses.

The Five Treatment Bands

VHB's RoadManager™ software uses broad ranges to group the individual repair types into five major treatment bands. Treatment bands are a useful tool to summarize data on a City-wide basis. An individual road segment will fall into a particular category based on the strategy table's output of repair types and will vary due to functional classification. The goal is to gain a broad understanding of the existing conditions in simple yet meaningful terms.

Table 1 Treatment Band Descriptions

Treatment Band	PCI ¹	Description
Do Nothing	93-100	Excellent condition – in need of no maintenance.
Routine Maintenance	86-92	Good condition – may be in need of crack sealing or minor localized repair.
Preventive Maintenance	72-85	Fair condition – pavement surface may be in need of surface sealing, full-depth patch and/or crack sealing.
Structural Improvement	61-71	Deficient condition – pavement surface structure in need of added strength for existing traffic. Typical repairs are overlay with or without milling.
Base Rehabilitation	0-60	Poor condition – in need of base improvement. Typical repairs are reclamation or full-depth reconstruction.

¹ These are only general PCI ranges for reference purposes and represent only one pavement type. There are several fields considered by the strategy table when assigning repair types to each individual street.

Customizing Repair Strategies

VHB developed repair strategies to meet the City's specific practices. VHB also refined repair unit costs. VHB's goal was to understand Portsmouth's decision-making process, and simulate that process in the budget analysis software based on the pavement condition and other criteria of each pavement section.

Preparing Budget Scenarios

Once the roadway conditions are inventoried and analyzed, and the repair strategies are defined, the impact of various spending programs on the road network can be assessed. These studies can range from 1 to 20 years, however, for the purpose of this report, 5-year studies are used. The purpose of the budget planning process is to determine the impact of various spending levels to find a funding level that will best meet Portsmouth's needs. The budget module uses deterioration curves, unit costs, and the strategy table developed in the repair strategy definition phase to assign each street a repair type and associated cost for each year of the study. The module also assigns each street a benefit value that is used to determine which streets the software assumes will be repaired each year. It is important to understand that RoadManager™ is a network-wide planning tool. Field verification and testing are recommended to confirm any street repair list generated.

Pavement management deals with the life cycle of pavement structure and the various repair treatments to maintain the condition of the pavement. The pavement management system and the various repair types utilized in the study do not directly address other physical improvements associated with a roadway. Some of the items, which might be encountered on a roadway project, include the storm drainage system, traffic signals, minor traffic items,

sidewalks and utility adjustments. In an attempt to develop a reasonable cost of various improvements, the overall scope of a typical project associated with the various repair types was estimated to develop a network level unit cost for the work. The actual scope of work and costs will vary for each individual roadway. Actual repair costs will need to be developed at the project level and may differ from costs utilized in this study.

Deterioration Curves

In order to properly plan for future repairs, the Budget Analysis module of RoadManager™ uses a deterioration curve to estimate the degradation of condition over time. As Portsmouth continues to build on its existing repair history database, the City can refine the curve to more closely approximate local conditions.

Strategy Table

RoadManager* uses a table of repair strategies to assign specific road repair types to individual roadway segments. The repair strategy table incorporates PCI ranges as well as functional class and pavement type to simulate decisions consistent with Portsmouth repair practice and procedure. The strategy table was customized for Portsmouth to recommend the types of repairs that the City has found to be best suited to Portsmouth's roadway network.

Project Prioritization

The Budget Analysis module prioritizes needed system repairs based on the estimated "Benefit Value". The Benefit Value formula is calculated using variables representing traffic volume, repair service life, PCI, and unit repair costs for each pavement management section.

$$(ADT \times \text{Estimated Repair Life}) / (\text{Repair Unit Cost} \times \text{Condition Index})$$

In the preceding calculation "ADT" = average daily traffic, "Estimated Repair Life" is the number of years of life added to a road by the selected repair type, "Repair Unit Cost" is the cost per square yard of the selected repair type, and "Condition Index" = the PCI (pavement condition index, 0-100 scale) for the road section. Roads that fall into the "Do Nothing" category of repair have a benefit Value of 0 since the repair unit cost is \$0. There would be no "benefit" to repairing these roads.

For each plan year, the software prepares a future roadway condition projection, exhausts the assigned budget, and then produces an annual list of roads included in the repair program. The system also allows the user to enter an inflation rate to account for estimated increases in future year construction costs.

The Benefit Value prioritization process generally favors cost effective maintenance alternatives. Repair actions are typically delayed on those sections that require reconstruction or major rehabilitation because the benefits for dollars spent are generally lower than maintenance candidates. After the relatively good roads are "saved," improvements are directed towards the poorer arterial and collector roads.



3

Existing Conditions

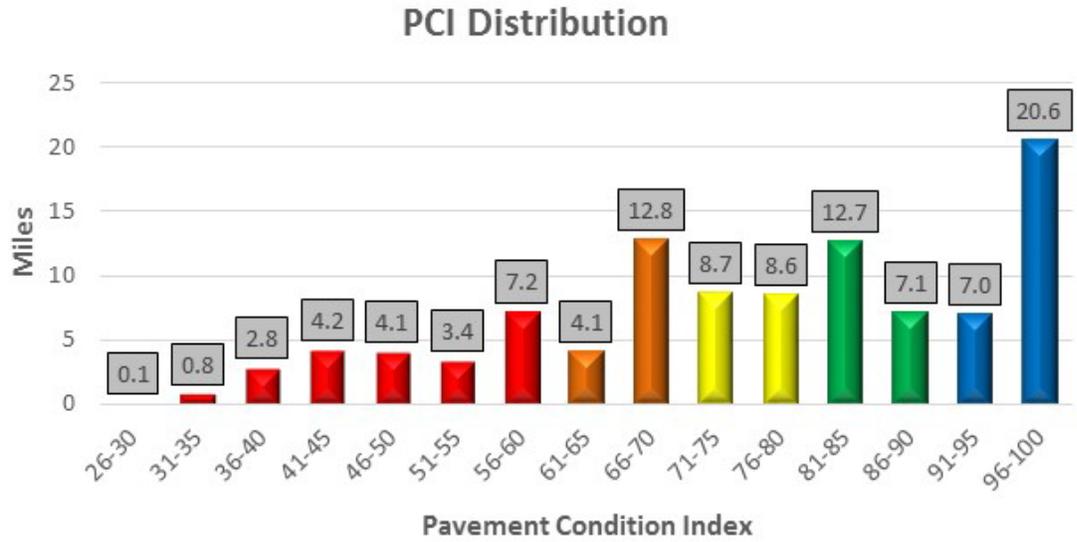
City-maintained Streets Pavement Conditions

In the summer of 2017, VHB resurveyed the pavement condition of 26.2 miles of Portsmouth's total 104.1 mile City-maintained road network. By hiring VHB to resurvey 25% of the City's roads each year, and updating the roads where maintenance and resurfacing has been performed, Portsmouth has maintained an up-to-date Pavement Management System.

The projected average Pavement Condition Index (PCI) for Portsmouth roads is a 76. The average PCI is considered "projected" because the calculation of an average PCI involves the use of deterioration curves to project today's PCI for roads that were not surveyed this year. A PCI of 76 represents a road in fair condition that would soon be in need of resurfacing.

The following chart shows a detailed breakdown of the projected condition of Portsmouth's roads by summing the number of miles of roadway into bands of 5 PCI points.

Figure 2 Figure 2 – PCI Distribution



Backlog of Work

Applying the five treatment bands shown in Table 1 and the unit costs shown in Appendix C to Portsmouth’s street network, the following table gives the miles and dollars associated with each treatment band for the conditions at the time of the evaluation.

Table 2 Summary of Miles and Dollars of Outstanding Work (Including Pease Area)

Treatment Band	Miles	Dollar Backlog
Do Nothing	24.7	\$0
Routine Maintenance	10.0	\$51,000
Preventive Maintenance	23.3	\$694,000
Structural Improvement	23.5	\$4,253,000
Base Rehabilitation	22.6	\$13,011,000
Totals	104.1	\$18,009,000

The following two figures represent the above information graphically.

Figure 3 Miles of Outstanding Work

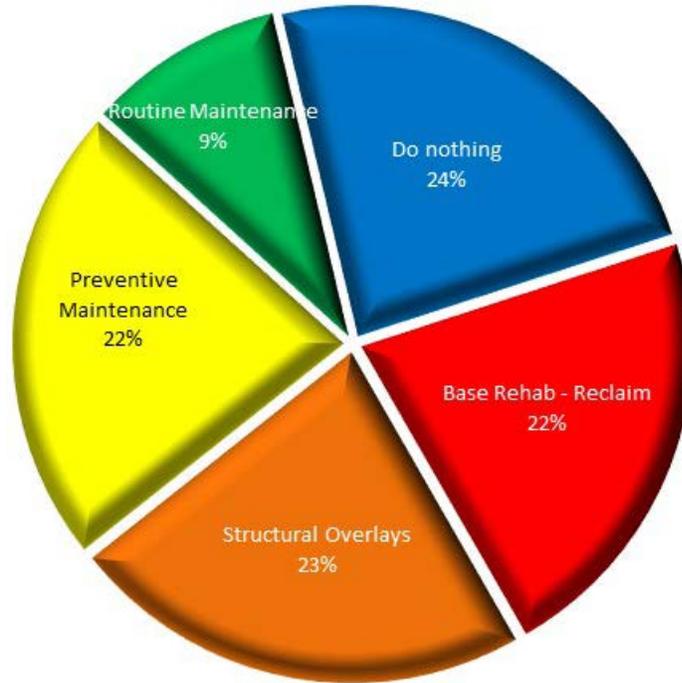
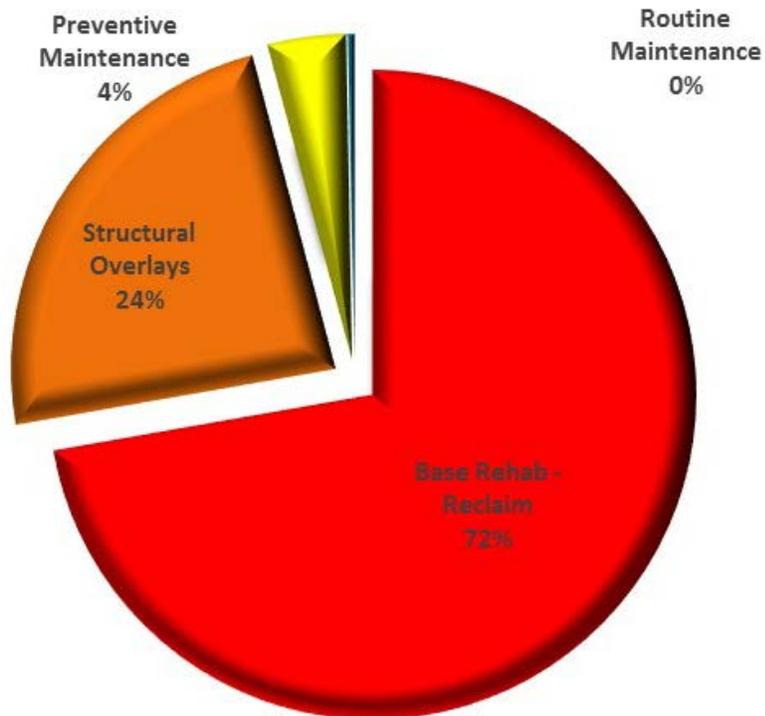


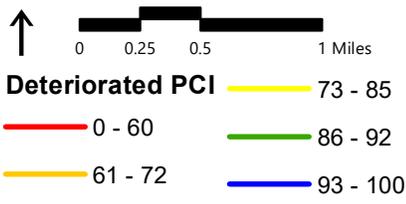
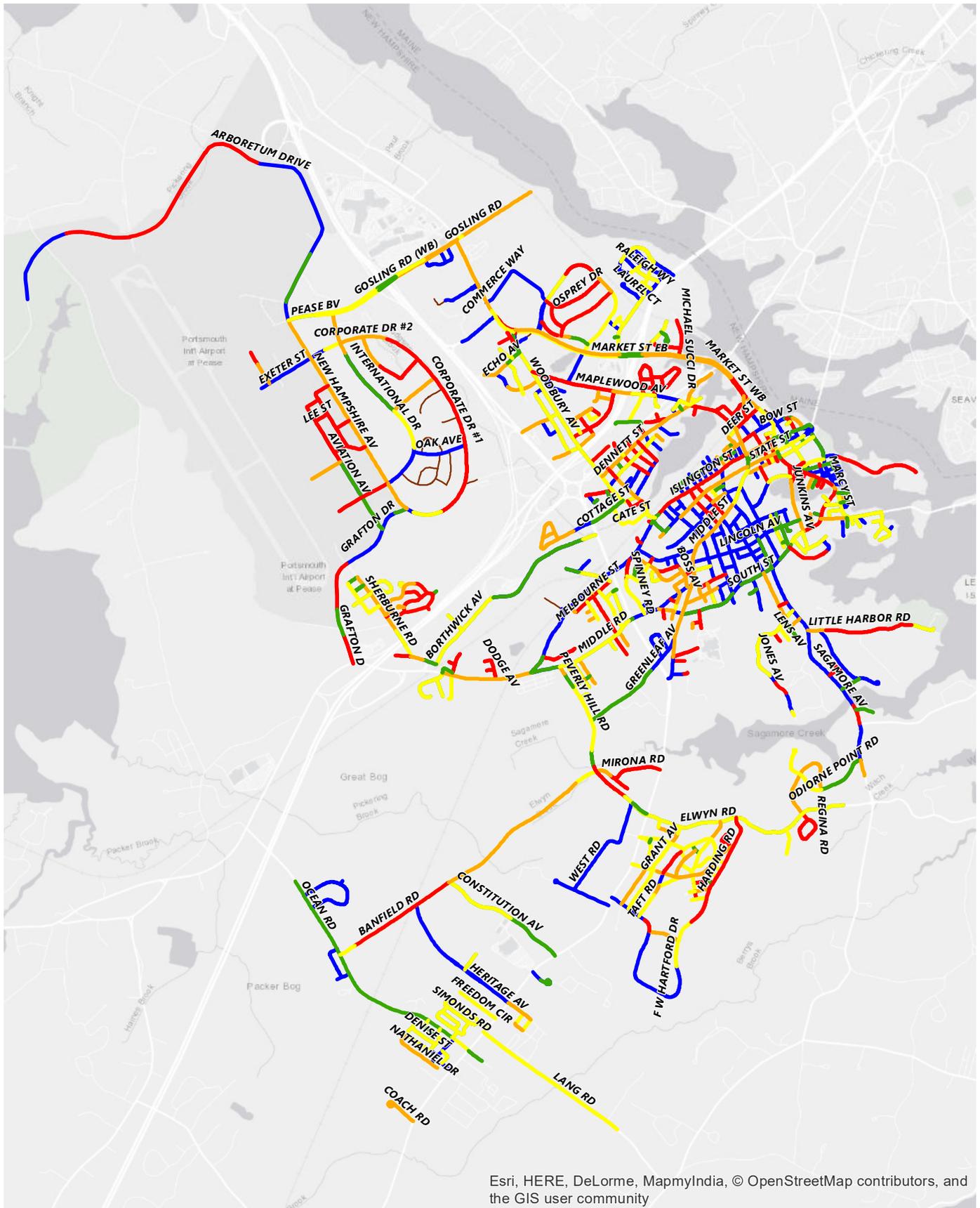
Figure 4 Dollars of Outstanding Work



Figures 3 and 4 demonstrate that while only approximately 22% of the City's roads are in need of Base Rehabilitation level of repair, they account for more than 70% of the outstanding backlog of work. Base rehabilitation is the most expensive category of street repair. Also of note that approximately one third of the City's miles is in need of preservation treatments. It makes good fiscal sense to spend the funds to extend the lives of the large number of streets in need of maintenance.

GIS Map of Current Pavement Conditions

By linking the City's pavement database to a GIS roadway centerline, the City has the ability to create maps to help in the analysis and presentation of the information within the database. The City can easily map current and projected pavement conditions based on numerous potential funding scenarios, and create plans for single or multi-year road programs. The map on the following page which displays the current pavement condition is one example of the type of mapping possible.



2017 Current PCI Map | Portsmouth, New Hampshire



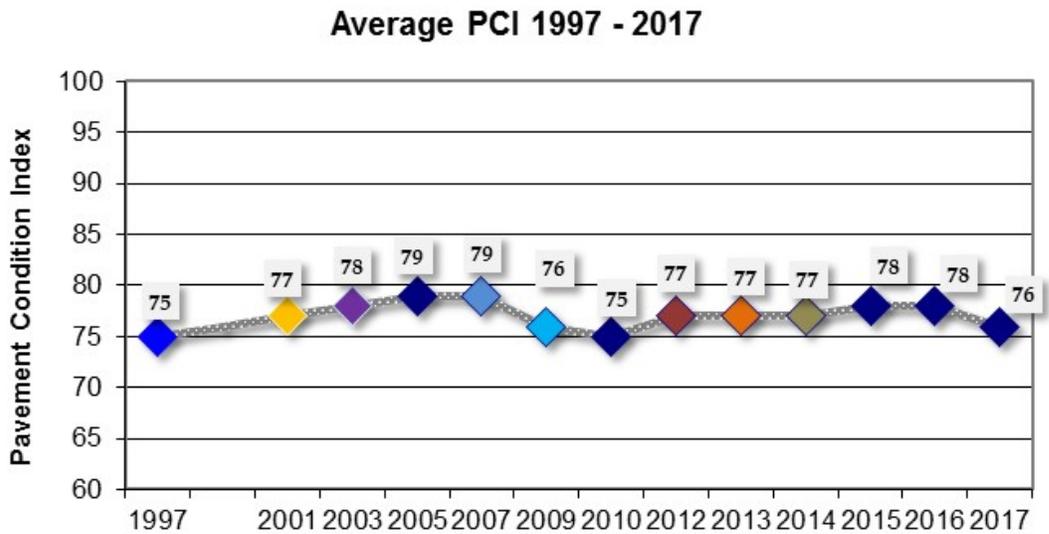
4

Trends

As the pavement management system has been updated over the years, VHB has been able to track the change in overall condition to the City's pavement network.

The following chart shows the change in City-wide average PCI since 1997.

Figure 6 Average PCI 2007-2017¹



¹ Note: No pavement work was completed in 2008.

After a positive trend over the past 6 years, 2017 sees the first dip in PCI since 2010.

Figure 7 Backlog of Cost 2007 – 2017



In looking at the backlog history chart, it must be noted that periodically the construction costs and computer algorithms used to estimate the backlog are updated. For example, in 2012, the City modified the algorithm to a base assumption that most failed roadways would require full-depth reconstruction of the roadway gravel base layers and that we would always add drainage improvements as roads were reconstructed, thus a large increase in the backlog was seen. This repair strategy algorithm was again reviewed in 2016 and it was modified to reflect the latest innovations and approaches of reclaiming and then fortifying the existing gravels of these failed roads as long as they had indications of good base strength, rather than assuming full-depth reconstruction. Roads with poor base strength and/or poor drainage will still be reconstructed as was assumed before. This latest change is reflected in the reduced cost to the current backlog of work as shown in the chart. It should also be noted that this backlog is the cost to recondition the roadway pavements only and do not include the typical ancillary costs such as drainage, curbing and sidewalks.



5

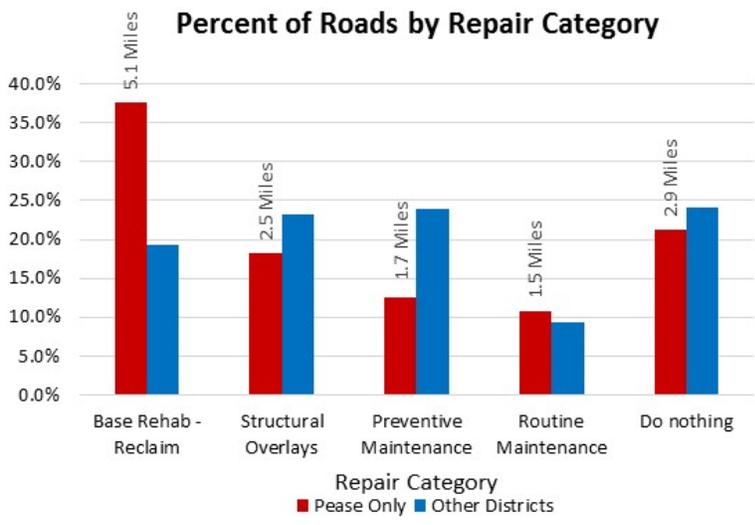
Pease Area

The average PCI for roads in Pease vs. all roads in Portsmouth

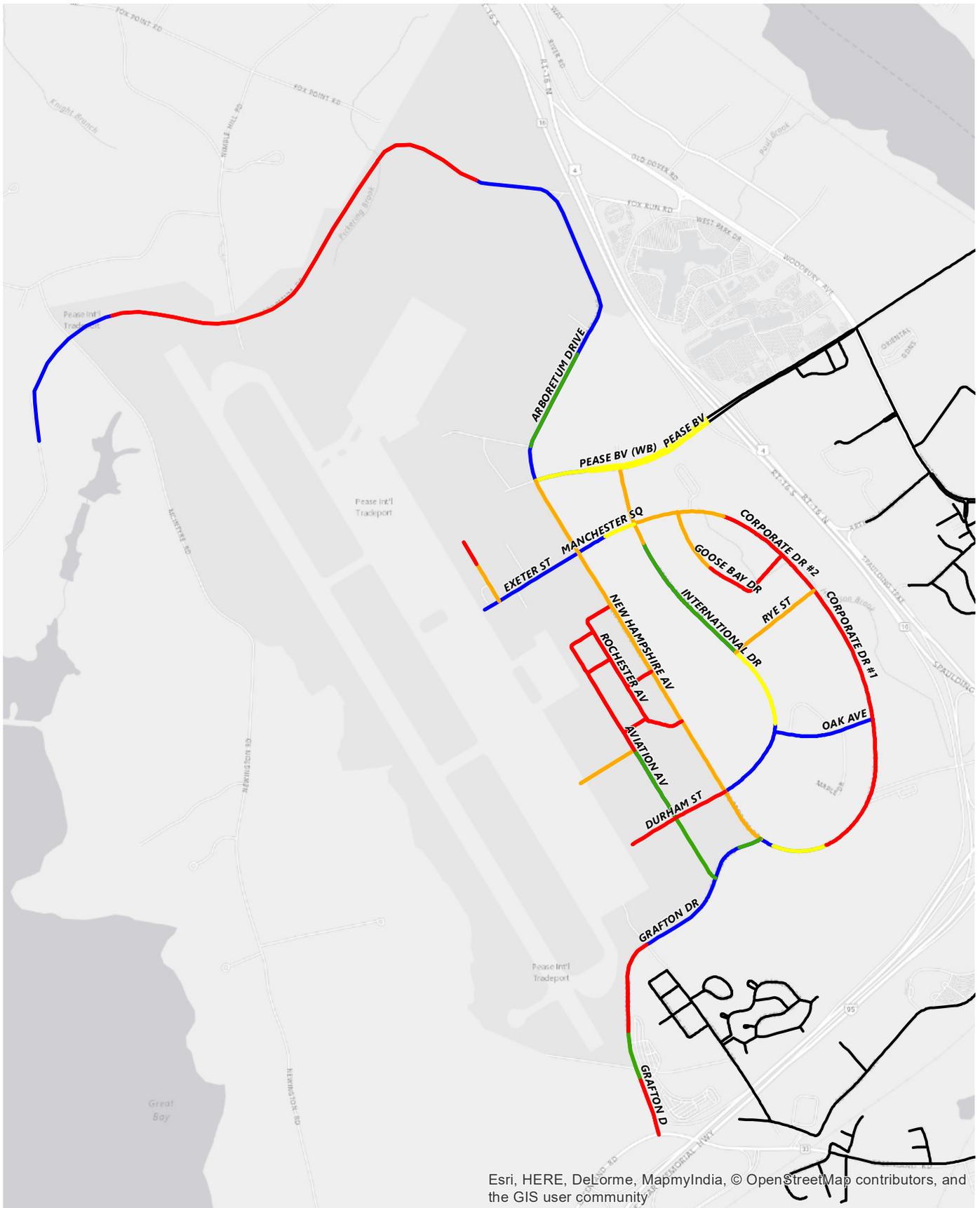
- › Pease: 69 PCI
- › All: 76 PCI

In terms of level of repair needed, the following chart compares Pease to the rest of the city. The total number of miles for public roads in Pease is approximately 13.6 miles. The total number of public roads not including the district of Pease in the city of Portsmouth is 90.5 miles. The percentages in the following graph were determined using the total mileage for each respective area.

Figure 8 Pease Comparison



Recent projects have begun to bridge the gap in the disparity between city-wide conditions and the Pease area, however, it appears that Pease still has a higher percentage of roads in the poorest condition category.



Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community



2017 Pease Area Current PCI Map

Portsmouth, New Hampshire

- Deteriorated PCI**
- Red: 29 - 60
 - Yellow: 61 - 72
 - Orange: 73 - 85
 - Green: 86 - 92
 - Blue: 93 - 100
- Non-Pease Roads**
- Black line



6

Budget Analysis

Portsmouth has a major investment in its 104.1 City maintained road network. It is easy to forget that roadways are a community's single largest investment. Based on Portsmouth's unit cost for reconstruction, without considering signs, signals, curbing, or sidewalks, it would cost Portsmouth well over \$100,000,000 in today's dollars to replace the existing City maintained roadway infrastructure. The final phase of the pavement management process that VHB undertook for this report was the examination of various annual spending levels.

Scenarios Explored

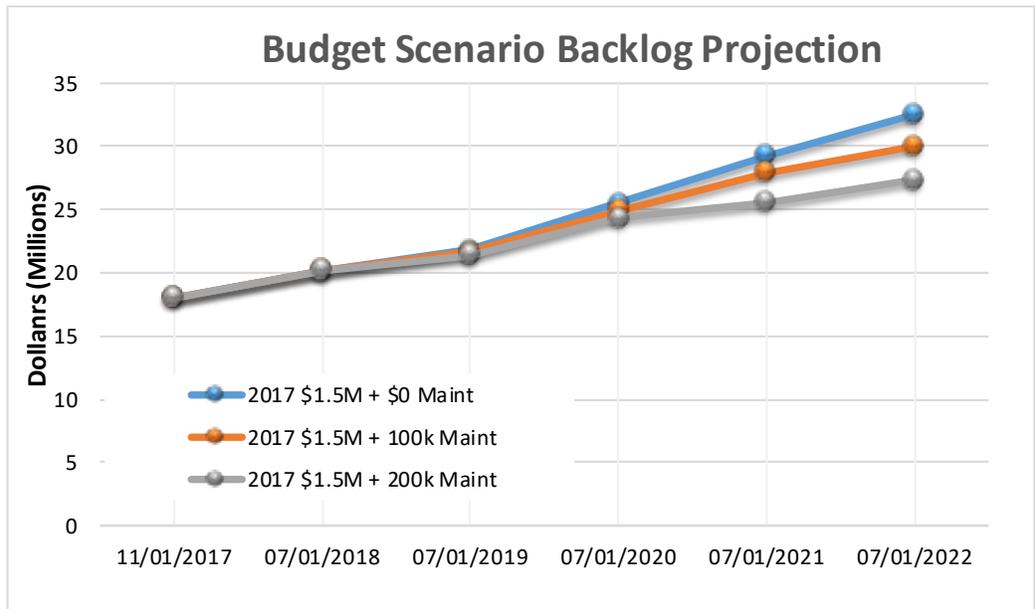
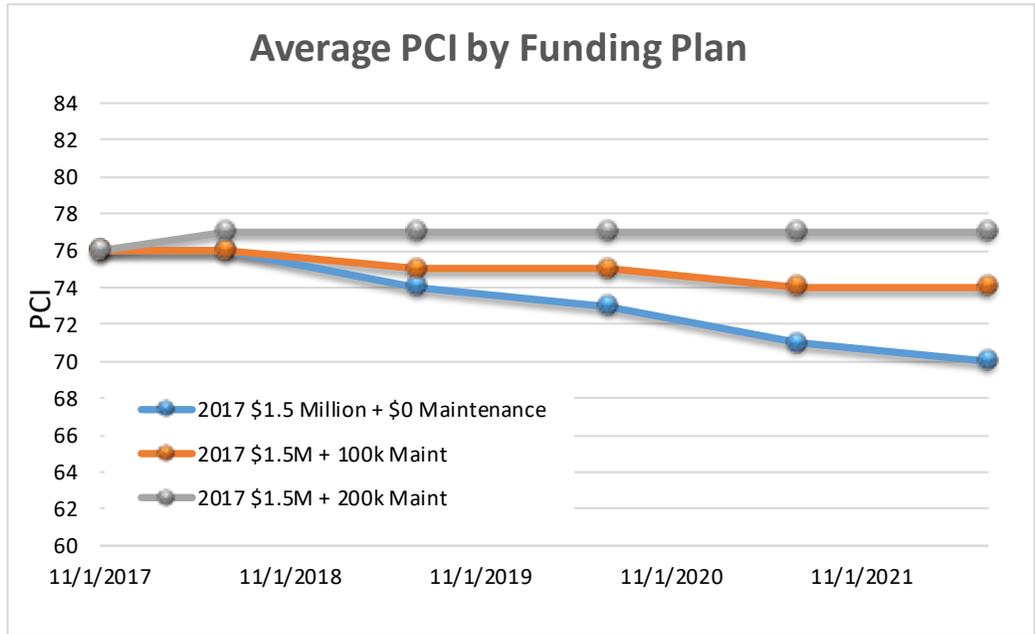
VHB projected the PCI and backlog for three 5-year scenarios. All analysis includes \$1.5 million dollars for Capital Improvements with varying amounts of money allocated to maintenance.

- › \$ 1,500,000 Capital Only
- › \$ 1,500,000 Capital + \$ 100,000 Maintenance
- › \$ 1,500,000 Capital + \$ 200,000 Maintenance

Summary of Budgets

The following graph show the effects of the three funding levels analyzed on Portsmouth’s street network over the next five years. It is apparent performing no maintenance would be detrimental to Portsmouth’s road conditions. The dollar amounts seen in this scenario chart start in 2018, as the 2017 paving season is completed.

Figure 10 PCI Summary



It appears that \$1.5 Million in capital paving projects should be enough to maintain the average PCI if approximately \$200 Thousand of maintenance work is also performed. A larger investment would be needed to maintain or reduce the backlog of work.

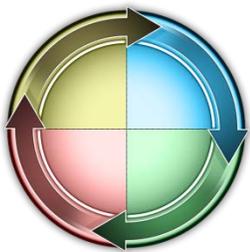


7

Concluding Remarks

The City of Portsmouth has a pavement management system based on updated road condition data collected in 2017. The Portsmouth pavement management system gives City decision-makers a picture of existing roadway infrastructure conditions and a dollar estimate to improve streets in poor condition while protecting those pavements currently in good condition.

The Pavement Management System being implemented by the City is a planning tool, with primary functions of determining the funding levels required to achieve City wide condition goals, and to identify candidate road projects to achieve those goals. Any project list generated by the system needs to be reviewed by the Engineering Department staff and adjusted based on numerous factors, including coordination with utility work, and geographic issues.



Recommendations – *Pavement Management*

- › Budget adequate funds to achieve pavement condition goals
- › Make timely maintenance repairs
- › Repair localized base problems before applying an overlay
- › Address major rehabilitation needs as funding allows
- › **Develop multi-year road programs**
- › Coordinate with local utilities to perform upgrades and repairs in advance of projected construction projects

- › **Perform project level testing prior to major rehabilitation projects to ensure proper life of new pavement**
- › **Provide for construction inspection at the plant and in the field to ensure quality material is provided and quality work is being performed**
- › Update database to reflect work that is done (maintains accuracy of system)
- › Update pavement conditions at a minimum of every 4 years or 25% per year
- › Track specific and overall conditions periodically
- › **Evaluate funding levels periodically**

Appendix A: Backlog List Alphabetical

All backlogs are based from PCIs projected to November 2017.

Pavement Backlog Report- Alphabetical

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2017							
ADAMS AV	HARDING RD	DEAD END	Prev. Maintenance	468	75	\$7,840	5
AIRLINE AV	EXETER ST	700' N OF EXETER ST	Overlay LO	700	65	\$35,471	3
AIRLINE AV	700' N OF EXETER ST	GATE	Full Depth Reclaim LO	422	55	\$33,151	3
ALBACORE WAY	SARATOGA WAY	CRESCENT WAY	Do Nothing	626	93	\$0	0
ALBANY ST	ISLINGTON ST	BREWERY LN	Do Nothing	506	93	\$0	0
ALBANY ST	BREWERY	CASS ST	Do Nothing	231	100	\$0	0
ALDER WAY	KANE ST	DEAD END	Full Depth Reclaim LO	208	57	\$15,723	6
ALDRICH CT	ALDRICH RD	DEAD END	Do Nothing	194	99	\$0	0
ALDRICH RD	ISLINGTON ST	JOFFRE TE	Do Nothing	993	100	\$0	0
ALDRICH RD	JOFFRE TE	MIDDLE ST	Crackseal or Patch	922	93	\$976	346
ANDREW JARVIS DR	LAFAYETTE RD	HIGH SCHOOL PARKING LOT	Fortified Reclaim LO	812	44	\$73,924	3
ANNE AV	ROBERTS AV	JOAN AV	Crackseal & Patch	425	80	\$2,392	18
ARBORETUM DRIVE	PEASE BLVD	570' N OF PEASE BLVD	Do Nothing	570	93	\$0	0
ARBORETUM DRIVE	570' N OF PEASE BLVD	2255' N OF PEASE BLVD	Crackseal or Patch	1,685	90	\$1,729	89
ARBORETUM DRIVE	2255' N OF PEASE BLVD	2722' N OF PEASE BLVD	Do Nothing	467	93	\$0	0
ARBORETUM DRIVE	2722' N OF PEASE BLVD	5553' N OF PEASE BLVD	Do Nothing	2,831	98	\$0	0
ARBORETUM DRIVE	5553' N OF PEASE BLVD	5511' E OF SHORT ST	Do Nothing	836	93	\$0	0
ARBORETUM DRIVE	5511' E OF SHORT ST	3653' E OF SHORT ST	Fortified Reclaim LO	1,858	43	\$155,643	7
ARBORETUM DRIVE	3653' E OF SHORT ST	2682' E OF SHORT ST	Fortified Reclaim LO	971	39	\$81,360	8
ARBORETUM DRIVE	2682' E OF SHORT ST	1093' E OF SHORT ST	Fortified Reclaim LO	1,590	41	\$133,147	7
ARBORETUM DRIVE	1093' E OF SHORT ST	SHORT ST	Full Depth Reclaim LO	1,093	60	\$76,031	6
ARBORETUM DRIVE	SHORT ST	WILDLIFE REFUGE ROAD CLOSURE	Full Depth Const. LO	2,002	38	\$389,629	4
ARBORETUM DRIVE	WILDLIFE REFUGE ROAD CLOSURE	DEAD END	Do Nothing	2,655	100	\$0	0
ARTHUR F BRADY DR	WOODBURY AV	APPLEBEE'S DRIVEWAY	Do Nothing	233	100	\$0	0
ARTHUR F BRADY DR	APPLEBEE'S DRIVEWAY	800' S OF WOODBURY AVE	Do Nothing	579	100	\$0	0
ARTHUR F BRADY DR	800' S OF WOODBURY AVE	STATE ON-RAMP	Do Nothing	501	100	\$0	0
ARTHUR RD	CLEVELAND DR	TAYLOR RD	Crackseal & Patch	634	78	\$3,568	19
ASH ST	ORCHARD ST	WILLARD AV	Overlay LO	279	63	\$9,421	6
ASH ST	WILLARD AV	DEAD END	Crackseal & Patch	357	77	\$1,473	9
ASHLAND ST	CUTTS AV	CENTRAL AV	Fortified Reclaim LO	350	41	\$19,118	7
ATKINSON ST	STATE ST	COURT ST	Crackseal or Patch	191	91	\$114	88
AUSTIN ST	MIDDLE ST	SUMMER ST	Do Nothing	481	100	\$0	0
AUSTIN ST	SUMMER ST	CABOT ST	Overlay LO	497	68	\$18,460	6
AUSTIN ST	CABOT ST	UNION ST	Do Nothing	339	100	\$0	0
AUSTIN ST	UNION ST	MADISON ST	Do Nothing	251	100	\$0	0

Pavement Backlog Report- Alphabetical

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
AUTUMN ST	HILL ST	HANOVER ST	Do Nothing	117	95	\$0	0
AVIATION AV	GRAFTON DR	DURHAM ST	Crackseal or Patch	1,177	89	\$1,208	90
AVIATION AV	DURHAM ST	HAMPTON RD	Crackseal or Patch	1,298	90	\$1,246	45
AVIATION AV	HAMPTON RD	ROCHESTER AV	Fortified Reclaim LO	2,409	36	\$254,371	4
BALL ST	NEW CASTLE AV	DEAD END	Crackseal & Patch	207	77	\$466	9
BANFIELD RD	PEVERLY HILL RD	475' S OF PEVERLY HILL R	Prev. Maintenance	475	73	\$10,368	187
BANFIELD RD	475' S OF PEVERLY HILL R	750' S OF PEVERLY HILL R	Prev. Maintenance	275	75	\$3,350	182
BANFIELD RD	750' S OF PEVERLY HILL R	CONSTITUTION AV	Crackseal & Patch	5,045	72	\$22,714	365
BANFIELD RD	CONSTITUTION AV	541' N OF OCEAN RD	Full Depth Reclaim LO	3,514	60	\$244,373	109
BANFIELD RD	541' N OF OCEAN RD	OCEAN RD	Crackseal & Patch	542	80	\$2,542	328
BARBERRY LN	ISLINGTON ST	FOCH AV	Crackseal & Patch	736	85	\$2,761	9
BARBERRY LN	FOCH AV	DEAD END	Crackseal or Patch	424	90	\$183	45
BARTLETT ST	ISLINGTON ST	500' W OF ISLINGTON ST	Crackseal & Patch	500	83	\$3,471	598
BARTLETT ST	500' W OF ISLINGTON ST	THORNTON ST	Overlay AR/CO	1,303	66	\$51,835	115
BARTLETT ST	THORNTON ST	DENNETT ST	Full Depth Reclaim AR/CC	338	45	\$53,516	123
BARTLETT ST	DENNETT ST	DEAD END	Full Depth Reclaim LO	206	52	\$10,589	4
BAYCLIFF RD	NEW CASTLE AV	DEAD END	Crackseal & Patch	347	77	\$1,953	9
BEECHWOOD ST	CENTRAL AV	CUTTS ST	Fortified Reclaim LO	348	47	\$29,147	6
BENSON ST	SIMS AV	DEAD END	Overlay LO	249	69	\$4,484	3
BERSUM LN	BROAD ST	MILLER AV	Do Nothing	339	100	\$0	0
BIRCH ST	KEARSARGE WY	DEAD END	Crackseal or Patch	132	88	\$87	46
BLOSSOM ST	SOUTH ST	DEAD END	Crackseal or Patch	221	86	\$117	47
BLUE HERON DR	SHEARWATER DR	DUNLIN WY	Full Depth Reclaim LO	2,157	54	\$130,438	7
BORTHWICK AV	GREENLAND RD	2750' N OF GREENLAND RD	Crackseal & Patch	2,745	83	\$21,113	231
BORTHWICK AV	2750' N OF GREENLAND RD	400' S OF RT 1 BY-PASS	Crackseal or Patch	3,503	91	\$3,595	1,158
BORTHWICK AV	400' S OF RT 1 BY-PASS	RT 1 BY-PASS	Crackseal & Patch	430	83	\$5,647	231
BOSS AV	ALDRICH RD	110' S OF SUNSET RD	Do Nothing	425	99	\$0	0
BOSS AV	110' S OF SUNSET RD	MIDDLE RD	Overlay LO	627	67	\$15,526	6
BOW ST	DANIEL ST	464' N OF DANIEL ST	Overlay AR/CO	454	68	\$14,449	13
BOW ST	464' N OF DANIEL ST	100' W OF CHAPEL ST	Crackseal or Patch	246	91	\$163	265
BOW ST	100' W OF CHAPEL ST	MARKET ST #1	Do Nothing	406	99	\$0	0
BOYAN PL	PLEASANT POINT DR	CUL DE SAC	Crackseal & Patch	276	81	\$1,928	9
BOYD RD	WOODBURY AV	RT 1 BY PASS RAMP	Full Depth Reclaim LO	837	51	\$53,146	7
BRACKETT LN	BRACKETT RD	SOUTH ST	Crackseal & Patch	540	81	\$2,735	180
BRACKETT RD	HAVEN ST	DEAD END	Crackseal & Patch	829	83	\$3,732	9
BREWERY LN	PARKING LOT (JEWELL CT)	60' WEST OF JEWELL CT	Overlay LO	140	68	\$4,412	6

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BREWERY LN	60' WEST OF JEWELL CT	200' EAST OF JEWELL CT	Crackseal or Patch	260	90	\$207	89
BREWERY LN	200' EAST OF JEWELL CT	CASS ST	Do Nothing	251	98	\$0	0
BREWSTER ST	ISLINGTON AV	DEAD END	Do Nothing	587	100	\$0	0
BRIDGE ST	DEER ST	HANOVER ST	Overlay AR/CO	372	69	\$14,795	13
BRIDGE ST	HANOVER ST	ISLINGTON ST	Do Nothing	379	100	\$0	0
BRIGHAM LN	CUTTS AV	CUL-DE-SAC	Crackseal or Patch	558	88	\$745	91
BROAD ST	MERRIMAC ST	82' S OF HIGHLAND ST	Do Nothing	664	100	\$0	0
BROAD ST	82' S OF HIGHLAND ST	LINCOLN ST	Do Nothing	201	99	\$0	0
BROAD ST	LINCOLN AVE	SOUTH ST	Do Nothing	963	93	\$0	0
BROAD ST	SOUTH ST	JONES AVE	Overlay LO	1,541	69	\$55,519	57
BUCKMINSTER WAY	OCEAN RD (S)	938' N OF OCEAN DR (S)	Do Nothing	944	100	\$0	0
BUCKMINSTER WAY	938' N OF OCEAN DR (S)	OCEAN DR (N)	Do Nothing	2,170	100	\$0	0
BURKITT ST	CLINTON ST	THORNTON ST	Full Depth Reclaim LO	575	59	\$45,203	6
BURKITT ST	THORNTON ST	DENNETT ST	Full Depth Reclaim LO	296	54	\$23,270	7
BURKITT ST EXT	DENNETT ST	140' W OF DENNETT ST	Fortified Reclaim LO	127	49	\$13,874	3
CABOT ST	MIDDLE ST	ISLINGTON ST	Full Depth Reclaim LO	1,250	60	\$120,944	21
CABOT ST	ISLINGTON ST	DEAD END	Do Nothing	445	97	\$0	0
CAMPUS DRIVE	WEST RD	CUL DE SAC LOOP	Do Nothing	811	100	\$0	0
CARDINAL LN	WINCHESTER ST	DEAD END	Do Nothing	304	97	\$0	0
CASS ST	MIDDLE ST	ALBANY ST	Do Nothing	1,038	96	\$0	0
CASS ST	ALBANY ST	ISLINGTON ST	Do Nothing	514	96	\$0	0
CATE ST	COTTAGE ST	547' S OF BARTLETT ST	Crackseal & Patch	929	75	\$3,486	35
CATE ST	547' S OF BARTLETT ST	BARTLETT ST	Prev. Maintenance	541	74	\$7,689	15
CENTRAL AV	CUTTS ST	280' W OF CUTTS ST	Full Depth Reclaim LO	277	53	\$23,451	7
CENTRAL AV	280' W OF CUTTS ST	MAPLEWOOD AV	Fortified Reclaim LO	706	44	\$74,557	7
CENTRAL AV	MAPLEWOOD AV	MYRTLE AV S	Crackseal & Patch	966	73	\$4,712	20
CENTRE ST	BOYD RD	GARDEN ST	Do Nothing	292	99	\$0	0
CERES ST	BOW ST	DEAD END (PRIVATE LOT)	Do Nothing	344	99	\$0	0
CHAPEL CT	CHAPEL ST	PARKING LOT	Crackseal & Patch	130	80	\$390	18
CHAPEL ST	BOW ST	DANIEL ST	Full Depth Reclaim LO	472	54	\$31,397	7
CHAPEL ST	DANIEL ST	STATE ST	Do Nothing	287	100	\$0	0
CHASE DR	MICHAEL SUCCI DR	CUTTS AV EX	Fortified Reclaim LO	913	48	\$93,093	6
CHATHAM ST	WINTER ST	SUMMER ST	Crackseal or Patch	371	87	\$233	18
CHAUNCY ST	WIBIRD ST	UNION ST	Do Nothing	335	100	\$0	0
CHESTNUT ST #1	CONGRESS ST	PORTER ST	Full Depth Reclaim LO	188	46	\$10,232	9
CHESTNUT ST #2	STATE ST	DEAD END	Do Nothing	135	100	\$0	0

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CHEVROLET AV	CASS ST	ALBANY ST	Do Nothing	239	93	\$0	0
CHURCH ST	CONGRESS ST	70' S OF CONGRESS ST	Do Nothing	68	97	\$0	0
CHURCH ST	70' S OF CONGRESS ST	STATE ST	Full Depth Reclaim LO	352	50	\$15,960	4
CHURCH ST	STATE ST	DEAD END	Full Depth Reclaim LO	260	52	\$11,791	4
CLEVELAND DR	TAFT RD	VAN BUREN AV	Crackseal & Patch	1,194	77	\$6,496	19
CLIFF RD	SAGAMORE AV	CLIFF RD #2	Full Depth Reclaim LO	326	47	\$23,657	8
CLIFF RD #2	DEAD END	DEAD END	Fortified Reclaim LO	317	44	\$27,705	3
CLINTON ST	BARTLETT ST	STARK ST	Do Nothing	829	95	\$0	0
CLINTON ST	STARK ST	SPARHAWK ST	Do Nothing	469	95	\$0	0
CLOUGH DR	SOUTH ST	855' E OF SOUTH ST	Full Depth Reclaim LO	839	55	\$60,883	7
CLOUGH DR	855' E OF SOUTH ST	478' S OF BRACKET RD	Full Depth Reclaim LO	463	44	\$48,997	8
CLOUGH DR	478' S OF BRACKET RD	BRACKET RD	Do Nothing	470	95	\$0	0
CLOVER LA	FARM LA	MEADOW RD	Do Nothing	748	93	\$0	0
COACH RD	LAFAYETTE RD	CUL-DE-SAC LOOP	Overlay LO	1,295	67	\$46,644	3
COAKLEY RD	RT 1 BY PASS	606' W OF RTE BYPASS	Do Nothing	606	99	\$0	0
COAKLEY RD	606' W OF RTE BYPASS	COAKLEY RD (LOOP)	Overlay LO	2,601	61	\$87,828	12
COFFIN CT	CABOT ST	UNION ST	Fortified Reclaim LO	335	40	\$13,419	8
COLONIAL DR	SHERBURNE RD	2500' N OF SHERBURNE RD	Full Depth Reclaim LO	2,509	57	\$197,241	6
COLONIAL DR	2500' N OF SHERBURNE RD	SHERBURNE RD	Overlay LO	1,592	66	\$46,590	6
COLUMBIA CT	COLUMBIA ST	DEAD END	Do Nothing	207	100	\$0	0
COLUMBIA ST	STATE ST	ISLINGTON ST	Do Nothing	498	100	\$0	0
COMMERCE WAY	WOODBURY AV	PORTSMOUTH BLVD	Do Nothing	2,798	100	\$0	0
CONCORD WY	PREBLE WY	CRESCENT WY	Do Nothing	1,393	93	\$0	0
CONGRESS ST	PLEASANT ST	MIDDLE ST	Overlay w/mill AR/CO	998	68	\$58,589	98
CONSTITUTION AV	LAFAYETTE RD	350' W OF LAFAYETTE RD	Crackseal or Patch	350	88	\$463	365
CONSTITUTION AV	350' W OF LAFAYETTE RD	1810' W OF LAFAYETTE RD	Crackseal or Patch	1,460	86	\$1,547	631
CONSTITUTION AV	1810' W OF LAFAYETTE RD	BANFIELD RD	Crackseal & Patch	2,260	76	\$13,991	127
COOLIDGE DR	HOOVER DR	MCKINLEY RD	Prev. Maintenance	1,364	72	\$15,925	11
COOLIDGE DR	MCKINLEY RD	WILSON RD	Crackseal & Patch	960	84	\$4,322	17
COOLIDGE DR EX (Y INT)	WILSON RD	COOLIDGE DR	Crackseal or Patch	128	88	\$161	91
CORNWALL ST	ISLINGTON AV	MCDONOUGH ST	Do Nothing	358	100	\$0	0
CORPORATE DR #1	NEW HAMPSHIRE AV	GRAFTON DR	Overlay AR/CO	983	69	\$29,049	42
CORPORATE DR #1	GRAFTON DR	228' E OF GRAFTON DR	Do Nothing	228	100	\$0	0
CORPORATE DR #1	228' E OF GRAFTON DR	1117' E OF GRAFTON	Crackseal & Patch	889	84	\$4,169	174
CORPORATE DR #1	1117' E OF GRAFTON	RYE ST	Full Depth Reclaim AR/CC	4,692	50	\$568,089	34
CORPORATE DR #2	RYE ST	772' E OF GOOSE BAY DR W	Full Depth Reclaim AR/CC	1,926	45	\$233,193	47

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CORPORATE DR #2	772' E OF GOOSE BAY DR W	GOOSE BAY DR (W)	Overlay AR/CO	774	68	\$39,588	86
CORPORATE DR #2	GOOSE BAY DR (W)	INTERNATIONAL DR	Overlay AR/CO	716	68	\$44,760	34
COTTAGE ST	WOODBURY AV	RT 1 BYPASS RAMP	Crackseal or Patch	1,170	88	\$968	122
COURT PL	STATE ST	COURT ST	Crackseal & Patch	193	84	\$1,303	17
COURT ST	MARCY ST	PLEASANT ST	Crackseal & Patch	1,250	76	\$5,393	192
COURT ST	PLEASANT ST	MIDDLE ST	Overlay AR/CO	1,111	69	\$41,671	42
CRESCENT WY	KEARSAGE WY	470' W OF KEARSAGE WY	Crackseal & Patch	470	83	\$2,203	9
CRESCENT WY	470' W OF KEARSAGE WY	ALBACORE WY	Crackseal & Patch	956	82	\$4,483	9
CUSTOM HOUSE CT	PENHALLOW ST	DEAD END	Crackseal or Patch	175	91	\$104	44
CUTTS AV	DEAD END (S)	CHASE DR	Prev. Maintenance	261	72	\$3,180	5
CUTTS AV	CHASE DR	DEAD END (N)	Crackseal & Patch	792	84	\$3,566	70
CUTTS ST	RT 1 BY PASS	MAPLEWOOD AV	Crackseal & Patch	396	82	\$2,526	178
CUTTS ST	MAPLEWOOD AV	ASHLAND ST	Full Depth Const. LO	261	42	\$61,854	3
CUTTS ST	ASHLAND ST	CENTRAL ST	Fortified Reclaim LO	763	46	\$94,469	26
DANIEL ST	STATE ST	BOW ST	Crackseal or Patch	307	92	\$407	1,136
DANIEL ST	BOW ST	MARKET ST	Crackseal or Patch	941	90	\$1,247	1,161
DAVIS RD	GRIFFIN RD	CUL DE SAC	Crackseal & Patch	574	81	\$3,747	9
DEARBORN ST	MAPLEWOOD AV	DEAD END	Full Depth Const. LO	265	38	\$33,644	2
DECATUR RD	COLONIAL DR	COLONIAL DR	Full Depth Reclaim LO	1,042	60	\$78,765	6
DEER ST	BRIDGE ST	MAPLEWOOD AV	Crackseal & Patch	350	83	\$2,298	281
DEER ST	MAPLEWOOD AV	RUSSELL ST	Full Depth Reclaim AR/CC	447	56	\$104,172	99
DEER ST	RUSSELL ST	MARKET ST	Full Depth Reclaim LO	483	39	\$73,061	243
DENISE ST	MARIETTE DR	MARIETTE DR	Crackseal & Patch	893	85	\$4,691	17
DENNETT ST	MAPLEWOOD AV	BARTLETT ST	Overlay AR/CO	312	67	\$14,194	43
DENNETT ST	BARTLETT ST	BURRITT ST	Overlay AR/CO	979	67	\$36,724	43
DENNETT ST	BURRITT ST	100' S OF MILL POND WAY	Overlay AR/CO	1,004	67	\$30,802	43
DENNETT ST	100' S OF MILL POND WAY	WOODBURY AV	Overlay AR/CO	1,234	67	\$40,675	43
DIAMOND DR	ONYX LA	RUBY RD	Overlay LO	680	65	\$19,135	6
DODGE AV	GREENLAND RD	DEAD END	Fortified Reclaim LO	807	47	\$88,162	3
DODGE AVE #2	DODGE AV	DEAD END	Fortified Reclaim LO	229	51	\$26,685	3
DORIS AV	SHERBURNE RD	GREENSIDE AV	Crackseal or Patch	376	86	\$311	93
DOVER ST	ISLINGTON ST	MCDONOUGH ST	Do Nothing	307	100	\$0	0
DRIFTWOOD LN	NEW CASTLE AV	DEAD END	Do Nothing	280	95	\$0	0
DUNLIN WAY	BLUE HERON DR	PORTSMOUTH BLVD	Overlay LO	875	68	\$19,697	6
DURGIN LN #2	DURGIN LN (EB & WB)	DEAD END	Do Nothing	903	100	\$0	0
DURGIN LN EB	END OF ISLAND	WOODBURY AV	Do Nothing	248	100	\$0	0

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DURGIN LN WB	WOODBURY AV	END OF ISLAND	Do Nothing	248	100	\$0	0
DURHAM ST	NEW HAMPSHIRE AV	AVIATION AV	Fortified Reclaim LO	970	38	\$91,840	8
DURHAM ST	AVIATION AV	DEAD END	Fortified Reclaim LO	768	36	\$55,934	4
DUTTON AV	MARCY ST	SCOTT AV	Do Nothing	461	98	\$0	0
DWIGHT AV	TYLER AV	VAN BUREN AV	Full Depth Reclaim LO	510	54	\$52,429	7
ECHO AV	SPAULDING TP	HILLCREST DR	Overlay LO	865	69	\$23,367	11
ECHO AV	HILLCREST DR	WOODBURY AV	Crackseal or Patch	499	86	\$396	134
EDGEWOOD RD	ELWYN RD	250' S OF ELWYN RD	Crackseal & Patch	246	82	\$1,546	18
EDGEWOOD RD	250' S OF ELWYN RD	GRANT AV	Overlay LO	622	70	\$23,804	6
EDMOND AV	MAPLEWOOD AV	WOODBURY AV	Fortified Reclaim LO	2,043	44	\$185,992	7
EDWARD ST	PLEASANT ST	200' N OF JUNKINS ST	Full Depth Const. LO	260	35	\$44,012	4
EDWARDS ST	200' N OF JUNKINS ST	JUNKINS ST	Full Depth Reclaim LO	204	59	\$12,336	25
ELM CT	ISLINGTON ST	DEAD END	Fortified Reclaim LO	107	41	\$7,014	4
ELWYN AV	SOUTH ST	ROCKLAND ST	Crackseal or Patch	1,114	88	\$1,106	91
ELWYN RD	RYE TOWN LINE	EDGEWOOD RD	Crackseal & Patch	6,161	83	\$34,672	176
ELWYN RD	EDGEWOOD RD	LAFAYETTE RD	Crackseal & Patch	447	83	\$4,864	176
ESSEX AV	ISLINGTON ST	MELBOURNE ST	Crackseal & Patch	244	82	\$1,190	178
ESSEX AV	MELBOURNE ST	MIDDLE RD	Full Depth Reclaim AR/CC	1,404	57	\$209,220	37
EXETER ST	NEW HAMPSHIRE AV	AIRLINE AV	Do Nothing	1,788	100	\$0	0
F W HARTFORD DR	TAFT RD	210' E OF TAFT RD	Do Nothing	210	99	\$0	0
F W HARTFORD DR	210' E OF TAFT RD	T J GAMESTER AV (W)	Full Depth Reclaim LO	401	54	\$42,447	7
F W HARTFORD DR	T J GAMESTER AV (W)	840' S OF T J GAMESTER AV	Do Nothing	3,872	100	\$0	0
F W HARTFORD DR	840' S OF T J GAMESTER AV	HARDING RD	Prev. Maintenance	833	76	\$13,531	10
FAIRVIEW AV	MAPLEWOOD AV	OLEARY PL	Overlay LO	248	67	\$12,287	6
FAIRVIEW AV	OLEARY PL	EDMOND AV	Overlay LO	463	66	\$13,026	6
FAIRVIEW DR	MAPLEWOOD AV	DEAD END	Do Nothing	831	95	\$0	0
FALKLAND PL	RANGER WY	KEARSAGE WY	Crackseal & Patch	225	82	\$1,182	18
FALKLAND WY	KEARSARGE WY	DEAD END	Crackseal & Patch	112	80	\$399	9
FARM LN	WOODBURY AV	25' W OF MEADOW RD	Crackseal & Patch	331	85	\$1,614	30
FARM LN	25' W OF MEADOW RD	SPAULDING TP	Prev. Maintenance	928	72	\$14,132	19
FELLS RD	THAXTER RD	THAXTER RD	Crackseal & Patch	702	82	\$4,609	18
FERNALD CT	NEW CASTLE AV	DEAD END	Crackseal or Patch	291	88	\$231	46
FIELDS RD	SEWALL RD	SEWALL RD	Crackseal or Patch	632	87	\$628	92
FILMORE RD	DEAD END	VAN BUREN AV	Prev. Maintenance	165	75	\$1,931	5
FILMORE RD	VAN BUREN AV	HARDING RD	Overlay w/mill LO	442	66	\$20,101	5
FLEET ST	COURT ST	HANOVER ST	Fortified Reclaim AR/CO	1,046	41	\$139,666	15

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FLETCHER ST	SIMS AV	DEAD END	Crackseal & Patch	178	72	\$668	10
FOCH AV	BARBERRY LA	DEAD END	Do Nothing	476	93	\$0	0
FRANKLIN AV	WOODBURY AV	DEAD END	Full Depth Reclaim LO	738	58	\$62,480	3
FRANKLIN ST	PLEASANT ST	DEAD END	Fortified Reclaim LO	244	52	\$19,548	3
FRENCHMAN'S LN	ISLINGTON ST	DEAD END	Fortified Reclaim LO	221	38	\$16,096	4
FRIEND ST	CASS ST	DEAD END	Do Nothing	198	100	\$0	0
GARDEN ST	CENTRE ST	DEAD END	Crackseal or Patch	119	88	\$63	4
GARDNER ST	MECHANIC ST	MARCY ST	Do Nothing	374	100	\$0	0
GARFIELD RD	MCKINLEY RD	TAFT RD	Crackseal & Patch	676	79	\$3,551	18
GATES ST	HANCOCK ST	MECHANIC ST	Crackseal or Patch	1,045	92	\$692	87
GEORGES TR	COLONIAL DR	COLONIAL DR	Crackseal & Patch	400	84	\$1,651	17
GOOSE BAY DR	CORPORATE DR (W)	1069' E OF CORPORATE DR W	Crackseal & Patch	1,071	72	\$6,027	20
GOOSE BAY DR	1069' E OF CORPORATE DR W	1897' E OF CORPORATE DR W	Fortified Reclaim LO	830	42	\$90,675	29
GOOSE BAY DR	1897' E OF CORPORATE DR W	CORPORATE DR (E)	Full Depth Const. LO	703	35	\$130,902	16
GOSLING A	PEASE BLVD	UNDER HIGHWAY 16	Crackseal or Patch	675	88	\$1,117	1,825
GOSLING RD	R X R TRACKS	300' E OF WOODBURY AV	Overlay LO	2,533	68	\$71,277	6
GOSLING RD	300' E OF WOODBURY AV	130' E OF WOODBURY AV	Prev. Maintenance	170	76	\$2,589	10
GOSLING RD	130' E OF WOODBURY AV	150' W OF WOODBURY AV	Overlay AR/CO	280	67	\$7,638	148
GOSLING RD	150' W OF WOODBURY AV	WEDGEWOOD RD	Overlay AR/CO	936	71	\$81,917	139
GOSLING RD (EB)	SPAULDING TP	WEDGEWOOD DR	Overlay AR/CO	1,023	69	\$46,510	143
GOSLING RD (EB)	WEDGEWOOD RD	END OF MEDIAN	Overlay AR/CO	1,241	67	\$42,316	148
GOSLING RD (WB)	WEDGEWOOD RD	SPAULDING TP	Crackseal & Patch	1,022	76	\$5,752	653
GOSLING RD (WB)	UNDER RT 16	PEASE BLVD	Crackseal or Patch	671	86	\$1,066	1,866
GOSPORT RD	ELWIN RD	ODIORNE POINT RD (E)	Overlay LO	2,913	68	\$108,200	6
GRAFTON D	SHERBURNE RD (EXT)	1762' N OF GRAFTON RD	Full Depth Reclaim AR/CC	1,533	57	\$228,443	75
GRAFTON D	1762' N OF GRAFTON RD	937' N OF RT 33	Crackseal or Patch	825	86	\$1,256	1,866
GRAFTON D	937' N OF RT 33	RT 33	Full Depth Reclaim AR/CC	937	58	\$218,217	74
GRAFTON DR	CORPORATE DR	376' S OF CORPORATE DR	Crackseal or Patch	376	91	\$523	2,120
GRAFTON DR	376' S OF CORPORATE DR	SHERBURNE RD (EXT)	Do Nothing	2,266	98	\$0	0
GRANITE ST	WOODBURY AV	DEAD END	Do Nothing	393	95	\$0	0
GRANT AV	HOOVER DR	MCKINLEY RD	Crackseal & Patch	1,423	78	\$6,407	19
GRANT AV	MCKINLEY RD	WILSON RD	Prev. Maintenance	1,005	73	\$15,304	10
GRANT AV	WILSON RD	EDGEWOOD RD	Overlay LO	356	61	\$8,014	6
GRANT AV	EDGEWOOD RD	ELWYN RD	Prev. Maintenance	244	75	\$3,716	10
GRAY'S LN	SAGAMORE AV	BROAD ST	Full Depth Const. LO	267	40	\$20,339	4
GREEN ST	VAUGHAN ST	RUSSELL ST	Fortified Reclaim LO	487	45	\$40,789	7

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GREENLAND RD	ISLINGTON ST	PEVERLY HILL RD	Crackseal or Patch	901	87	\$805	1,107
GREENLAND RD #1	GRIFFIN RD	ISLINGTON ST	Crackseal & Patch	2,789	72	\$26,160	740
GREENLAND RD #2	DEAD END	SHERBURN DR	Fortified Reclaim LO	467	42	\$64,623	4
GREENLAND RD #2	SHERBURN DR	GREENLAND RD	Overlay w/mill LO	395	64	\$14,704	9
GREENLAND RD #2	GREENLAND RD	BORTHWICK AV	Crackseal or Patch	443	91	\$396	88
GREENLAND RD #3	RT 101	DEAD END	Crackseal or Patch	456	86	\$423	47
GREENLEAF AV	PEVERLY HILL RD	340' S OF RT 1 BY PASS	Crackseal or Patch	2,452	89	\$1,948	903
GREENLEAF AV	340' S OF RT 1 BY PASS	110' S OF RT 1 BY PASS	Do Nothing	230	94	\$0	0
GREENLEAF AV	110' S OF RT 1 BY PASS	140' N OF RT 1 BY PASS	Do Nothing	250	100	\$0	0
GREENLEAF AV	140' N OF RT 1 BY PASS	LAFAYETTE RD	Do Nothing	741	100	\$0	0
GREENSIDE AV	WITMER AV	408' S OF SHERBURNE RD	Crackseal & Patch	1,086	73	\$5,093	20
GREENSIDE AV	408' S OF SHERBURNE RD	SHERBURNE RD	Crackseal & Patch	412	74	\$1,855	20
GRIFFIN RD	GREENLAND RD #1	375' S OF GREENLAND RD	Crackseal & Patch	375	81	\$2,040	18
GRIFFIN RD	375' S OF GREENLAND RD	CUL-DE-SAC	Crackseal & Patch	1,043	77	\$5,378	19
HALL CT	COLONIAL DR	COLONIAL DR	Crackseal & Patch	291	84	\$1,092	17
HAMPSHIRE RD	SHEFFIELD RD	SHEFFIELD RD	Crackseal & Patch	1,288	81	\$8,215	18
HAMPSHIRE RD #2	HAMPSHIRE RD	DEAD END	Crackseal or Patch	137	86	\$109	47
HAMPTON ST	AVIATION AVE	FLIGHT LINE DR	Overlay LO	1,026	61	\$34,638	6
HANCOCK ST	PLEASANT ST	MARCY ST	Crackseal & Patch	827	83	\$4,654	18
HANOVER ST	ROCK ST	PEARL ST	Crackseal or Patch	144	86	\$124	93
HANOVER ST	PEARL ST	BRIDGE ST	Overlay w/mill LO	551	61	\$22,801	10
HANOVER ST	BRIDGE ST	MAPLEWOOD AVE	Overlay AR/CO	150	65	\$7,502	45
HANOVER ST	MAPLEWOOD AVE	PORTWALK	Fortified Reclaim AR/CO	345	43	\$81,076	48
HANOVER ST	PORTWALK	FLEET ST	Full Depth Reclaim AR/CC	152	57	\$31,145	15
HANOVER ST	FLEET ST	100' W OF MARKET ST	Do Nothing	564	100	\$0	0
HANOVER ST	100' W OF MARKET ST	MARKET ST	Do Nothing	101	100	\$0	0
HANOVER ST #1	ROCK ST	BREWSTER ST	Full Depth Reclaim LO	284	58	\$17,174	6
HARDING RD	T J GAMESTER	700' N OF T J GAMESTER	Crackseal & Patch	707	84	\$4,375	17
HARDING RD	700' N OF T J GAMESTER	ADAMS AV	Full Depth Reclaim LO	919	57	\$91,726	6
HARDING RD	ADAMS AV	MCKINLEY RD	Full Depth Reclaim LO	1,822	59	\$159,761	6
HARDING RD	MCKINLEY RD	ELWYN RD	Full Depth Reclaim LO	971	60	\$99,821	6
HARRISON AV	MCKINLEY RD	PIERCE PL	Overlay LO	1,074	71	\$36,266	6
HARVARD ST	GREENLAND RD	DEAD END/GATE	Fortified Reclaim LO	618	40	\$44,973	4
HAVEN RD	SOUTH ST	DEAD END	Crackseal & Patch	546	80	\$2,458	9
HAWTHORNE ST	WIBIRD ST	UNION ST	Do Nothing	368	100	\$0	0
HAYES PL	HARDING RD	MCKINLEY RD	Crackseal & Patch	326	78	\$1,712	19

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HEATHER LN	BUCKMINSTER WY	DEAD END	Do Nothing	134	100	\$0	0
HERITAGE AV	LAFAYETTE RD	1075' W OF LAFAYETTE RD	Do Nothing	1,080	97	\$0	0
HERITAGE AV	100' E OF POST RD	296' W OF POST RD	Do Nothing	398	97	\$0	0
HERITAGE AV	543' W OF POST RD	BANFIELD RD	Do Nothing	2,066	97	\$0	0
HERITAGE AV #2 (EB)	543' W OF POST RD	296' W OF POST RD	Do Nothing	255	97	\$0	0
HERITAGE AV #3 (EB)	100' E OF POST RD	600' E OF POST RD	Do Nothing	543	97	\$0	0
HERITAGE AV (WB)	1075' W OF LAFAYETTE RD	100' E OF POST RD	Do Nothing	507	97	\$0	0
HERITAGE AV (WB)	296' W OF POST RD	543' W OF POST RD	Do Nothing	248	97	\$0	0
HIGH ST	HANOVER ST	225' W OF HANOVER ST	Do Nothing	220	100	\$0	0
HIGH ST	225' W OF HANOVER ST	DEER ST	Do Nothing	312	100	\$0	0
HIGH ST #2	CONGRESS ST	LADD ST	Fortified Reclaim LO	224	49	\$15,498	6
HIGHLAND ST	MILLER AV	RTE 1 (MIDDLE ST)	Do Nothing	1,479	99	\$0	0
HIGHLINER AV	BORTHWICK AV	CUL-DE-SAC	Crackseal & Patch	644	84	\$7,763	9
HILL ST	BRIDGE ST	DEAD END	Overlay w/mill LO	415	69	\$17,173	4
HILLCREST DR	ECHO AVE	WOODLAWN CIR	Crackseal & Patch	946	85	\$5,146	9
HILLSIDE DR	GREENLEAF AV	GREENLEAF AV	Do Nothing	1,534	100	\$0	0
HOLLY LN	SHERBURNE RD	HOLLY LN	Crackseal & Patch	1,553	82	\$9,323	18
HOLMES CT	MARCY ST	DEAD END	Do Nothing	196	95	\$0	0
HOOVER DR	TAFT RD	LAFAYETTE RD	Do Nothing	1,023	94	\$0	0
HOWARD ST	WASHINGTON ST	MANNING ST	Do Nothing	318	99	\$0	0
HUMPHREY'S CT	NEW CASTLE AV	MARCY ST	Crackseal & Patch	612	81	\$2,181	18
HUNKING ST	MARCY ST	MECHANIC ST	Do Nothing	388	99	\$0	0
HUNTERS HILL	DENNETT ST	DEAD END	Fortified Reclaim LO	239	46	\$0	7
INTERNATIONAL DR	NEW HAMPSHIRE AV	355' N OF NEW HAMPSHIRE A	Do Nothing	352	100	\$0	0
INTERNATIONAL DR	100' NORTH OF OAK ST	RYE ST	Do Nothing	1,072	100	\$0	0
INTERNATIONAL DR	355' N OF NEW HAMPSHIRE A	100' NORTH OF OAK ST	Crackseal & Patch	1,336	76	\$6,518	384
INTERNATIONAL DR	RYE ST	100' S OF CORPORATE DR	Crackseal or Patch	2,375	91	\$2,123	707
INTERNATIONAL DR	100' S OF CORPORATE DR	CORPORATE DR	Overlay AR/CO	351	67	\$26,752	35
INTERNATIONAL DR	CORPORATE DR	PEASE BV	Overlay AR/CO	940	61	\$71,561	38
ISLINGTON ST	MAPLEWOOD AV	150' N OF BARTLETT ST	Full Depth Reclaim AR/CC	3,314	60	\$555,522	99
ISLINGTON ST	150' N OF BARTLETT ST	100' S OF JEWELL CT	Crackseal or Patch	367	87	\$437	2,461
ISLINGTON ST	100' S OF JEWELL CT	SPINNEY RD	Do Nothing	1,313	100	\$0	0
ISLINGTON ST	SPINNEY RD	300' W OF SPINNEY RD	Do Nothing	297	100	\$0	0
ISLINGTON ST	300' W OF SPINNEY RD	RUTLAND ST	Do Nothing	670	99	\$0	0
ISLINGTON ST	RUTLAND ST	VINE ST	Do Nothing	1,387	100	\$0	0
ISLINGTON ST	VINE ST	PLAINS AV #1	Do Nothing	1,784	100	\$0	0

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ISLINGTON ST	PLAINS AV #1	MIDDLE RD	Crackseal or Patch	639	87	\$571	1,476
JACKSON HL	NORTHWEST ST	DEARBORN PL	Crackseal & Patch	236	85	\$753	17
JENKINS AV	SUMMIT AV	ROCKAWAY ST	Full Depth Reclaim LO	235	48	\$8,527	8
JEWELL CT	ISLINGTON ST	BREWERY LN	Crackseal or Patch	504	91	\$484	88
JOAN AV	ANNE AV	RICCI AV	Overlay LO	325	71	\$10,974	6
JOFFRE TR	ALDRICH RD	DEAD END	Do Nothing	180	100	\$0	0
JOHNSON CT	SOUTH ST	DEAD END	Crackseal & Patch	229	80	\$516	9
JONES AV	SAGAMORE AV	INCINERATOR RD	Crackseal & Patch	2,741	83	\$11,827	18
JUNKINS AV	SOUTH ST	544' N OF LINCOLN AV	Overlay AR/CO	959	66	\$26,160	34
JUNKINS AV	544' N OF LINCOLN AV	PARROT AV	Overlay w/mill AR/CO	798	68	\$31,622	51
JUNKINS AV	PARROT AV	PLEASANT ST	Full Depth Reclaim AR/CC	343	58	\$43,101	29
KANE ST	DENNETT ST	RTE 1 BYPASS	Full Depth Const. LO	671	35	\$159,019	4
KEARSARGE WY	PREBLE WY	RANGER WY	Prev. Maintenance	1,071	76	\$14,135	100
KEARSARGE WY	RANGER WY	400' S OF RANGER WAY	Crackseal & Patch	342	83	\$1,925	176
KEARSARGE WY	400' S OF RANGER WAY	50' S OF BIRCH ST	Crackseal & Patch	1,399	84	\$7,609	174
KEARSARGE WY	50' S OF BIRCH ST	MARKET ST EB	Crackseal & Patch	399	76	\$3,218	192
KENSINGTON RD	MIDDLE RD	BOSS AV	Overlay LO	670	65	\$18,099	6
KENT ST	LINCOLN AV	ROCKLAND ST	Do Nothing	450	95	\$0	0
LADD ST	HIGH ST	180' E OF HIGH ST	Crackseal & Patch	181	85	\$543	17
LADD ST	180' E OF HIGH ST	MARKET ST	Do Nothing	81	100	\$0	0
LAFAYETTE RD	LEDGEWOOD DR	ANDREW JARVIS DR	Do Nothing	737	97	\$0	0
LAFAYETTE RD	ANDREW JARVIS DR	325' S OF SOUTH ST	Overlay w/mill AR/CO	836	61	\$42,944	192
LAFAYETTE RD	325' S OF SOUTH ST	WILLARD AV	Overlay AR/CO	845	69	\$43,219	110
LAFAYETTE RD	WILLARD AV	MIDDLE ST	Overlay w/mill AR/CO	588	69	\$38,834	170
LANG RD	LAYFAYETTE RD	RYE TOWN LINE	Prev. Maintenance	5,131	78	\$59,905	58
LANGDON ST	DEAD END	ISLINGTON ST	Do Nothing	537	100	\$0	0
LARRY LN	COAKLEY RD (N)	COAKLEY RD (S)	Overlay LO	405	69	\$13,676	6
LAUREL CT	KEARSARGE WAY	CUL DE SAC LOOP	Do Nothing	935	100	\$0	0
LAWRENCE ST	MIDDLE ST	BOSS AV	Fortified Reclaim LO	312	43	\$24,996	7
LEAVITT AV	MIDDLE RD	MCCLINTOCK AV	Prev. Maintenance	671	74	\$6,812	10
LEDGEWOOD DR	LAFAYETTE RD	140' W OF CUL-DE-SAC	Do Nothing	400	99	\$0	0
LEDGEWOOD DR	140' W OF CUL-DE-SAC	CUL-DE-SAC	Fortified Reclaim LO	141	44	\$24,681	3
LEE ST	AVIATION AV	ROCHESTER AV	Full Depth Reclaim LO	434	45	\$39,367	8
LENS AV	JONES AV	DEAD END	Prev. Maintenance	477	75	\$4,358	5
LESLIE DR	CUTTS ST	CUL DE SAC LOOP	Fortified Reclaim LO	2,029	46	\$221,661	7
LINCOLN AV	MIDDLE ST	WIBIRD ST	Do Nothing	851	93	\$0	0

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LINCOLN AV	WIBIRD ST	MILLER AV	Do Nothing	1,326	97	\$0	0
LINCOLN AV	MILLER AV	RICHARDS AV	Do Nothing	269	100	\$0	0
LINCOLN AV	RICHARDS AV	SHERBURN AV	Do Nothing	353	99	\$0	0
LINCOLN AV	SHERBURN AV	JUNKINS AV	Crackseal or Patch	799	88	\$741	365
LITTLE HARBOR RD	SAGAMORE AV	552' E OF SAGAMORE AV	Prev. Maintenance	556	72	\$4,798	11
LITTLE HARBOR RD	552' E OF SAGAMORE AV	3245' E OF SAGAMORE AV	Full Depth Reclaim LO	2,714	49	\$147,709	7
LITTLE HARBOR RD	3245' E OF SAGAMORE AV	DEAD END	Crackseal & Patch	730	85	\$2,739	9
LIVERMORE ST	PLEASANT ST	DEAD END	Full Depth Const. LO	305	34	\$69,700	2
LOIS ST	MIDDLE RD	DEAD END	Overlay LO	486	65	\$10,941	3
LONGMEADOW LN	WOODLAWN CR	150' S OF WOODLAWN CR	Prev. Maintenance	160	74	\$1,706	5
LONGMEADOW RD	LAFAYETTE RD	CUL-DE-SAC	Crackseal or Patch	537	89	\$752	45
LOOKOUT LN	PINEHURST RD	DEAD END	Crackseal or Patch	267	88	\$194	46
LOVELL ST	MADISON ST	CASS ST	Do Nothing	396	100	\$0	0
MADISON ST	MIDDLE ST	STATE ST	Do Nothing	1,004	100	\$0	0
MANCHESTER SQ	INTERNATIONAL DR	500' W OF INTERNATIONAL D	Crackseal & Patch	515	73	\$2,995	80
MANCHESTER SQ	500' W OF INTERNATIONAL D	NEW HAMPSHIRE DR	Do Nothing	512	100	\$0	0
MANGROVE ST	KEARSAGE WY	DEAD END	Do Nothing	398	95	\$0	0
MANNING PL	GATES ST	END	Full Depth Reclaim LO	64	56	\$2,516	3
MANNING ST	PLEASANT ST	GATES ST	Do Nothing	428	100	\$0	0
MANOR DR	BOYD RD	DEAD END/PARKING LOT	Crackseal or Patch	289	88	\$287	46
MAPLE ST	WOODBURY AV	MEADOW RD	Do Nothing	256	93	\$0	0
MAPLEWOOD AV	WOODBURY AV	EDMOND AV	Full Depth Reclaim LO	2,573	45	\$256,730	66
MAPLEWOOD AV	EDMOND AV	291' W OF CENTRAL AV	Overlay w/mill AR/CO	613	62	\$39,586	60
MAPLEWOOD AV	291' W OF CENTRAL AV	CUTTS ST	Crackseal & Patch	704	83	\$4,224	345
MAPLEWOOD AV	CUTTS ST	PROSPECT ST	Do Nothing	784	100	\$0	0
MAPLEWOOD AV	PROSPECT ST	DENNETT ST	Crackseal & Patch	342	83	\$2,050	345
MAPLEWOOD AV	DENNETT ST	RAYNES AV	Full Depth Reclaim LO	821	56	\$99,259	53
MAPLEWOOD AV	RAYNES AV	VAUGHAN ST	Full Depth Reclaim LO	619	39	\$74,900	224
MAPLEWOOD AV	VAUGHAN ST	ISLINGTON ST	Overlay AR/CO	1,085	63	\$64,127	111
MARCY ST	STATE ST	100' S OF STATE ST	Do Nothing	100	93	\$0	0
MARCY ST	100' S OF STATE ST	100' E OF COURT ST	Crackseal or Patch	230	92	\$213	699
MARCY ST	100' E OF COURT ST	HANCOCK ST	Crackseal or Patch	643	92	\$469	699
MARCY ST	HANCOCK ST	PLEASANT ST	Do Nothing	845	99	\$0	0
MARCY ST	PLEASANT ST	SOUTH ST	Overlay w/mill AR/CO	168	64	\$12,336	56
MARCY ST	SOUTH ST	NEWCASTLE AV	Crackseal & Patch	976	80	\$4,394	146
MARIETTE DR	OCEAN RD (W)	OCEAN RD (E)	Crackseal & Patch	2,725	84	\$14,825	17

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MARJORIE ST	MIDDLE RD	DEAD END	Full Depth Reclaim LO	669	58	\$56,638	3
MARK ST	COURT ST	DEAD END	Do Nothing	244	100	\$0	0
MARKET ST	BOW ST	DEER ST	Crackseal & Patch	731	78	\$3,565	487
MARKET ST	DEER ST	RUSSELL ST	Overlay AR/CO	501	71	\$28,472	107
MARKET ST #1	BOW ST	DANIEL ST	Crackseal & Patch	421	76	\$3,949	119
MARKET ST EB	WOODBURY AV	KEARSARGE WY	Crackseal & Patch	3,381	75	\$18,394	623
MARKET ST EB	KEARSARGE WY	RT 95 N ON RAMP	Crackseal or Patch	715	86	\$781	3,358
MARKET ST EB	RT 95 N ON RAMP	NOBLES ISLAND	Overlay AR/CO	2,910	66	\$109,160	159
MARKET ST EB	NOBLES ISLAND	RUSSELL ST	Full Depth Reclaim AR/CC	777	60	\$119,389	128
MARKET ST WB	RUSSELL ST	NOBLES ISLAND	Full Depth Reclaim AR/CC	766	59	\$117,775	116
MARKET ST WB	NOBLES ISLAND	RT 95 N ON RAMP	Overlay AR/CO	2,967	70	\$111,279	133
MARKET ST WB	RT 95 N ON RAMP	KEARSARGE WY	Crackseal or Patch	695	86	\$759	2,985
MARKET ST WB	KEARSARGE WY	WOODBURY AV	Overlay AR/CO	3,403	70	\$116,036	173
MARNE AV	JONES AV	DEAD END	Crackseal or Patch	605	86	\$401	47
MARSH LN	MAPLEWOOD AV	DEAD END	Crackseal & Patch	403	85	\$1,210	9
MARSTON AV	WLLARD AV	SOUTH ST	Do Nothing	514	100	\$0	0
MARTHA TR	PATRICIA DR	OCEAN RD	Do Nothing	1,095	100	\$0	0
MASON AV	DECATUR RD	COLONIAL AV	Full Depth Reclaim LO	637	59	\$46,225	6
MCCLINTOCK AV	SWEATT AV	WOODWORTH AV	Crackseal or Patch	202	87	\$160	92
MCCLINTOCK AV	WOODWORTH AV	LEAVITT AV	Overlay LO	203	65	\$5,495	6
MCCLINTOCK AV	LEAVITT AV	PEVERLY HILL RD	Crackseal & Patch	210	82	\$944	18
MCDONOUGH ST	BREWSTER ST	CORNWALL ST	Do Nothing	380	100	\$0	0
MCDONOUGH ST	CORNWALL ST	CABOT ST	Crackseal or Patch	379	91	\$427	44
MCDONOUGH ST	CABOT ST	DEAD END	Crackseal or Patch	641	89	\$721	45
MCGEE DR	MAPLEWOOD AV	DEAD END	Do Nothing	954	93	\$0	0
MCKINLEY RD	HARDING RD	VAN BUREN AV	Overlay LO	1,620	71	\$56,526	16
MCKINLEY RD	VAN BUREN AV	200' W OF TAFT DR	Overlay LO	1,134	70	\$42,121	16
MCKINLEY RD	200' W OF TAFT DR	LAFAYETTE RD	Prev. Maintenance	805	76	\$12,259	10
MCNABB CT	LINCOLN AV	DEAD END	Crackseal or Patch	282	88	\$196	46
MEADOW RD	MAPLE ST	FARM LN	Crackseal & Patch	876	85	\$4,108	17
MEADOW RD	FARM LN	ROCKINGHAM AV	Crackseal & Patch	1,231	81	\$5,773	18
MECHANIC ST	MARCY ST	190' N OF GATES ST	Do Nothing	310	100	\$0	0
MECHANIC ST	190' N OF GATES ST	PICKERING AV	Do Nothing	719	95	\$0	0
MEETING HOUSE HL	MARCY ST	MARCY ST	Do Nothing	369	98	\$0	0
MELBOURNE ST	VINE ST	RUTLAND ST	Full Depth Reclaim LO	1,436	57	\$108,547	6
MELCHER ST	PLEASANT ST	DEAD END	Crackseal or Patch	350	86	\$209	47

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MENDUM AV	MIDDLE ST	PARK ST	Crackseal & Patch	542	80	\$2,542	18
MEREDITH WY	BARTLETT ST	DEAD END	Do Nothing	317	99	\$0	0
MERRIMAC ST	HIGHLAND ST	MILLER AV	Do Nothing	615	100	\$0	0
MICHAEL SUCCI DR	MARKET ST	DEAD END	Full Depth Reclaim LO	1,162	46	\$84,322	4
MIDDLE RD	PEVERLY HILL RD	474' E OF LOIS ST	Crackseal & Patch	2,627	83	\$14,784	218
MIDDLE RD	474' E OF LOIS ST	607' E OF LOIS ST	Crackseal or Patch	133	92	\$110	350
MIDDLE RD	607' E OF LOIS ST	MIDDLE ST	Do Nothing	2,109	97	\$0	0
MIDDLE ST	MIDDLE RD	MILLER AV	Overlay w/mill AR/CO	2,999	67	\$193,666	135
MIDDLE ST	MILLER AV	RICHARDS AV	Crackseal & Patch	604	78	\$5,212	412
MIDDLE ST	RICHARDS AV	STATE ST	Crackseal & Patch	676	77	\$4,058	417
MIDDLE ST	STATE ST	ISLINGTON ST	Crackseal or Patch	402	87	\$466	2,030
MILL POND WY	DENNETT ST	DEAD END	Do Nothing	696	100	\$0	0
MILLER AV	SOUTH ST	LINCOLN AV	Crackseal or Patch	984	91	\$880	1,025
MILLER AV	LINCOLN AV	MIDDLE ST	Do Nothing	1,359	99	\$0	0
MIRONA RD	LAFAYETTE RD	250' W OF LAFAYETTE RD	Full Depth Reclaim AR/CC	248	60	\$51,970	14
MIRONA RD	250' W OF LAFAYETTE RD	500' E OF PEVERLY HILL R	Fortified Reclaim AR/CO	1,417	55	\$242,180	15
MIRONA RD	500' E OF PEVERLY HILL R	PEVERLY HILL RD	Overlay AR/CO	498	63	\$17,547	18
MIRONA RD EX	MIRONA RD	80' N OF DEAD END	Full Depth Reclaim LO	420	52	\$50,796	7
MIRONA RD EX	80' N OF DEAD END	DEAD END	Full Depth Const. LO	83	37	\$28,100	2
MOEBUS TR	PLEASANT POINT DR	DEAD END	Crackseal & Patch	397	81	\$1,638	9
MOFFAT ST	SWEATT AV	PEVERLY HILL RD	Crackseal & Patch	446	85	\$2,761	17
MONROE ST	SOUTH ST	WARD PL	Prev. Maintenance	274	73	\$4,033	42
MONROE ST	WARD PL	MIDDLE RD	Overlay LO	342	65	\$16,938	6
MONROE ST EX	SOUTH ST	DEAD END	Overlay LO	244	66	\$6,317	3
MONTIETH ST	THORNTON ST	DEAD END	Do Nothing	407	100	\$0	0
MORNING ST	WOODBURY AV	BARTLETT ST	Fortified Reclaim LO	616	38	\$44,864	8
MT VERNON ST	SOUTH ST	POLICE DEPT LOT	Overlay LO	396	63	\$9,806	6
MYRTLE AV	RTE 1 BYPASS SB	DEAD END	Crackseal or Patch	830	86	\$550	47
NATHANIEL DR	MARIETTE DR	CUL-DE-SAC	Overlay LO	1,690	69	\$66,109	6
NEW HAMPSHIRE AV	PEASE BLVD	INTERNATIONAL DR	Overlay AR/CO	5,934	69	\$263,040	51
NEWCASTLE AV	SOUTH ST	MARCY ST	Overlay LO	842	67	\$22,748	16
NEWCASTLE AV	MARCY ST	PLEASANT POINT DR	Crackseal & Patch	1,060	76	\$4,772	127
NEWFIELDS ST	NEW HAMPSHIRE AV	ROCHESTER AV	Fortified Reclaim LO	468	47	\$56,240	6
NIXON PK	MCKINLEY RD	NIXON PK (LOOP)	Fortified Reclaim LO	907	52	\$89,178	6
NORTH SCHOOL ST	PROSPECT ST	DENNETT ST	Crackseal or Patch	234	86	\$85	93
NORTHWEST ST	MAPLEWOOD AV	DEAD END	Overlay LO	1,269	61	\$28,567	3

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OAK AVE	CORPORATE DR	INTERNATIONAL DR	Do Nothing	1,647	100	\$0	0
OAK ST	MANGROVE ST	DEAD END	Crackseal & Patch	331	80	\$1,180	9
OAKWOOD DR	ELWYN RD	CUL-DE-SAC	Crackseal & Patch	797	74	\$4,784	10
ODIORNE POINT RD	GOSPORT RD	GOSPORT RD (E)	Crackseal or Patch	1,586	87	\$1,733	46
ODIORNE POINT RD	GOSPORT RD (E)	CUL DE SAC LOOP	Crackseal & Patch	1,994	78	\$12,344	19
O'LEARY PL	FAIRVIEW AV	CUL-DE-SAC	Overlay LO	211	71	\$13,088	3
ONYX LN	TOPAZ PL	DIAMOND DR	Full Depth Reclaim LO	309	59	\$23,357	6
OPAL AV	DIAMOND DR	TOPAZ PL	Crackseal & Patch	264	77	\$1,238	19
ORANGE ST	KEARSARGE WY	OAK ST	Crackseal & Patch	225	82	\$760	18
ORCHARD CT	WILLARD AV	DEAD END	Overlay LO	187	67	\$4,210	3
ORCHARD ST	WILLARD AV	294' N OF WILLARD AV	Overlay LO	294	61	\$6,609	6
ORCHARD ST	294' N OF WILLARD AV	WIBIRD ST	Full Depth Reclaim LO	906	59	\$79,466	6
OSPREY DR	SHEARWATER DR/PORTSMOUTH	DUNLIN WY	Fortified Reclaim LO	1,996	38	\$145,371	8
OXFORD AV	GREENLAND RD #1	DEAD END	Crackseal & Patch	799	81	\$3,298	18
PAMELA ST	MARIETTE DR	MARIETTE DR	Crackseal or Patch	467	91	\$448	88
PARK ST	ORCHARD ST	LINCOLN ST	Do Nothing	680	100	\$0	0
PARK ST	LINCOLN ST	MIDDLE ST	Do Nothing	607	100	\$0	0
PARKER ST	ISLINGTON ST	TANNER CT	Do Nothing	228	93	\$0	0
PARKER ST	TANNER CT	HANOVER ST	Fortified Reclaim LO	95	41	\$6,941	7
PARROT AV	RICHARDS AV	ROGERS ST	Do Nothing	984	99	\$0	0
PARROT AV	ROGERS ST	JUNKINS AV	Crackseal & Patch	737	83	\$5,118	70
PARROT AV	JUNKINS AV	EDWARDS ST	Full Depth Reclaim LO	106	50	\$11,889	29
PARTRIDGE ST	MARCY ST	DEAD END	Crackseal or Patch	252	88	\$117	46
PATRICIA DR	OCEAN RD	DEAD END	Do Nothing	410	100	\$0	0
PEARL ST	HANOVER ST	ISLINGTON ST	Crackseal & Patch	301	84	\$1,694	17
PEARSON ST	PLAINS AV #1	DEAD END	Fortified Reclaim LO	740	48	\$48,506	3
PEASE BV	NEW HAMPSHIRE AVE	860' E OF NEW HAMPSHIRE AVI	Crackseal & Patch	857	84	\$10,932	522
PEASE BV	860' E OF NEW HAMPSHIRE AV	SPAULDING TNPK	Crackseal & Patch	2,169	76	\$16,276	614
PEASE BV (WB)	SPAULDING TP	PEASE BLVD #1	Crackseal & Patch	2,129	79	\$16,774	591
PENHALLOW ST	STATE ST	DANIEL ST	Crackseal or Patch	354	91	\$339	88
PENHALLOW ST	DANIEL ST	BOW ST	Do Nothing	423	100	\$0	0
PEVERLY HILL RD	LAFAYETTE RD	WEST ROAD	Crackseal or Patch	546	91	\$325	1,943
PEVERLY HILL RD	WEST ROAD	327' N OF WEST ROAD	Crackseal & Patch	325	80	\$1,829	401
PEVERLY HILL RD	327' N OF WEST ROAD	ENTRANCE TO DPW	Full Depth Reclaim AR/CC	470	58	\$48,151	44
PEVERLY HILL RD	ENTRANCE TO DPW	150' N OF BANFIELD RD	Full Depth Reclaim AR/CC	873	53	\$182,941	40
PEVERLY HILL RD	150' N OF BANFIELD RD	250' N OF YMCA ENTRANCE	Crackseal or Patch	518	87	\$772	923

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PEVERLY HILL RD	250' N OF YMCA ENTRANCE	MCCLINTOCK ST	Prev. Maintenance	2,127	77	\$28,072	218
PEVERLY HILL RD	MCCLINTOCK ST	265' S OF MIDDLE ROAD	Crackseal or Patch	489	86	\$486	2,052
PEVERLY HILL RD	265' S OF MIDDLE ROAD	MIDDLE ROAD	Overlay AR/CO	266	64	\$12,687	100
PEVERLY HILL RD (SB)	530' N OF LAFAYETTE RD	LAFAYETTE RD	Crackseal & Patch	573	83	\$3,762	176
PICKERING AV	PICKERING ST	SOUTH MILL ST	Do Nothing	226	99	\$0	0
PICKERING ST	MARCY ST	PICKERING AV	Do Nothing	368	99	\$0	0
PIERCE ISLAND RD	MECHANIC ST	150' E OF MECHANIC ST	Do Nothing	150	99	\$0	0
PIERCE ISLAND RD	150' E OF MECHANIC ST	END OF BRIDGE DECK	Full Depth Reclaim LO	305	53	\$21,211	26
PIERCE ISLAND RD	END OF BRIDGE DECK	1500' S OF MECHANIC ST	Full Depth Reclaim LO	1,117	56	\$81,056	25
PIERCE ISLAND RD	1500' S OF MECHANIC ST	DEAD END	Full Depth Reclaim LO	1,192	56	\$86,499	25
PIERCE PL	CLEVELAND DR	TAFT RD	Crackseal or Patch	353	86	\$397	93
PINE ST	BARTLETT ST	STARK ST	Do Nothing	747	95	\$0	0
PINEHURST RD	SOUTH ST	DEAD END	Do Nothing	1,004	95	\$0	0
PLAINS AV #1	ISLINGTON ST	DEAD END	Full Depth Reclaim LO	358	56	\$28,144	7
PLEASANT POINT DR	NEW CASTLE AV	DEAD END	Crackseal & Patch	1,188	77	\$6,240	9
PLEASANT ST	MARCY ST	WENTWORTH ST	Full Depth Reclaim AR/CC	625	55	\$52,389	39
PLEASANT ST	WENTWORTH ST	JUNKINS AV	Full Depth Reclaim AR/CC	808	58	\$112,880	11
PLEASANT ST	JUNKINS AV	COURT ST	Full Depth Reclaim AR/CC	390	58	\$65,297	51
PLEASANT ST	COURT ST	STATE ST	Crackseal or Patch	205	87	\$237	1,218
PLEASANT ST	STATE ST	CONGRESS ST	Prev. Maintenance	427	73	\$10,837	137
POLK AV	TAFT RD	HARRISON AV	Crackseal & Patch	244	79	\$1,831	18
PORPOISE WY	SARATOGA WY	CRESCENT WY	Do Nothing	595	100	\$0	0
PORTER ST	MIDDLE ST	340' E OF MIDDLE ST	Crackseal or Patch	371	86	\$197	93
PORTER ST	340' E OF MIDDLE ST	PLEASANT ST	Overlay LO	581	65	\$8,501	6
PORTSMOUTH BLVD	MARKET ST	NORTH END OF TRAFFIC ISLAND	Do Nothing	823	99	\$0	0
PORTSMOUTH BLVD	COMMERCE WAY	100' N OF OSPREY DR	Do Nothing	182	99	\$0	0
PORTSMOUTH BLVD	NORTH END OF TRAFFIC ISLAND	995' N OF OSPREY DR	Crackseal & Patch	1,020	82	\$3,827	71
PORTSMOUTH BLVD (CLOSED)	995' N OF OSPREY DR	DUNLIN WAY	Fortified Reclaim LO	983	41	\$71,593	30
PORTSMOUTH BLVD (SOUTH)	NORTH SIDE OF MEDIAN	SHEARWATER DR	Do Nothing	509	99	\$0	0
PORTSMOUTH BLVD (SOUTH)	SHEARWATER DR	MARKET ST	Do Nothing	312	99	\$0	0
POST RD	HERITAGE AV #2	CUL-DE-SAC	Crackseal & Patch	600	84	\$4,698	9
PRAY ST	MARCY ST	DEAD END	Overlay LO	268	67	\$3,620	3
PREBLE WY	KEARSARGE ST	DEAD END	Do Nothing	734	95	\$0	0
PRINCETON ST	HARVARD ST	DEAD END	Fortified Reclaim LO	203	53	\$19,220	3
PROSPECT ST	WALKER ST	MAPLEWOOD AV	Crackseal & Patch	358	85	\$1,679	17
RALEIGH WY	RANGER WY	SARATOGA WAY	Crackseal & Patch	806	85	\$2,874	17

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RALEIGH WY	SARATOGA WAY	CRESCENT WY	Do Nothing	516	98	\$0	0
RANDS CT	SOUTH ST	DEAD END	Do Nothing	247	97	\$0	0
RANGER WY	KEARSARGE WY	FALKLAND WY	Do Nothing	298	98	\$0	0
RANGER WY	FALKLAND WY	PREBLE WY	Do Nothing	747	93	\$0	0
RAYNES AV	MAPLEWOOD AV	VAUGHAN ST	Fortified Reclaim LO	250	47	\$31,864	6
REGINA RD	ELWYN RD	REGINA RD (LOOP)	Full Depth Reclaim LO	1,892	54	\$165,899	7
RICCI AV	JOAN AV	ROBERTS AV	Prev. Maintenance	390	73	\$7,127	10
RICHARDS AV	MIDDLE ST	ROCKLAND ST	Do Nothing	1,174	99	\$0	0
RICHARDS AV	ROCKLAND ST	LINCOLN AV	Do Nothing	459	100	\$0	0
RICHARDS AV	LINCOLN AV	SOUTH ST	Do Nothing	929	99	\$0	0
RICHMOND ST	PLEASANT ST	WASHINGTON ST	Full Depth Const. LO	338	30	\$34,329	5
RIDGES CT	NEW CASTLE AV	DEAD END	Do Nothing	545	95	\$0	0
ROBERT AV	LAFAYETTE RD	ANNE AV	Overlay LO	875	61	\$34,471	6
ROBIN LN	PLEASANT POINT DR	DEAD END	Do Nothing	170	99	\$0	0
ROCHESTER AV	STRATHAM ST	SOMERSWORTH AV	Full Depth Const. LO	1,926	33	\$652,055	4
ROCHESTER AV	SOMERSWORTH AV	NEW HAMPSHIRE AV	Fortified Reclaim LO	592	41	\$64,674	7
ROCK ST	ISLINGTON ST	SUDBURY ST	Overlay w/mill LO	400	67	\$10,483	9
ROCKAWAY ST	JENKINS AV	DEAD END	Overlay LO	148	69	\$3,665	3
ROCKINGHAM AV	SAPHIRE ST	WOODBURY AV	Overlay LO	622	71	\$17,503	6
ROCKINGHAM AV	WOODBURY AV	MEADOW RD	Crackseal & Patch	318	81	\$1,491	58
ROCKINGHAM AV	MEADOW RD	SPAULDING TP	Overlay LO	526	69	\$14,802	18
ROCKINGHAM ST	ISLINGTON ST	MCDONOUGH ST	Do Nothing	355	100	\$0	0
ROCKLAND ST	BROAD ST	MILLER AVE	Do Nothing	395	95	\$0	0
ROCKLAND ST	MILLER AVE	RICHARD AV	Do Nothing	289	100	\$0	0
ROCKLAND ST	RICHARDS AV	SHERBURNE AV #1	Do Nothing	399	100	\$0	0
ROCKLAND ST	SHERBURNE AV #1	ELWYN AV	Do Nothing	182	95	\$0	0
ROCKLAND ST	ELWYN AVE	DEAD END	Do Nothing	331	99	\$0	0
ROGERS ST	COURT ST	PARROT AV	Full Depth Reclaim LO	523	59	\$31,627	9
RUBY RD	EDMOND AV	DIAMOND DR	Crackseal & Patch	448	77	\$2,101	19
RUSSELL ST	DEER ST	100' S OF GREEN ST	Fortified Reclaim AR/CO	358	51	\$84,201	24
RUSSELL ST	100' S OF GREEN ST	MARKET ST	Overlay AR/CO	380	71	\$19,027	25
RUTH ST	THORNTON ST	DEAD END	Overlay LO	253	68	\$6,265	3
RUTLAND ST	MELBOURNE ST	ISLINGTON ST	Prev. Maintenance	247	74	\$3,761	10
RYE ST	INTERNATIONAL DR	CORPORATE DR #2	Overlay LO	1,622	65	\$45,642	6
SAGAMORE AV	SOUTH ST	150' S OF LITTLE HARBOR RD	Do Nothing	2,400	99	\$0	0
SAGAMORE AV	150' S OF LITTLE HARBOR RD	SHAW RD	Do Nothing	2,082	99	\$0	0

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SAGAMORE AV	SHAW RD	NORTH SIDE OF BRIDGE	Do Nothing	208	100	\$0	0
SAGAMORE AV	NORTH SIDE OF BRIDGE	SOUTH SIDE OF BRIDGE	Do Nothing	398	100	\$0	0
SAGAMORE AV	SOUTH SIDE OF BRIDGE	WENTWORTH HOUSE RD	Full Depth Reclaim AR/CC	610	54	\$90,826	77
SAGAMORE AV	WENTWORTH HOUSE RD	ORIORNE POINT RD	Do Nothing	1,148	100	\$0	0
SAGAMORE AV	ORIORNE POINT RD	RYE TOWN LINE	Overlay AR/CO	507	70	\$18,437	81
SAGAMORE GROVE RD	SAGAMORE AV	DEAD END	Crackseal or Patch	557	86	\$276	19
SALEM ST	ISLINGTON ST	MCDONOUGH ST	Do Nothing	344	100	\$0	0
SALTER ST	MARCY ST	DEAD END	Crackseal or Patch	331	88	\$186	46
SANDERLING WAY	BLUE HERON DR	OSPREY DR	Fortified Reclaim LO	845	50	\$92,313	6
SANDERSON DR	SPINNEY RD	DEAD END	Do Nothing	504	100	\$0	0
SAPPHIRE ST	DIAMOND DR	EDMOND AV	Full Depth Reclaim LO	491	54	\$37,115	7
SAPPHIRE ST	EDMOND AV	ROCKINGHAM AV	Full Depth Reclaim LO	238	54	\$17,990	7
SARATOGA WY	BEDFORD WY	CRESCENT WY	Prev. Maintenance	792	74	\$8,041	10
SCHURMAN AV	COLONIAL DR	DEAD END	Overlay LO	164	69	\$4,615	3
SCOTT AV	DANIEL ST	DUTTON AV	Do Nothing	171	93	\$0	0
SEWALL RD	ALDRICH RD	THAXTER RD	Full Depth Reclaim LO	237	56	\$13,615	7
SEWALL RD	THAXTER RD	SPINNEY RD	Crackseal & Patch	1,204	75	\$5,421	19
SHAW RD	SAGAMORE AV	WALKER BUNGALOW RD	Crackseal or Patch	633	87	\$335	92
SHEAFE ST	CHAPEL ST	PENHALLOW ST	Do Nothing	391	100	\$0	0
SHEARWATER DR	CUL DE SAC	62' W OF BLUE HERON DR	Overlay w/mill LO	357	63	\$14,652	10
SHEARWATER DR	62' W OF BLUE HERON DR	203' E OF PORTSMOUTH BLVD	Fortified Reclaim LO	350	43	\$29,315	7
SHEARWATER DR	203' E OF PORTSMOUTH BLVD	PORTSMOUTH BLVD	Fortified Reclaim LO	326	40	\$36,802	30
SHEFFIELD RD	MELBOURNE ST	MIDDLE RD	Prev. Maintenance	1,363	74	\$22,140	10
SHERBURNE AV #1	ROCKLAND ST	DEAD END	Crackseal & Patch	1,066	80	\$4,399	18
SHERBURNE AV #2	SHERBURNE AV	ELWYN AV	Crackseal or Patch	154	88	\$102	91
SHERBURNE RD	GREENLAND RD	385'N OF GREENLAND RD	Crackseal & Patch	377	79	\$2,832	73
SHERBURNE RD	385' N OF GREENLAND RD	800'N OF GREENLAND RD	Crackseal & Patch	423	85	\$3,013	68
SHERBURNE RD	800'N OF GREENLAND RD	948'N OF GREENLAND RD	Crackseal & Patch	148	84	\$972	17
SHERBURNE RD	948'N OF GREENLAND RD	WITMER AV	Overlay LO	2,046	70	\$66,785	6
SHERIDAN AV	SOUTH ST	DEAD END	Full Depth Reclaim LO	279	46	\$11,810	4
SIMONDS RD	SUZANNE DR	SUZANNE DR	Crackseal & Patch	855	85	\$4,812	17
SIMS AV	MELBOURNE ST	DEAD END	Prev. Maintenance	660	75	\$6,700	5
SOMERWORTH ST	AVIATION AV	ROCHESTER AV	Fortified Reclaim LO	437	34	\$33,419	9
SOUTH MILL ST	PICKERING AV	MARCY ST	Do Nothing	272	100	\$0	0
SOUTH SCHOOL ST	SOUTH ST	MARCY ST	Crackseal & Patch	469	81	\$1,936	18
SOUTH ST	MARCY ST	JUNKINS AV	Full Depth Reclaim AR/CC	1,857	60	\$224,838	16

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SOUTH ST	JUNKINS AV	100' E OF CLOUGH DR	Crackseal & Patch	479	84	\$2,335	250
SOUTH ST	100' E OF CLOUGH DR	RICHARDS ST	Crackseal or Patch	583	86	\$502	1,343
SOUTH ST	RICHARDS ST	MILLER AV	Do Nothing	348	100	\$0	0
SOUTH ST	MILLER AV	UNION ST	Crackseal or Patch	1,095	86	\$943	1,343
SOUTH ST	UNION ST	WIBIRD ST	Do Nothing	373	98	\$0	0
SOUTH ST	WIBIRD ST	LAFAYETTE RD	Crackseal or Patch	1,758	87	\$1,513	1,328
SOUTH ST	LAFAYETTE RD	50' E OF MONROE ST EXT	Do Nothing	263	100	\$0	0
SOUTH ST	50' E OF MONROE ST EXT	MIDDLE RD	Overlay AR/CO	490	64	\$16,698	65
SPARHAWK ST	DENNETT ST	THORTON ST	Fortified Reclaim LO	268	46	\$33,182	7
SPARHAWK ST	THORTON ST	CLINTON ST	Full Depth Reclaim LO	567	46	\$42,859	8
SPINNEY RD	MIDDLE RD	100' S OF SEWALL RD	Crackseal & Patch	1,240	73	\$5,583	64
SPINNEY RD	100' S OF SEWALL RD	ISLINGTON ST	Full Depth Reclaim AR/CC	632	51	\$70,584	13
SPRING ST	WILLOW ST	MILLER AV	Do Nothing	796	98	\$0	0
STARK ST	CLINTON ST	DENNETT ST	Fortified Reclaim LO	951	43	\$86,578	1
STARK ST	DENNETT ST	166' W OF DENETT ST	Crackseal & Patch	166	73	\$934	20
STARK ST	166' W OF DENETT ST	FRANKLIN DR	Fortified Reclaim LO	333	41	\$24,253	1
STATE ST	CASS ST	MIDDLE ST	Overlay w/mill LO	2,634	67	\$127,165	32
STATE ST	MIDDLE ST	FLEET ST	Overlay AR/CO	650	70	\$31,029	83
STATE ST	FLEET ST	PLEASANT ST	Overlay AR/CO	420	68	\$20,050	86
STATE ST	PLEASANT ST	WRIGHT AV	Crackseal & Patch	930	77	\$7,676	341
STATE ST	WRIGHT AV	MARCY ST	Do Nothing	225	97	\$0	0
STATE ST	MARCY ST	DANIEL ST	Do Nothing	215	100	\$0	0
STRATHAM ST	NEW HAMPSHIRE AV	ROCHESTER AV	Full Depth Reclaim LO	427	50	\$47,770	7
SUDBURY ST	BREWSTER ST	ROCK ST	Do Nothing	261	100	\$0	0
SUMMER ST	ISLINGTON ST	MIDDLE ST	Do Nothing	1,147	100	\$0	0
SUMMIT AV	SOUTH ST	DEAD END	Full Depth Reclaim LO	551	48	\$56,644	4
SUNSET RD	BOSS AV	THAXTER RD	Full Depth Reclaim LO	683	52	\$61,953	7
SUTTON AV	SHERBURNE RD	DEAD END	Crackseal & Patch	631	82	\$2,723	9
SUZANNE DR	OCEAN RD	SUZANNE DR (LOOP)	Crackseal & Patch	3,884	82	\$21,130	18
SUZANNE DR #2	LAFAYETTE RD	SUZANNE DR	Crackseal & Patch	343	85	\$2,188	17
SWEATT AV	MIDDLE RD	DEAD END	Overlay LO	890	67	\$20,035	3
SYLVESTER ST	MIDDLE RD	DEAD END	Crackseal & Patch	345	78	\$1,165	9
T J GAMESTER DR	F W HARTFORD DR	F W HARTFORD DR	Overlay LO	967	66	\$38,095	6
TAFT RD	HOOVER DR	796' N OF HOOVER DR	Crackseal & Patch	808	77	\$5,154	19
TAFT RD	796' N OF HOOVER DR	GARFIELD RD	Prev. Maintenance	322	72	\$4,740	11
TAFT RD	GARFIELD RD	MCKINLEY RD	Do Nothing	419	95	\$0	0

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TAFT RD	MCKINLEY RD	POLK AV	Full Depth Reclaim LO	871	55	\$86,927	7
TAFT RD	POLK AV	CLEVELAND DR	Prev. Maintenance	1,041	73	\$14,262	10
TAFT RD	CLEVELAND DR	ELWYN RD	Prev. Maintenance	627	72	\$8,593	42
TANNER CT	TANNER ST	PARKER ST	Crackseal or Patch	220	87	\$138	92
TANNER ST	ISLINGTON ST	HANOVER ST	Do Nothing	366	95	\$0	0
TANNER ST	HANOVER ST	HILL ST	Crackseal or Patch	124	88	\$62	91
TAYLOR LN	HARDING RD	ARTHUR RD	Crackseal & Patch	361	79	\$2,032	18
TAYLOR LN	ARTHUR RD	CLEVELAND DR	Prev. Maintenance	696	74	\$10,599	10
THAXTER RD	ISLINGTON ST	SUNSET RD	Overlay LO	900	68	\$25,325	6
THAXTER RD	SUNSET RD	BOSS AV	Overlay LO	982	66	\$36,475	6
THORNTON ST	RUTH ST	BARTLETT ST	Crackseal & Patch	1,824	81	\$8,897	18
THORNTON ST	BARTLETT ST	WOODBURY AV	Do Nothing	346	99	\$0	0
THORNTON ST EX	THORNTON ST	DENNETT ST	Do Nothing	283	99	\$0	0
TOPAZ PL	OPAL AV	ONYX LN	Crackseal & Patch	297	78	\$1,393	19
TRUMAN PL	MCKINLEY RD	HARDING RD	Prev. Maintenance	378	73	\$5,564	10
TYLER PL	HARDING RD	DWIGHT AV	Crackseal or Patch	147	92	\$165	87
UNION ST	ISLINGTON ST	MIDDLE ST	Fortified Reclaim LO	1,367	47	\$149,340	6
UNION ST	MIDDLE ST	SOUTH RD	Do Nothing	2,015	100	\$0	0
VAN BUREN AV	ADAMS AV	FILMORE RD	Full Depth Reclaim LO	245	55	\$24,446	7
VAN BUREN AV	FILMORE RD	HARRISON AV	Prev. Maintenance	1,028	74	\$16,698	10
VAUGHAN ST	RAYNES AV	GREEN ST	Fortified Reclaim LO	431	41	\$58,058	7
VAUGHAN ST	GREEN ST	MAPLEWOOD AV	Do Nothing	365	100	\$0	0
VERDUN ST	SAGAMORE RD	MARNE AV	Overlay LO	424	69	\$9,068	2
VERSAILLES AV	JONES AV	DEAD END	Fortified Reclaim LO	314	45	\$21,726	3
VICTORY RD	COLONIAL DR	DEAD END	Crackseal or Patch	146	86	\$97	47
VINE ST	ISLINGTON ST	MELBOURNE ST	Overlay LO	238	71	\$5,090	6
WALDEN ST	MARCY ST	DEAD END	Do Nothing	155	93	\$0	0
WALKER BUNGALOW RD	LITTLE HARBOR RD	SHAW RD	Do Nothing	2,028	100	\$0	0
WALKER BUNGALOW RD	SHAW RD	CUL-DE-SAC LOOP	Do Nothing	749	100	\$0	0
WALKER ST	DENNETT ST	PROSPECT ST	Do Nothing	145	93	\$0	0
WALLIS RD	SUZANNE DR	SUZANNE DR	Crackseal & Patch	820	81	\$4,307	18
WALTON AV	GATES ST	GARDNER ST	Crackseal or Patch	177	90	\$53	89
WARD PL	MONROE ST	MIDDLE RD	Full Depth Reclaim LO	230	56	\$15,995	7
WASHINGTON ST	STATE ST	HANCOCK ST	Crackseal & Patch	819	81	\$2,919	10
WASHINGTON ST	HANCOCK ST	PLEASANT ST	Do Nothing	357	95	\$0	0
WBBX RD	ISLINGTON ST	RR TRACKS	Do Nothing	151	98	\$0	0

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WENTWORTH ST	PLEASANT ST	DEAD END	Overlay LO	434	61	\$8,793	3
WEST RD	PEVERLY HILL RD	940' S OF PEVERLY HILL R	Do Nothing	940	100	\$0	0
WEST RD	940' S OF PEVERLY HILL R	CAMPUS DR	Do Nothing	2,486	100	\$0	0
WEST RD	CAMPUS DR	LAFAYETTE RD	Do Nothing	1,234	100	\$0	0
WHIDDEN ST	PLEASANT ST	DEAD END	Fortified Reclaim LO	250	46	\$18,208	3
WHIPPLE CT	DECATUR RD	CUL-DE-SAC LOOP	Overlay LO	305	71	\$7,553	3
WHIPPLE ST	DENNETT ST	THORNTON ST	Crackseal or Patch	306	88	\$304	91
WHITE CEDARS BV	LAFAYETTE RD	345' E OF LAFAYETTE BLVD	Do Nothing	345	100	\$0	0
WHITE CEDARS BV	345' E OF LAFAYETTE BLVD	CUL-DE-SAC LOOP	Crackseal or Patch	605	91	\$992	88
WHOLEY WY	ECHO AV	CUL-DE-SAC	Crackseal & Patch	497	85	\$3,857	17
WIBIRD ST	MIDDLE ST	SOUTH RD	Do Nothing	2,020	100	\$0	0
WILLARD AV	LAFAYETTE RD	100' W OF MARSTON	Overlay LO	1,090	71	\$42,952	6
WILLARD AV	100' W OF MARSTON	WIBIRD ST	Do Nothing	386	100	\$0	0
WILLOW LN	LINCOLN AV	SPRING ST	Do Nothing	246	100	\$0	0
WILSON RD	TAFT RD	930' W OF TAFT RD	Prev. Maintenance	948	74	\$12,993	10
WILSON RD	930' W OF TAFT RD	LAFAYETTE RD	Prev. Maintenance	496	75	\$7,553	10
WINCHESTER ST	WINCHESTER ST #2	349' W OF DEAD END	Crackseal & Patch	524	85	\$2,949	17
WINCHESTER ST #2	OCEAN RD	880' S OF OCEAN RD	Do Nothing	866	97	\$0	0
WINCHESTER ST #2	880' S OF OCEAN RD	NATHANIEL DR	Do Nothing	183	95	\$0	0
WINCHESTER ST #3	WINCHESTER #2	MARIETTE DR	Do Nothing	283	97	\$0	0
WINTER ST	STATE ST	AUSTIN ST	Prev. Maintenance	396	73	\$4,020	10
WITMER AV	SHERBURNE RD	GREENSIDE AV	Crackseal or Patch	337	89	\$245	90
WOODBURY AV	GOSLING ROAD	978' N OF MARKET ST	Overlay AR/CO	2,453	63	\$209,107	231
WOODBURY AV	978' N OF MARKET ST	MARKET ST	Crackseal & Patch	983	73	\$5,901	520
WOODBURY AV	MARKET ST	25' N. OF ECHO AV	Crackseal or Patch	658	92	\$1,089	2,273
WOODBURY AV	25' N. OF ECHO AV	35' N. OF ROCKINGHAM AV	Crackseal & Patch	3,469	83	\$16,920	309
WOODBURY AV	35' N. OF ROCKINGHAM AV	RTE 1 BYPASS	Crackseal & Patch	940	84	\$7,054	452
WOODBURY AV	RTE 1 BYPASS	MORNING ST	Crackseal & Patch	1,393	78	\$8,360	228
WOODBURY AV	MORNING ST	BARTLETT ST	Crackseal & Patch	293	84	\$1,321	212
WOODBURY AV (#2)	210'S OF MARKET ST	MARKET ST	Do Nothing	200	97	\$0	0
WOODBURY AV (#2)	MARKET ST	900' N OF MARKET ST	Full Depth Reclaim AR/CC	862	60	\$120,424	92
WOODBURY AV (OLD)	WOODBURY AV	DEAD END	Fortified Reclaim LO	373	46	\$29,843	1
WOODLAWN CR	WOODBURY AV	575' FROM ECHO AV	Overlay LO	1,020	70	\$28,691	6
WOODLAWN CR	575' FROM ECHO AV	ECHO AV	Do Nothing	563	100	\$0	0
WOODWORTH AV	MIDDLE RD	DEAD END	Crackseal & Patch	908	80	\$3,066	9
WORTHEN RD	COLONIAL DR	DEAD END	Full Depth Reclaim LO	97	58	\$7,332	3

Pavement Backlog Report- Alphabetical

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
				549,684		\$ 17,710,276	

Appendix B: Backlog List by PCI

All backlogs are based from PCIs projected to November 2017.

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2017							
RICHMOND ST	PLEASANT ST	WASHINGTON ST	Full Depth Const. LO	338	30	\$34,329	5
ROCHESTER AV	STRATHAM ST	SOMERSWORTH AV	Full Depth Const. LO	1,926	33	\$652,055	4
SOMERWORTH ST	AVIATION AV	ROCHESTER AV	Fortified Reclaim LO	437	34	\$33,419	9
LIVERMORE ST	PLEASANT ST	DEAD END	Full Depth Const. LO	305	34	\$69,700	2
GOOSE BAY DR	1897' E OF CORPORATE DR W	CORPORATE DR (E)	Full Depth Const. LO	703	35	\$130,902	16
EDWARD ST	PLEASANT ST	200' N OF JUNKINS ST	Full Depth Const. LO	260	35	\$44,012	4
KANE ST	DENNETT ST	RTE 1 BYPASS	Full Depth Const. LO	671	35	\$159,019	4
DURHAM ST	AVIATION AV	DEAD END	Fortified Reclaim LO	768	36	\$55,934	4
AVIATION AV	HAMPTON RD	ROCHESTER AV	Fortified Reclaim LO	2,409	36	\$254,371	4
MIRONA RD EX	80' N OF DEAD END	DEAD END	Full Depth Const. LO	83	37	\$28,100	2
DURHAM ST	NEW HAMPSHIRE AV	AVIATION AV	Fortified Reclaim LO	970	38	\$91,840	8
MORNING ST	WOODBURY AV	BARTLETT ST	Fortified Reclaim LO	616	38	\$44,864	8
OSPREY DR	SHEARWATER DR/PORTSMOUTH	DUNLIN WY	Fortified Reclaim LO	1,996	38	\$145,371	8
FRENCHMAN'S LN	ISLINGTON ST	DEAD END	Fortified Reclaim LO	221	38	\$16,096	4
ARBORETUM DRIVE	SHORT ST	WILDLIFE REFUGE ROAD CLO:	Full Depth Const. LO	2,002	38	\$389,629	4
DEARBORN ST	MAPLEWOOD AV	DEAD END	Full Depth Const. LO	265	38	\$33,644	2
DEER ST	RUSSELL ST	MARKET ST	Full Depth Reclaim LO	483	39	\$73,061	243
MAPLEWOOD AV	RAYNES AV	VAUGHAN ST	Full Depth Reclaim LO	619	39	\$74,900	224
ARBORETUM DRIVE	3653' E OF SHORT ST	2682' E OF SHORT ST	Fortified Reclaim LO	971	39	\$81,360	8
SHEARWATER DR	203' E OF PORTSMOUTH BLVD	PORTSMOUTH BLVD	Fortified Reclaim LO	326	40	\$36,802	30
COFFIN CT	CABOT ST	UNION ST	Fortified Reclaim LO	335	40	\$13,419	8
HARVARD ST	GREENLAND RD	DEAD END/GATE	Fortified Reclaim LO	618	40	\$44,973	4
GRAY'S LN	SAGAMORE AV	BROAD ST	Full Depth Const. LO	267	40	\$20,339	4
PORTSMOUTH BLVD (CLOS	995' N OF OSPREY DR	DUNLIN WAY	Fortified Reclaim LO	983	41	\$71,593	30
FLEET ST	COURT ST	HANOVER ST	Fortified Reclaim AR/CO	1,046	41	\$139,666	15
ROCHESTER AV	SOMERSWORTH AV	NEW HAMPSHIRE AV	Fortified Reclaim LO	592	41	\$64,674	7
ASHLAND ST	CUTTS AV	CENTRAL AV	Fortified Reclaim LO	350	41	\$19,118	7
ARBORETUM DRIVE	2682' E OF SHORT ST	1093' E OF SHORT ST	Fortified Reclaim LO	1,590	41	\$133,147	7
PARKER ST	TANNER CT	HANOVER ST	Fortified Reclaim LO	95	41	\$6,941	7
VAUGHAN ST	RAYNES AV	GREEN ST	Fortified Reclaim LO	431	41	\$58,058	7
ELM CT	ISLINGTON ST	DEAD END	Fortified Reclaim LO	107	41	\$7,014	4
STARK ST	166' W OF DENETT ST	FRANKLIN DR	Fortified Reclaim LO	333	41	\$24,253	1
GOOSE BAY DR	1069' E OF CORPORATE DR W	1897' E OF CORPORATE DR W	Fortified Reclaim LO	830	42	\$90,675	29
GREENLAND RD #2	DEAD END	SHERBURN DR	Fortified Reclaim LO	467	42	\$64,623	4
CUTTS ST	MAPLEWOOD AV	ASHLAND ST	Full Depth Const. LO	261	42	\$61,854	3

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
HANOVER ST	MAPLEWOOD AVE	PORTWALK	Fortified Reclaim AR/CO	345	43	\$81,076	48
LAWRENCE ST	MIDDLE ST	BOSS AV	Fortified Reclaim LO	312	43	\$24,996	7
SHEARWATER DR	62' W OF BLUE HERON DR	203' E OF PORTSMOUTH BLVD	Fortified Reclaim LO	350	43	\$29,315	7
ARBORETUM DRIVE	5511' E OF SHORT ST	3653' E OF SHORT ST	Fortified Reclaim LO	1,858	43	\$155,643	7
STARK ST	CLINTON ST	DENNETT ST	Fortified Reclaim LO	951	43	\$86,578	1
CLOUGH DR	855' E OF SOUTH ST	478' S OF BRACKET RD	Full Depth Reclaim LO	463	44	\$48,997	8
EDMOND AV	MAPLEWOOD AV	WOODBURY AV	Fortified Reclaim LO	2,043	44	\$185,992	7
CENTRAL AV	280' W OF CUTTS ST	MAPLEWOOD AV	Fortified Reclaim LO	706	44	\$74,557	7
CLIFF RD #2	DEAD END	DEAD END	Fortified Reclaim LO	317	44	\$27,705	3
ANDREW JARVIS DR	LAFAYETTE RD	HIGH SCHOOL PARKING LOT	Fortified Reclaim LO	812	44	\$73,924	3
LEDGEWOOD DR	140' W OF CUL-DE-SAC	CUL-DE-SAC	Fortified Reclaim LO	141	44	\$24,681	3
BARTLETT ST	THORNTON ST	DENNETT ST	Full Depth Reclaim AR/CC	338	45	\$53,516	123
MAPLEWOOD AV	WOODBURY AV	EDMOND AV	Full Depth Reclaim LO	2,573	45	\$256,730	66
CORPORATE DR #2	RYE ST	772' E OF GOOSE BAY DR W	Full Depth Reclaim AR/CC	1,926	45	\$233,193	47
LEE ST	AVIATION AV	ROCHESTER AV	Full Depth Reclaim LO	434	45	\$39,367	8
GREEN ST	VAUGHAN ST	RUSSELL ST	Fortified Reclaim LO	487	45	\$40,789	7
VERSAILLES AV	JONES AV	DEAD END	Fortified Reclaim LO	314	45	\$21,726	3
CUTTS ST	ASHLAND ST	CENTRAL ST	Fortified Reclaim LO	763	46	\$94,469	26
CHESTNUT ST #1	CONGRESS ST	PORTER ST	Full Depth Reclaim LO	188	46	\$10,232	9
SPARHAWK ST	THORTON ST	CLINTON ST	Full Depth Reclaim LO	567	46	\$42,859	8
LESLIE DR	CUTTS ST	CUL DE SAC LOOP	Fortified Reclaim LO	2,029	46	\$221,661	7
SPARHAWK ST	DENNETT ST	THORTON ST	Fortified Reclaim LO	268	46	\$33,182	7
HUNTERS HILL	DENNETT ST	DEAD END	Fortified Reclaim LO	239	46	\$0	7
SHERIDAN AV	SOUTH ST	DEAD END	Full Depth Reclaim LO	279	46	\$11,810	4
MICHAEL SUCCI DR	MARKET ST	DEAD END	Full Depth Reclaim LO	1,162	46	\$84,322	4
WHIDDEN ST	PLEASANT ST	DEAD END	Fortified Reclaim LO	250	46	\$18,208	3
WOODBURY AV (OLD)	WOODBURY AV	DEAD END	Fortified Reclaim LO	373	46	\$29,843	1
CLIFF RD	SAGAMORE AV	CLIFF RD #2	Full Depth Reclaim LO	326	47	\$23,657	8
NEWFIELDS ST	NEW HAMPSHIRE AV	ROCHESTER AV	Fortified Reclaim LO	468	47	\$56,240	6
BEECHWOOD ST	CENTRAL AV	CUTTS ST	Fortified Reclaim LO	348	47	\$29,147	6
RAYNES AV	MAPLEWOOD AV	VAUGHAN ST	Fortified Reclaim LO	250	47	\$31,864	6
UNION ST	ISLINGTON ST	MIDDLE ST	Fortified Reclaim LO	1,367	47	\$149,340	6
DODGE AV	GREENLAND RD	DEAD END	Fortified Reclaim LO	807	47	\$88,162	3
JENKINS AV	SUMMIT AV	ROCKAWAY ST	Full Depth Reclaim LO	235	48	\$8,527	8
CHASE DR	MICHAEL SUCCI DR	CUTTS AV EX	Fortified Reclaim LO	913	48	\$93,093	6
SUMMIT AV	SOUTH ST	DEAD END	Full Depth Reclaim LO	551	48	\$56,644	4

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
PEARSON ST	PLAINS AV #1	DEAD END	Fortified Reclaim LO	740	48	\$48,506	3
LITTLE HARBOR RD	552' E OF SAGAMORE AV	3245' E OF SAGAMORE AV	Full Depth Reclaim LO	2,714	49	\$147,709	7
HIGH ST #2	CONGRESS ST	LADD ST	Fortified Reclaim LO	224	49	\$15,498	6
BURKITT ST EXT	DENNETT ST	140' W OF DENNETT ST	Fortified Reclaim LO	127	49	\$13,874	3
CORPORATE DR #1	1117' E OF GRAFTON	RYE ST	Full Depth Reclaim AR/CC	4,692	50	\$568,089	34
PARROT AV	JUNKINS AV	EDWARDS ST	Full Depth Reclaim LO	106	50	\$11,889	29
STRATHAM ST	NEW HAMPSHIRE AV	ROCHESTER AV	Full Depth Reclaim LO	427	50	\$47,770	7
SANDERLING WAY	BLUE HERON DR	OSPREY DR	Fortified Reclaim LO	845	50	\$92,313	6
CHURCH ST	70' S OF CONGRESS ST	STATE ST	Full Depth Reclaim LO	352	50	\$15,960	4
RUSSELL ST	DEER ST	100' S OF GREEN ST	Fortified Reclaim AR/CO	358	51	\$84,201	24
SPINNEY RD	100' S OF SEWALL RD	ISLINGTON ST	Full Depth Reclaim AR/CC	632	51	\$70,584	13
BOYD RD	WOODBURY AV	RT 1 BY PASS RAMP	Full Depth Reclaim LO	837	51	\$53,146	7
DODGE AVE #2	DODGE AV	DEAD END	Fortified Reclaim LO	229	51	\$26,685	3
SUNSET RD	BOSS AV	THAXTER RD	Full Depth Reclaim LO	683	52	\$61,953	7
MIRONA RD EX	MIRONA RD	80' N OF DEAD END	Full Depth Reclaim LO	420	52	\$50,796	7
NIXON PK	MCKINLEY RD	NIXON PK (LOOP)	Fortified Reclaim LO	907	52	\$89,178	6
BARTLETT ST	DENNETT ST	DEAD END	Full Depth Reclaim LO	206	52	\$10,589	4
CHURCH ST	STATE ST	DEAD END	Full Depth Reclaim LO	260	52	\$11,791	4
FRANKLIN ST	PLEASANT ST	DEAD END	Fortified Reclaim LO	244	52	\$19,548	3
PEVERLY HILL RD	ENTRANCE TO DPW	150' N OF BANFIELD RD	Full Depth Reclaim AR/CC	873	53	\$182,941	40
PIERCE ISLAND RD	150' E OF MECHANIC ST	END OF BRIDGE DECK	Full Depth Reclaim LO	305	53	\$21,211	26
CENTRAL AV	CUTTS ST	280' W OF CUTTS ST	Full Depth Reclaim LO	277	53	\$23,451	7
PRINCETON ST	HARVARD ST	DEAD END	Fortified Reclaim LO	203	53	\$19,220	3
SAGAMORE AV	SOUTH SIDE OF BRIDGE	WENTWORTH HOUSE RD	Full Depth Reclaim AR/CC	610	54	\$90,826	77
REGINA RD	ELWYN RD	REGINA RD (LOOP)	Full Depth Reclaim LO	1,892	54	\$165,899	7
BLUE HERON DR	SHEARWATER DR	DUNLIN WY	Full Depth Reclaim LO	2,157	54	\$130,438	7
DWIGHT AV	TYLER AV	VAN BUREN AV	Full Depth Reclaim LO	510	54	\$52,429	7
BURKITT ST	THORNTON ST	DENNETT ST	Full Depth Reclaim LO	296	54	\$23,270	7
SAPPHIRE ST	DIAMOND DR	EDMOND AV	Full Depth Reclaim LO	491	54	\$37,115	7
CHAPEL ST	BOW ST	DANIEL ST	Full Depth Reclaim LO	472	54	\$31,397	7
SAPPHIRE ST	EDMOND AV	ROCKINGHAM AV	Full Depth Reclaim LO	238	54	\$17,990	7
F W HARTFORD DR	210' E OF TAFT RD	T J GAMESTER AV (W)	Full Depth Reclaim LO	401	54	\$42,447	7
PLEASANT ST	MARCY ST	WENTWORTH ST	Full Depth Reclaim AR/CC	625	55	\$52,389	39
MIRONA RD	250' W OF LAFAYETTE RD	500' E OF PEVERLY HILL R	Fortified Reclaim AR/CO	1,417	55	\$242,180	15
CLOUGH DR	SOUTH ST	855' E OF SOUTH ST	Full Depth Reclaim LO	839	55	\$60,883	7
VAN BUREN AV	ADAMS AV	FILMORE RD	Full Depth Reclaim LO	245	55	\$24,446	7

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
TAFT RD	MCKINLEY RD	POLK AV	Full Depth Reclaim LO	871	55	\$86,927	7
AIRLINE AV	700' N OF EXETER ST	GATE	Full Depth Reclaim LO	422	55	\$33,151	3
DEER ST	MAPLEWOOD AV	RUSSELL ST	Full Depth Reclaim AR/CC	447	56	\$104,172	99
MAPLEWOOD AV	DENNETT ST	RAYNES AV	Full Depth Reclaim LO	821	56	\$99,259	53
PIERCE ISLAND RD	END OF BRIDGE DECK	1500' S OF MECHANIC ST	Full Depth Reclaim LO	1,117	56	\$81,056	25
PIERCE ISLAND RD	1500' S OF MECHANIC ST	DEAD END	Full Depth Reclaim LO	1,192	56	\$86,499	25
SEWALL RD	ALDRICH RD	THAXTER RD	Full Depth Reclaim LO	237	56	\$13,615	7
WARD PL	MONROE ST	MIDDLE RD	Full Depth Reclaim LO	230	56	\$15,995	7
PLAINS AV #1	ISLINGTON ST	DEAD END	Full Depth Reclaim LO	358	56	\$28,144	7
MANNING PL	GATES ST	END	Full Depth Reclaim LO	64	56	\$2,516	3
GRAFTON D	SHERBURNE RD (EXT)	1762' N OF GRAFTON RD	Full Depth Reclaim AR/CC	1,533	57	\$228,443	75
ESSEX AV	MELBOURNE ST	MIDDLE RD	Full Depth Reclaim AR/CC	1,404	57	\$209,220	37
HANOVER ST	PORTWALK	FLEET ST	Full Depth Reclaim AR/CC	152	57	\$31,145	15
COLONIAL DR	SHERBURNE RD	2500' N OF SHERBURNE RD	Full Depth Reclaim LO	2,509	57	\$197,241	6
ALDER WAY	KANE ST	DEAD END	Full Depth Reclaim LO	208	57	\$15,723	6
MELBOURNE ST	VINE ST	RUTLAND ST	Full Depth Reclaim LO	1,436	57	\$108,547	6
HARDING RD	700' N OF T J GAMESTER	ADAMS AV	Full Depth Reclaim LO	919	57	\$91,726	6
GRAFTON D	937' N OF RT 33	RT 33	Full Depth Reclaim AR/CC	937	58	\$218,217	74
PLEASANT ST	JUNKINS AV	COURT ST	Full Depth Reclaim AR/CC	390	58	\$65,297	51
PEVERLY HILL RD	327' N OF WEST ROAD	ENTRANCE TO DPW	Full Depth Reclaim AR/CC	470	58	\$48,151	44
JUNKINS AV	PARROT AV	PLEASANT ST	Full Depth Reclaim AR/CC	343	58	\$43,101	29
PLEASANT ST	WENTWORTH ST	JUNKINS AV	Full Depth Reclaim AR/CC	808	58	\$112,880	11
HANOVER ST #1	ROCK ST	BREWSTER ST	Full Depth Reclaim LO	284	58	\$17,174	6
FRANKLIN AV	WOODBURY AV	DEAD END	Full Depth Reclaim LO	738	58	\$62,480	3
MARJORIE ST	MIDDLE RD	DEAD END	Full Depth Reclaim LO	669	58	\$56,638	3
WORTHEN RD	COLONIAL DR	DEAD END	Full Depth Reclaim LO	97	58	\$7,332	3
MARKET ST WB	RUSSELL ST	NOBLES ISLAND	Full Depth Reclaim AR/CC	766	59	\$117,775	116
EDWARDS ST	200' N OF JUNKINS ST	JUNKINS ST	Full Depth Reclaim LO	204	59	\$12,336	25
ROGERS ST	COURT ST	PARROT AV	Full Depth Reclaim LO	523	59	\$31,627	9
BURKITT ST	CLINTON ST	THORNTON ST	Full Depth Reclaim LO	575	59	\$45,203	6
ONYX LN	TOPAZ PL	DIAMOND DR	Full Depth Reclaim LO	309	59	\$23,357	6
MASON AV	DECATUR RD	COLONIAL AV	Full Depth Reclaim LO	637	59	\$46,225	6
HARDING RD	ADAMS AV	MCKINLEY RD	Full Depth Reclaim LO	1,822	59	\$159,761	6
ORCHARD ST	294' N OF WILLARD AV	WIBIRD ST	Full Depth Reclaim LO	906	59	\$79,466	6
MARKET ST EB	NOBLES ISLAND	RUSSELL ST	Full Depth Reclaim AR/CC	777	60	\$119,389	128
BANFIELD RD	CONSTITUTION AV	541' N OF OCEAN RD	Full Depth Reclaim LO	3,514	60	\$244,373	109

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
ISLINGTON ST	MAPLEWOOD AV	150' N OF BARTLETT ST	Full Depth Reclaim AR/CC	3,314	60	\$555,522	99
WOODBURY AV (#2)	MARKET ST	900' N OF MARKET ST	Full Depth Reclaim AR/CC	862	60	\$120,424	92
CABOT ST	MIDDLE ST	ISLINGTON ST	Full Depth Reclaim LO	1,250	60	\$120,944	21
SOUTH ST	MARCY ST	JUNKINS AV	Full Depth Reclaim AR/CC	1,857	60	\$224,838	16
MIRONA RD	LAFAYETTE RD	250' W OF LAFAYETTE RD	Full Depth Reclaim AR/CC	248	60	\$51,970	14
DECATUR RD	COLONIAL DR	COLONIAL DR	Full Depth Reclaim LO	1,042	60	\$78,765	6
HARDING RD	MCKINLEY RD	ELWYN RD	Full Depth Reclaim LO	971	60	\$99,821	6
ARBORETUM DRIVE	1093' E OF SHORT ST	SHORT ST	Full Depth Reclaim LO	1,093	60	\$76,031	6
LAFAYETTE RD	ANDREW JARVIS DR	325' S OF SOUTH ST	Overlay w/mill AR/CO	836	61	\$42,944	192
INTERNATIONAL DR	CORPORATE DR	PEASE BV	Overlay AR/CO	940	61	\$71,561	38
COAKLEY RD	606' W OF RTE BYPASS	COAKLEY RD (LOOP)	Overlay LO	2,601	61	\$87,828	12
HANOVER ST	PEARL ST	BRIDGE ST	Overlay w/mill LO	551	61	\$22,801	10
ROBERT AV	LAFAYETTE RD	ANNE AV	Overlay LO	875	61	\$34,471	6
GRANT AV	WILSON RD	EDGEWOOD RD	Overlay LO	356	61	\$8,014	6
HAMPTON ST	AVIATION AVE	FLIGHT LINE DR	Overlay LO	1,026	61	\$34,638	6
ORCHARD ST	WILLARD AV	294' N OF WILLARD AV	Overlay LO	294	61	\$6,609	6
NORTHWEST ST	MAPLEWOOD AV	DEAD END	Overlay LO	1,269	61	\$28,567	3
WENTWORTH ST	PLEASANT ST	DEAD END	Overlay LO	434	61	\$8,793	3
MAPLEWOOD AV	EDMOND AV	291' W OF CENTRAL AV	Overlay w/mill AR/CO	613	62	\$39,586	60
WOODBURY AV	GOSLING ROAD	978' N OF MARKET ST	Overlay AR/CO	2,453	63	\$209,107	231
MAPLEWOOD AV	VAUGHAN ST	ISLINGTON ST	Overlay AR/CO	1,085	63	\$64,127	111
MIRONA RD	500' E OF PEVERLY HILL R	PEVERLY HILL RD	Overlay AR/CO	498	63	\$17,547	18
SHEARWATER DR	CUL DE SAC	62' W OF BLUE HERON DR	Overlay w/mill LO	357	63	\$14,652	10
ASH ST	ORCHARD ST	WILLARD AV	Overlay LO	279	63	\$9,421	6
MT VERNON ST	SOUTH ST	POLICE DEPT LOT	Overlay LO	396	63	\$9,806	6
PEVERLY HILL RD	265' S OF MIDDLE ROAD	MIDDLE ROAD	Overlay AR/CO	266	64	\$12,687	100
SOUTH ST	50' E OF MONROE ST EXT	MIDDLE RD	Overlay AR/CO	490	64	\$16,698	65
MARCY ST	PLEASANT ST	SOUTH ST	Overlay w/mill AR/CO	168	64	\$12,336	56
GREENLAND RD #2	SHERBURN DR	GREENLAND RD	Overlay w/mill LO	395	64	\$14,704	9
HANOVER ST	BRIDGE ST	MAPLEWOOD AVE	Overlay AR/CO	150	65	\$7,502	45
RYE ST	INTERNATIONAL DR	CORPORATE DR #2	Overlay LO	1,622	65	\$45,642	6
PORTER ST	340' E OF MIDDLE ST	PLEASANT ST	Overlay LO	581	65	\$8,501	6
DIAMOND DR	ONYX LA	RUBY RD	Overlay LO	680	65	\$19,135	6
MONROE ST	WARD PL	MIDDLE RD	Overlay LO	342	65	\$16,938	6
KENSINGTON RD	MIDDLE RD	BOSS AV	Overlay LO	670	65	\$18,099	6
MCCLINTOCK AV	WOODWORTH AV	LEAVITT AV	Overlay LO	203	65	\$5,495	6

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
LOIS ST	MIDDLE RD	DEAD END	Overlay LO	486	65	\$10,941	3
AIRLINE AV	EXETER ST	700' N OF EXETER ST	Overlay LO	700	65	\$35,471	3
MARKET ST EB	RT 95 N ON RAMP	NOBLES ISLAND	Overlay AR/CO	2,910	66	\$109,160	159
BARTLETT ST	500' W OF ISLINGTON ST	THORNTON ST	Overlay AR/CO	1,303	66	\$51,835	115
JUNKINS AV	SOUTH ST	544' N OF LINCOLN AV	Overlay AR/CO	959	66	\$26,160	34
T J GAMESTER DR	F W HARTFORD DR	F W HARTFORD DR	Overlay LO	967	66	\$38,095	6
COLONIAL DR	2500' N OF SHERBURNE RD	SHERBURNE RD	Overlay LO	1,592	66	\$46,590	6
THAXTER RD	SUNSET RD	BOSS AV	Overlay LO	982	66	\$36,475	6
FAIRVIEW AV	OLEARY PL	EDMOND AV	Overlay LO	463	66	\$13,026	6
FILMORE RD	VAN BUREN AV	HARDING RD	Overlay w/mill LO	442	66	\$20,101	5
MONROE ST EX	SOUTH ST	DEAD END	Overlay LO	244	66	\$6,317	3
GOSLING RD	130' E OF WOODBURY AV	150' W OF WOODBURY AV	Overlay AR/CO	280	67	\$7,638	148
GOSLING RD (EB)	WEDGEWOOD RD	END OF MEDIAN	Overlay AR/CO	1,241	67	\$42,316	148
MIDDLE ST	MIDDLE RD	MILLER AV	Overlay w/mill AR/CO	2,999	67	\$193,666	135
DENNETT ST	MAPLEWOOD AV	BARTLETT ST	Overlay AR/CO	312	67	\$14,194	43
DENNETT ST	BARTLETT ST	BURRITT ST	Overlay AR/CO	979	67	\$36,724	43
DENNETT ST	BURRITT ST	100' S OF MILL POND WAY	Overlay AR/CO	1,004	67	\$30,802	43
DENNETT ST	100' S OF MILL POND WAY	WOODBURY AV	Overlay AR/CO	1,234	67	\$40,675	43
INTERNATIONAL DR	100' S OF CORPORATE DR	CORPORATE DR	Overlay AR/CO	351	67	\$26,752	35
STATE ST	CASS ST	MIDDLE ST	Overlay w/mill LO	2,634	67	\$127,165	32
NEWCASTLE AV	SOUTH ST	MARCY ST	Overlay LO	842	67	\$22,748	16
ROCK ST	ISLINGTON ST	SUDBURY ST	Overlay w/mill LO	400	67	\$10,483	9
BOSS AV	110' S OF SUNSET RD	MIDDLE RD	Overlay LO	627	67	\$15,526	6
FAIRVIEW AV	MAPLEWOOD AV	OLEARY PL	Overlay LO	248	67	\$12,287	6
ORCHARD CT	WILLARD AV	DEAD END	Overlay LO	187	67	\$4,210	3
COACH RD	LAFAYETTE RD	CUL-DE-SAC LOOP	Overlay LO	1,295	67	\$46,644	3
SWEATT AV	MIDDLE RD	DEAD END	Overlay LO	890	67	\$20,035	3
PRAY ST	MARCY ST	DEAD END	Overlay LO	268	67	\$3,620	3
CONGRESS ST	PLEASANT ST	MIDDLE ST	Overlay w/mill AR/CO	998	68	\$58,589	98
STATE ST	FLEET ST	PLEASANT ST	Overlay AR/CO	420	68	\$20,050	86
CORPORATE DR #2	772' E OF GOOSE BAY DR W	GOOSE BAY DR (W)	Overlay AR/CO	774	68	\$39,588	86
JUNKINS AV	544' N OF LINCOLN AV	PARROT AV	Overlay w/mill AR/CO	798	68	\$31,622	51
CORPORATE DR #2	GOOSE BAY DR (W)	INTERNATIONAL DR	Overlay AR/CO	716	68	\$44,760	34
BOW ST	DANIEL ST	464' N OF DANIEL ST	Overlay AR/CO	454	68	\$14,449	13
GOSLING RD	R X R TRACKS	300' E OF WOODBURY AV	Overlay LO	2,533	68	\$71,277	6
AUSTIN ST	SUMMER ST	CABOT ST	Overlay LO	497	68	\$18,460	6

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THAXTER RD	ISLINGTON ST	SUNSET RD	Overlay LO	900	68	\$25,325	6
DUNLIN WAY	BLUE HERON DR	PORTSMOUTH BLVD	Overlay LO	875	68	\$19,697	6
GOSPORT RD	ELWIN RD	ODIORNE POINT RD (E)	Overlay LO	2,913	68	\$108,200	6
BREWERY LN	PARKING LOT (JEWELL CT)	60' WEST OF JEWELL CT	Overlay LO	140	68	\$4,412	6
RUTH ST	THORNTON ST	DEAD END	Overlay LO	253	68	\$6,265	3
LAFAYETTE RD	WILLARD AV	MIDDLE ST	Overlay w/mill AR/CO	588	69	\$38,834	170
GOSLING RD (EB)	SPAULDING TP	WEDGEWOOD DR	Overlay AR/CO	1,023	69	\$46,510	143
LAFAYETTE RD	325' S OF SOUTH ST	WILLARD AV	Overlay AR/CO	845	69	\$43,219	110
BROAD ST	SOUTH ST	JONES AVE	Overlay LO	1,541	69	\$55,519	57
NEW HAMPSHIRE AV	PEASE BLVD	INTERNATIONAL DR	Overlay AR/CO	5,934	69	\$263,040	51
CORPORATE DR #1	NEW HAMPSHIRE AV	GRAFTON DR	Overlay AR/CO	983	69	\$29,049	42
COURT ST	PLEASANT ST	MIDDLE ST	Overlay AR/CO	1,111	69	\$41,671	42
ROCKINGHAM AV	MEADOW RD	SPAULDING TP	Overlay LO	526	69	\$14,802	18
BRIDGE ST	DEER ST	HANOVER ST	Overlay AR/CO	372	69	\$14,795	13
ECHO AV	SPAULDING TP	HILLCREST DR	Overlay LO	865	69	\$23,367	11
LARRY LN	COAKLEY RD (N)	COAKLEY RD (S)	Overlay LO	405	69	\$13,676	6
NATHANIEL DR	MARIETTE DR	CUL-DE-SAC	Overlay LO	1,690	69	\$66,109	6
HILL ST	BRIDGE ST	DEAD END	Overlay w/mill LO	415	69	\$17,173	4
BENSON ST	SIMS AV	DEAD END	Overlay LO	249	69	\$4,484	3
ROCKAWAY ST	JENKINS AV	DEAD END	Overlay LO	148	69	\$3,665	3
SCHURMAN AV	COLONIAL DR	DEAD END	Overlay LO	164	69	\$4,615	3
VERDUN ST	SAGAMORE RD	MARNE AV	Overlay LO	424	69	\$9,068	2
MARKET ST WB	KEARSARGE WY	WOODBURY AV	Overlay AR/CO	3,403	70	\$116,036	173
MARKET ST WB	NOBLES ISLAND	RT 95 N ON RAMP	Overlay AR/CO	2,967	70	\$111,279	133
STATE ST	MIDDLE ST	FLEET ST	Overlay AR/CO	650	70	\$31,029	83
SAGAMORE AV	ORIORNE POINT RD	RYE TOWN LINE	Overlay AR/CO	507	70	\$18,437	81
MCKINLEY RD	VAN BUREN AV	200' W OF TAFT DR	Overlay LO	1,134	70	\$42,121	16
SHERBURNE RD	948'N OF GREENLAND RD	WITMER AV	Overlay LO	2,046	70	\$66,785	6
EDGEWOOD RD	250' S OF ELWYN RD	GRANT AV	Overlay LO	622	70	\$23,804	6
WOODLAWN CR	WOODBURY AV	575' FROM ECHO AV	Overlay LO	1,020	70	\$28,691	6
GOSLING RD	150' W OF WOODBURY AV	WEDGEWOOD RD	Overlay AR/CO	936	71	\$81,917	139
MARKET ST	DEER ST	RUSSELL ST	Overlay AR/CO	501	71	\$28,472	107
RUSSELL ST	100' S OF GREEN ST	MARKET ST	Overlay AR/CO	380	71	\$19,027	25
MCKINLEY RD	HARDING RD	VAN BUREN AV	Overlay LO	1,620	71	\$56,526	16
JOAN AV	ANNE AV	RICCI AV	Overlay LO	325	71	\$10,974	6
ROCKINGHAM AV	SAPPHIRE ST	WOODBURY AV	Overlay LO	622	71	\$17,503	6

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HARRISON AV	MCKINLEY RD	PIERCE PL	Overlay LO	1,074	71	\$36,266	6
VINE ST	ISLINGTON ST	MELBOURNE ST	Overlay LO	238	71	\$5,090	6
WILLARD AV	LAFAYETTE RD	100' W OF MARSTON	Overlay LO	1,090	71	\$42,952	6
O'LEARY PL	FAIRVIEW AV	CUL-DE-SAC	Overlay LO	211	71	\$13,088	3
WHIPPLE CT	DECATUR RD	CUL-DE-SAC LOOP	Overlay LO	305	71	\$7,553	3
GREENLAND RD #1	GRIFFIN RD	ISLINGTON ST	Crackseal & Patch	2,789	72	\$26,160	740
BANFIELD RD	750' S OF PEVERLY HILL R	CONSTITUTION AV	Crackseal & Patch	5,045	72	\$22,714	365
TAFT RD	CLEVELAND DR	ELWYN RD	Prev. Maintenance	627	72	\$8,593	42
GOOSE BAY DR	CORPORATE DR (W)	1069' E OF CORPORATE DR W	Crackseal & Patch	1,071	72	\$6,027	20
FARM LN	25' W OF MEADOW RD	SPAULDING TP	Prev. Maintenance	928	72	\$14,132	19
LITTLE HARBOR RD	SAGAMORE AV	552' E OF SAGAMORE AV	Prev. Maintenance	556	72	\$4,798	11
COOLIDGE DR	HOOVER DR	MCKINLEY RD	Prev. Maintenance	1,364	72	\$15,925	11
TAFT RD	796' N OF HOOVER DR	GARFIELD RD	Prev. Maintenance	322	72	\$4,740	11
FLETCHER ST	SIMS AV	DEAD END	Crackseal & Patch	178	72	\$668	10
CUTTS AV	DEAD END (S)	CHASE DR	Prev. Maintenance	261	72	\$3,180	5
WOODBURY AV	978' N OF MARKET ST	MARKET ST	Crackseal & Patch	983	73	\$5,901	520
BANFIELD RD	PEVERLY HILL RD	475' S OF PEVERLY HILL R	Prev. Maintenance	475	73	\$10,368	187
PLEASANT ST	STATE ST	CONGRESS ST	Prev. Maintenance	427	73	\$10,837	137
MANCHESTER SQ	INTERNATIONAL DR	500' W OF INTERNATIONAL D	Crackseal & Patch	515	73	\$2,995	80
SPINNEY RD	MIDDLE RD	100' S OF SEWALL RD	Crackseal & Patch	1,240	73	\$5,583	64
MONROE ST	SOUTH ST	WARD PL	Prev. Maintenance	274	73	\$4,033	42
CENTRAL AV	MAPLEWOOD AV	MYRTLE AV S	Crackseal & Patch	966	73	\$4,712	20
GREENSIDE AV	WITMER AV	408' S OF SHERBURNE RD	Crackseal & Patch	1,086	73	\$5,093	20
STARK ST	DENNETT ST	166' W OF DENETT ST	Crackseal & Patch	166	73	\$934	20
RICCI AV	JOAN AV	ROBERTS AV	Prev. Maintenance	390	73	\$7,127	10
WINTER ST	STATE ST	AUSTIN ST	Prev. Maintenance	396	73	\$4,020	10
GRANT AV	MCKINLEY RD	WILSON RD	Prev. Maintenance	1,005	73	\$15,304	10
TRUMAN PL	MCKINLEY RD	HARDING RD	Prev. Maintenance	378	73	\$5,564	10
TAFT RD	POLK AV	CLEVELAND DR	Prev. Maintenance	1,041	73	\$14,262	10
GREENSIDE AV	408' S OF SHERBURNE RD	SHERBURNE RD	Crackseal & Patch	412	74	\$1,855	20
CATE ST	547' S OF BARTLETT ST	BARTLETT ST	Prev. Maintenance	541	74	\$7,689	15
TAYLOR LN	ARTHUR RD	CLEVELAND DR	Prev. Maintenance	696	74	\$10,599	10
VAN BUREN AV	FILMORE RD	HARRISON AV	Prev. Maintenance	1,028	74	\$16,698	10
WILSON RD	TAFT RD	930' W OF TAFT RD	Prev. Maintenance	948	74	\$12,993	10
SARATOGA WY	BEDFORD WY	CRESCENT WY	Prev. Maintenance	792	74	\$8,041	10
RUTLAND ST	MELBOURNE ST	ISLINGTON ST	Prev. Maintenance	247	74	\$3,761	10

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SHEFFIELD RD	MELBOURNE ST	MIDDLE RD	Prev. Maintenance	1,363	74	\$22,140	10
LEAVITT AV	MIDDLE RD	MCCLINTOCK AV	Prev. Maintenance	671	74	\$6,812	10
OAKWOOD DR	ELWYN RD	CUL-DE-SAC	Crackseal & Patch	797	74	\$4,784	10
LONGMEADOW LN	WOODLAWN CR	150' S OF WOODLAWN CR	Prev. Maintenance	160	74	\$1,706	5
MARKET ST EB	WOODBURY AV	KEARSARGE WY	Crackseal & Patch	3,381	75	\$18,394	623
BANFIELD RD	475' S OF PEVERLY HILL R	750' S OF PEVERLY HILL R	Prev. Maintenance	275	75	\$3,350	182
CATE ST	COTTAGE ST	547' S OF BARTLETT ST	Crackseal & Patch	929	75	\$3,486	35
SEWALL RD	THAXTER RD	SPINNEY RD	Crackseal & Patch	1,204	75	\$5,421	19
GRANT AV	EDGEWOOD RD	ELWYN RD	Prev. Maintenance	244	75	\$3,716	10
WILSON RD	930' W OF TAFT RD	LAFAYETTE RD	Prev. Maintenance	496	75	\$7,553	10
ADAMS AV	HARDING RD	DEAD END	Prev. Maintenance	468	75	\$7,840	5
SIMS AV	MELBOURNE ST	DEAD END	Prev. Maintenance	660	75	\$6,700	5
LENS AV	JONES AV	DEAD END	Prev. Maintenance	477	75	\$4,358	5
FILMORE RD	DEAD END	VAN BUREN AV	Prev. Maintenance	165	75	\$1,931	5
GOSLING RD (WB)	WEDGEWOOD RD	SPAULDING TP	Crackseal & Patch	1,022	76	\$5,752	653
PEASE BV	860' E OF NEW HAMPSHIRE AV	SPAULDING TNPK	Crackseal & Patch	2,169	76	\$16,276	614
INTERNATIONAL DR	355' N OF NEW HAMPSHIRE A	100' NORTH OF OAK ST	Crackseal & Patch	1,336	76	\$6,518	384
COURT ST	MARCY ST	PLEASANT ST	Crackseal & Patch	1,250	76	\$5,393	192
KEARSARGE WY	50' S OF BIRCH ST	MARKET ST EB	Crackseal & Patch	399	76	\$3,218	192
CONSTITUTION AV	1810' W OF LAFAYETTE RD	BANFIELD RD	Crackseal & Patch	2,260	76	\$13,991	127
NEWCASTLE AV	MARCY ST	PLEASANT POINT DR	Crackseal & Patch	1,060	76	\$4,772	127
MARKET ST #1	BOW ST	DANIEL ST	Crackseal & Patch	421	76	\$3,949	119
KEARSARGE WY	PREBLE WY	RANGER WY	Prev. Maintenance	1,071	76	\$14,135	100
GOSLING RD	300' E OF WOODBURY AV	130' E OF WOODBURY AV	Prev. Maintenance	170	76	\$2,589	10
F W HARTFORD DR	840' S OF T J GAMESTER AV	HARDING RD	Prev. Maintenance	833	76	\$13,531	10
MCKINLEY RD	200' W OF TAFT DR	LAFAYETTE RD	Prev. Maintenance	805	76	\$12,259	10
MIDDLE ST	RICHARDS AV	STATE ST	Crackseal & Patch	676	77	\$4,058	417
STATE ST	PLEASANT ST	WRIGHT AV	Crackseal & Patch	930	77	\$7,676	341
PEVERLY HILL RD	250' N OF YMCA ENTRANCE	MCCLINTOCK ST	Prev. Maintenance	2,127	77	\$28,072	218
CLEVELAND DR	TAFT RD	VAN BUREN AV	Crackseal & Patch	1,194	77	\$6,496	19
TAFT RD	HOOVER DR	796' N OF HOOVER DR	Crackseal & Patch	808	77	\$5,154	19
OPAL AV	DIAMOND DR	TOPAZ PL	Crackseal & Patch	264	77	\$1,238	19
RUBY RD	EDMOND AV	DIAMOND DR	Crackseal & Patch	448	77	\$2,101	19
GRIFFIN RD	375' S OF GREENLAND RD	CUL-DE-SAC	Crackseal & Patch	1,043	77	\$5,378	19
ASH ST	WILLARD AV	DEAD END	Crackseal & Patch	357	77	\$1,473	9
PLEASANT POINT DR	NEW CASTLE AV	DEAD END	Crackseal & Patch	1,188	77	\$6,240	9

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BAYCLIFF RD	NEW CASTLE AV	DEAD END	Crackseal & Patch	347	77	\$1,953	9
BALL ST	NEW CASTLE AV	DEAD END	Crackseal & Patch	207	77	\$466	9
MARKET ST	BOW ST	DEER ST	Crackseal & Patch	731	78	\$3,565	487
MIDDLE ST	MILLER AV	RICHARDS AV	Crackseal & Patch	604	78	\$5,212	412
WOODBURY AV	RTE 1 BYPASS	MORNING ST	Crackseal & Patch	1,393	78	\$8,360	228
LANG RD	LAYFAYETTE RD	RYE TOWN LINE	Prev. Maintenance	5,131	78	\$59,905	58
ARTHUR RD	CLEVELAND DR	TAYLOR RD	Crackseal & Patch	634	78	\$3,568	19
GRANT AV	HOOVER DR	MCKINLEY RD	Crackseal & Patch	1,423	78	\$6,407	19
HAYES PL	HARDING RD	MCKINLEY RD	Crackseal & Patch	326	78	\$1,712	19
TOPAZ PL	OPAL AV	ONYX LN	Crackseal & Patch	297	78	\$1,393	19
ODIORNE POINT RD	GOSPORT RD (E)	CUL DE SAC LOOP	Crackseal & Patch	1,994	78	\$12,344	19
SYLVESTER ST	MIDDLE RD	DEAD END	Crackseal & Patch	345	78	\$1,165	9
PEASE BV (WB)	SPAULDING TP	PEASE BLVD #1	Crackseal & Patch	2,129	79	\$16,774	591
SHERBURNE RD	GREENLAND RD	385'N OF GREENLAND RD	Crackseal & Patch	377	79	\$2,832	73
GARFIELD RD	MCKINLEY RD	TAFT RD	Crackseal & Patch	676	79	\$3,551	18
POLK AV	TAFT RD	HARRISON AV	Crackseal & Patch	244	79	\$1,831	18
TAYLOR LN	HARDING RD	ARTHUR RD	Crackseal & Patch	361	79	\$2,032	18
PEVERLY HILL RD	WEST ROAD	327' N OF WEST ROAD	Crackseal & Patch	325	80	\$1,829	401
BANFIELD RD	541' N OF OCEAN RD	OCEAN RD	Crackseal & Patch	542	80	\$2,542	328
MARCY ST	SOUTH ST	NEWCASTLE AV	Crackseal & Patch	976	80	\$4,394	146
MENDUM AV	MIDDLE ST	PARK ST	Crackseal & Patch	542	80	\$2,542	18
ANNE AV	ROBERTS AV	JOAN AV	Crackseal & Patch	425	80	\$2,392	18
SHERBURNE AV #1	ROCKLAND ST	DEAD END	Crackseal & Patch	1,066	80	\$4,399	18
CHAPEL CT	CHAPEL ST	PARKING LOT	Crackseal & Patch	130	80	\$390	18
OAK ST	MANGROVE ST	DEAD END	Crackseal & Patch	331	80	\$1,180	9
WOODWORTH AV	MIDDLE RD	DEAD END	Crackseal & Patch	908	80	\$3,066	9
JOHNSON CT	SOUTH ST	DEAD END	Crackseal & Patch	229	80	\$516	9
FALKLAND WY	KEARSARGE WY	DEAD END	Crackseal & Patch	112	80	\$399	9
HAVEN RD	SOUTH ST	DEAD END	Crackseal & Patch	546	80	\$2,458	9
BRACKETT LN	BRACKETT RD	SOUTH ST	Crackseal & Patch	540	81	\$2,735	180
ROCKINGHAM AV	WOODBURY AV	MEADOW RD	Crackseal & Patch	318	81	\$1,491	58
WALLIS RD	SUZANNE DR	SUZANNE DR	Crackseal & Patch	820	81	\$4,307	18
HUMPHREY'S CT	NEW CASTLE AV	MARCY ST	Crackseal & Patch	612	81	\$2,181	18
HAMPSHIRE RD	SHEFFIELD RD	SHEFFIELD RD	Crackseal & Patch	1,288	81	\$8,215	18
SOUTH SCHOOL ST	SOUTH ST	MARCY ST	Crackseal & Patch	469	81	\$1,936	18
MEADOW RD	FARM LN	ROCKINGHAM AV	Crackseal & Patch	1,231	81	\$5,773	18

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THORNTON ST	RUTH ST	BARTLETT ST	Crackseal & Patch	1,824	81	\$8,897	18
OXFORD AV	GREENLAND RD #1	DEAD END	Crackseal & Patch	799	81	\$3,298	18
GRIFFIN RD	GREENLAND RD #1	375' S OF GREENLAND RD	Crackseal & Patch	375	81	\$2,040	18
WASHINGTON ST	STATE ST	HANCOCK ST	Crackseal & Patch	819	81	\$2,919	10
BOYAN PL	PLEASANT POINT DR	CUL DE SAC	Crackseal & Patch	276	81	\$1,928	9
MOEBUS TR	PLEASANT POINT DR	DEAD END	Crackseal & Patch	397	81	\$1,638	9
DAVIS RD	GRIFFIN RD	CUL DE SAC	Crackseal & Patch	574	81	\$3,747	9
CUTTS ST	RT 1 BY PASS	MAPLEWOOD AV	Crackseal & Patch	396	82	\$2,526	178
ESSEX AV	ISLINGTON ST	MELBOURNE ST	Crackseal & Patch	244	82	\$1,190	178
PORTSMOUTH BLVD	NORTH END OF TRAFFIC ISLAND	995' N OF OSPREY DR	Crackseal & Patch	1,020	82	\$3,827	71
ORANGE ST	KEARSARGE WY	OAK ST	Crackseal & Patch	225	82	\$760	18
EDGEWOOD RD	ELWYN RD	250' S OF ELWYN RD	Crackseal & Patch	246	82	\$1,546	18
SUZANNE DR	OCEAN RD	SUZANNE DR (LOOP)	Crackseal & Patch	3,884	82	\$21,130	18
FALKLAND PL	RANGER WY	KEARSARGE WY	Crackseal & Patch	225	82	\$1,182	18
FELLS RD	THAXTER RD	THAXTER RD	Crackseal & Patch	702	82	\$4,609	18
HOLLY LN	SHERBURNE RD	HOLLY LN	Crackseal & Patch	1,553	82	\$9,323	18
MCCLINTOCK AV	LEAVITT AV	PEVERLY HILL RD	Crackseal & Patch	210	82	\$944	18
SUTTON AV	SHERBURNE RD	DEAD END	Crackseal & Patch	631	82	\$2,723	9
CRESCENT WY	470' W OF KEARSARGE WY	ALBACORE WY	Crackseal & Patch	956	82	\$4,483	9
BARTLETT ST	ISLINGTON ST	500' W OF ISLINGTON ST	Crackseal & Patch	500	83	\$3,471	598
MAPLEWOOD AV	291' W OF CENTRAL AV	CUTTS ST	Crackseal & Patch	704	83	\$4,224	345
MAPLEWOOD AV	PROSPECT ST	DENNETT ST	Crackseal & Patch	342	83	\$2,050	345
WOODBURY AV	25' N. OF ECHO AV	35' N. OF ROCKINGHAM AV	Crackseal & Patch	3,469	83	\$16,920	309
DEER ST	BRIDGE ST	MAPLEWOOD AV	Crackseal & Patch	350	83	\$2,298	281
BORTHWICK AV	400' S OF RT 1 BY-PASS	RT 1 BY-PASS	Crackseal & Patch	430	83	\$5,647	231
BORTHWICK AV	GREENLAND RD	2750' N OF GREENLAND RD	Crackseal & Patch	2,745	83	\$21,113	231
MIDDLE RD	PEVERLY HILL RD	474' E OF LOIS ST	Crackseal & Patch	2,627	83	\$14,784	218
KEARSARGE WY	RANGER WY	400' S OF RANGER WAY	Crackseal & Patch	342	83	\$1,925	176
PEVERLY HILL RD (SB)	530' N OF LAFAYETTE RD	LAFAYETTE RD	Crackseal & Patch	573	83	\$3,762	176
ELWYN RD	RYE TOWN LINE	EDGEWOOD RD	Crackseal & Patch	6,161	83	\$34,672	176
ELWYN RD	EDGEWOOD RD	LAFAYETTE RD	Crackseal & Patch	447	83	\$4,864	176
PARROT AV	ROGERS ST	JUNKINS AV	Crackseal & Patch	737	83	\$5,118	70
HANCOCK ST	PLEASANT ST	MARCY ST	Crackseal & Patch	827	83	\$4,654	18
JONES AV	SAGAMORE AV	INCINERATOR RD	Crackseal & Patch	2,741	83	\$11,827	18
BRACKETT RD	HAVEN ST	DEAD END	Crackseal & Patch	829	83	\$3,732	9
CRESCENT WY	KEARSARGE WY	470' W OF KEARSARGE WY	Crackseal & Patch	470	83	\$2,203	9

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
PEASE BV	NEW HAMPSHIRE AVE	860' E OF NEW HAMPSHIRE AVI	Crackseal & Patch	857	84	\$10,932	522
WOODBURY AV	35' N. OF ROCKINGHAM AV	RTE 1 BYPASS	Crackseal & Patch	940	84	\$7,054	452
SOUTH ST	JUNKINS AV	100' E OF CLOUGH DR	Crackseal & Patch	479	84	\$2,335	250
WOODBURY AV	MORNING ST	BARTLETT ST	Crackseal & Patch	293	84	\$1,321	212
KEARSARGE WY	400' S OF RANGER WAY	50' S OF BIRCH ST	Crackseal & Patch	1,399	84	\$7,609	174
CORPORATE DR #1	228' E OF GRAFTON DR	1117' E OF GRAFTON	Crackseal & Patch	889	84	\$4,169	174
CUTTS AV	CHASE DR	DEAD END (N)	Crackseal & Patch	792	84	\$3,566	70
HALL CT	COLONIAL DR	COLONIAL DR	Crackseal & Patch	291	84	\$1,092	17
COOLIDGE DR	MCKINLEY RD	WILSON RD	Crackseal & Patch	960	84	\$4,322	17
MARIETTE DR	OCEAN RD (W)	OCEAN RD (E)	Crackseal & Patch	2,725	84	\$14,825	17
GEORGES TR	COLONIAL DR	COLONIAL DR	Crackseal & Patch	400	84	\$1,651	17
COURT PL	STATE ST	COURT ST	Crackseal & Patch	193	84	\$1,303	17
PEARL ST	HANOVER ST	ISLINGTON ST	Crackseal & Patch	301	84	\$1,694	17
SHERBURNE RD	800'N OF GREENLAND RD	948'N OF GREENLAND RD	Crackseal & Patch	148	84	\$972	17
HARDING RD	T J GAMESTER	700' N OF T J GAMESTER	Crackseal & Patch	707	84	\$4,375	17
POST RD	HERITAGE AV #2	CUL-DE-SAC	Crackseal & Patch	600	84	\$4,698	9
HIGHLINER AV	BORTHWICK AV	CUL-DE-SAC	Crackseal & Patch	644	84	\$7,763	9
SHERBURNE RD	385' N OF GREENLAND RD	800'N OF GREENLAND RD	Crackseal & Patch	423	85	\$3,013	68
FARM LN	WOODBURY AV	25' W OF MEADOW RD	Crackseal & Patch	331	85	\$1,614	30
MOFFAT ST	SWEATT AV	PEVERLY HILL RD	Crackseal & Patch	446	85	\$2,761	17
SUZANNE DR #2	LAFAYETTE RD	SUZANNE DR	Crackseal & Patch	343	85	\$2,188	17
JACKSON HL	NORTHWEST ST	DEARBORN PL	Crackseal & Patch	236	85	\$753	17
PROSPECT ST	WALKER ST	MAPLEWOOD AV	Crackseal & Patch	358	85	\$1,679	17
DENISE ST	MARIETTE DR	MARIETTE DR	Crackseal & Patch	893	85	\$4,691	17
SIMONDS RD	SUZANNE DR	SUZANNE DR	Crackseal & Patch	855	85	\$4,812	17
WINCHESTER ST	WINCHESTER ST #2	349' W OF DEAD END	Crackseal & Patch	524	85	\$2,949	17
MEADOW RD	MAPLE ST	FARM LN	Crackseal & Patch	876	85	\$4,108	17
WHOLEY WY	ECHO AV	CUL-DE-SAC	Crackseal & Patch	497	85	\$3,857	17
RALEIGH WY	RANGER WY	SARATOGA WAY	Crackseal & Patch	806	85	\$2,874	17
LADD ST	HIGH ST	180' E OF HIGH ST	Crackseal & Patch	181	85	\$543	17
HILLCREST DR	ECHO AVE	WOODLAWN CIR	Crackseal & Patch	946	85	\$5,146	9
LITTLE HARBOR RD	3245' E OF SAGAMORE AV	DEAD END	Crackseal & Patch	730	85	\$2,739	9
MARSH LN	MAPLEWOOD AV	DEAD END	Crackseal & Patch	403	85	\$1,210	9
BARBERRY LN	ISLINGTON ST	FOCH AV	Crackseal & Patch	736	85	\$2,761	9
MARKET ST EB	KEARSARGE WY	RT 95 N ON RAMP	Crackseal or Patch	715	86	\$781	3,358
MARKET ST WB	RT 95 N ON RAMP	KEARSARGE WY	Crackseal or Patch	695	86	\$759	2,985

Pavement Backlog Report- by PCI

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PEVERLY HILL RD	MCCLINTOCK ST	265' S OF MIDDLE ROAD	Crackseal or Patch	489	86	\$486	2,052
GOSLING RD (WB)	UNDER RT 16	PEASE BLVD	Crackseal or Patch	671	86	\$1,066	1,866
GRAFTON D	1762' N OF GRAFTON RD	937' N OF RT 33	Crackseal or Patch	825	86	\$1,256	1,866
SOUTH ST	MILLER AV	UNION ST	Crackseal or Patch	1,095	86	\$943	1,343
SOUTH ST	100' E OF CLOUGH DR	RICHARDS ST	Crackseal or Patch	583	86	\$502	1,343
CONSTITUTION AV	350' W OF LAFAYETTE RD	1810' W OF LAFAYETTE RD	Crackseal or Patch	1,460	86	\$1,547	631
ECHO AV	HILLCREST DR	WOODBURY AV	Crackseal or Patch	499	86	\$396	134
PORTER ST	MIDDLE ST	340' E OF MIDDLE ST	Crackseal or Patch	371	86	\$197	93
NORTH SCHOOL ST	PROSPECT ST	DENNETT ST	Crackseal or Patch	234	86	\$85	93
PIERCE PL	CLEVELAND DR	TAFT RD	Crackseal or Patch	353	86	\$397	93
DORIS AV	SHERBURNE RD	GREENSIDE AV	Crackseal or Patch	376	86	\$311	93
HANOVER ST	ROCK ST	PEARL ST	Crackseal or Patch	144	86	\$124	93
BLOSSOM ST	SOUTH ST	DEAD END	Crackseal or Patch	221	86	\$117	47
GREENLAND RD #3	RT 101	DEAD END	Crackseal or Patch	456	86	\$423	47
MYRTLE AV	RTE 1 BYPASS SB	DEAD END	Crackseal or Patch	830	86	\$550	47
HAMPSHIRE RD #2	HAMPSHIRE RD	DEAD END	Crackseal or Patch	137	86	\$109	47
MARNE AV	JONES AV	DEAD END	Crackseal or Patch	605	86	\$401	47
VICTORY RD	COLONIAL DR	DEAD END	Crackseal or Patch	146	86	\$97	47
MELCHER ST	PLEASANT ST	DEAD END	Crackseal or Patch	350	86	\$209	47
SAGAMORE GROVE RD	SAGAMORE AV	DEAD END	Crackseal or Patch	557	86	\$276	19
ISLINGTON ST	150' N OF BARTLETT ST	100' S OF JEWELL CT	Crackseal or Patch	367	87	\$437	2,461
MIDDLE ST	STATE ST	ISLINGTON ST	Crackseal or Patch	402	87	\$466	2,030
ISLINGTON ST	PLAINS AV #1	MIDDLE RD	Crackseal or Patch	639	87	\$571	1,476
SOUTH ST	WIBIRD ST	LAFAYETTE RD	Crackseal or Patch	1,758	87	\$1,513	1,328
PLEASANT ST	COURT ST	STATE ST	Crackseal or Patch	205	87	\$237	1,218
GREENLAND RD	ISLINGTON ST	PEVERLY HILL RD	Crackseal or Patch	901	87	\$805	1,107
PEVERLY HILL RD	150' N OF BANFIELD RD	250' N OF YMCA ENTRANCE	Crackseal or Patch	518	87	\$772	923
TANNER CT	TANNER ST	PARKER ST	Crackseal or Patch	220	87	\$138	92
SHAW RD	SAGAMORE AV	WALKER BUNGALOW RD	Crackseal or Patch	633	87	\$335	92
FIELDS RD	SEWALL RD	SEWALL RD	Crackseal or Patch	632	87	\$628	92
MCCLINTOCK AV	SWEATT AV	WOODWORTH AV	Crackseal or Patch	202	87	\$160	92
ODIORNE POINT RD	GOSPORT RD	GOSPORT RD (E)	Crackseal or Patch	1,586	87	\$1,733	46
CHATHAM ST	WINTER ST	SUMMER ST	Crackseal or Patch	371	87	\$233	18
GOSLING A	PEASE BLVD	UNDER HIGHWAY 16	Crackseal or Patch	675	88	\$1,117	1,825
LINCOLN AV	SHERBURN AV	JUNKINS AV	Crackseal or Patch	799	88	\$741	365
CONSTITUTION AV	LAFAYETTE RD	350' W OF LAFAYETTE RD	Crackseal or Patch	350	88	\$463	365

Pavement Backlog Report- by PCI

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COTTAGE ST	WOODBURY AV	RT 1 BYPASS RAMP	Crackseal or Patch	1,170	88	\$968	122
TANNER ST	HANOVER ST	HILL ST	Crackseal or Patch	124	88	\$62	91
WHIPPLE ST	DENNETT ST	THORNTON ST	Crackseal or Patch	306	88	\$304	91
ELWYN AV	SOUTH ST	ROCKLAND ST	Crackseal or Patch	1,114	88	\$1,106	91
SHERBURNE AV #2	SHERBURNE AV	ELWYN AV	Crackseal or Patch	154	88	\$102	91
COOLIDGE DR EX (Y INT)	WILSON RD	COOLIDGE DR	Crackseal or Patch	128	88	\$161	91
BRIGHAM LN	CUTTS AV	CUL-DE-SAC	Crackseal or Patch	558	88	\$745	91
LOOKOUT LN	PINEHURST RD	DEAD END	Crackseal or Patch	267	88	\$194	46
BIRCH ST	KEARSARGE WY	DEAD END	Crackseal or Patch	132	88	\$87	46
MANOR DR	BOYD RD	DEAD END/PARKING LOT	Crackseal or Patch	289	88	\$287	46
FERNALD CT	NEW CASTLE AV	DEAD END	Crackseal or Patch	291	88	\$231	46
PARTRIDGE ST	MARCY ST	DEAD END	Crackseal or Patch	252	88	\$117	46
SALTER ST	MARCY ST	DEAD END	Crackseal or Patch	331	88	\$186	46
MCNABB CT	LINCOLN AV	DEAD END	Crackseal or Patch	282	88	\$196	46
GARDEN ST	CENTRE ST	DEAD END	Crackseal or Patch	119	88	\$63	4
GREENLEAF AV	PEVERLY HILL RD	340' S OF RT 1 BY PASS	Crackseal or Patch	2,452	89	\$1,948	903
WITMER AV	SHERBURNE RD	GREENSIDE AV	Crackseal or Patch	337	89	\$245	90
AVIATION AV	GRAFTON DR	DURHAM ST	Crackseal or Patch	1,177	89	\$1,208	90
LONGMEADOW RD	LAFAYETTE RD	CUL-DE-SAC	Crackseal or Patch	537	89	\$752	45
MCDONOUGH ST	CABOT ST	DEAD END	Crackseal or Patch	641	89	\$721	45
DANIEL ST	BOW ST	MARKET ST	Crackseal or Patch	941	90	\$1,247	1,161
WALTON AV	GATES ST	GARDNER ST	Crackseal or Patch	177	90	\$53	89
ARBORETUM DRIVE	570' N OF PEASE BLVD	2255' N OF PEASE BLVD	Crackseal or Patch	1,685	90	\$1,729	89
BREWERY LN	60' WEST OF JEWELL CT	200' EAST OF JEWELL CT	Crackseal or Patch	260	90	\$207	89
AVIATION AV	DURHAM ST	HAMPTON RD	Crackseal or Patch	1,298	90	\$1,246	45
BARBERRY LN	FOCH AV	DEAD END	Crackseal or Patch	424	90	\$183	45
GRAFTON DR	CORPORATE DR	376' S OF CORPORATE DR	Crackseal or Patch	376	91	\$523	2,120
PEVERLY HILL RD	LAFAYETTE RD	WEST ROAD	Crackseal or Patch	546	91	\$325	1,943
BORTHWICK AV	2750' N OF GREENLAND RD	400' S OF RT 1 BY-PASS	Crackseal or Patch	3,503	91	\$3,595	1,158
MILLER AV	SOUTH ST	LINCOLN AV	Crackseal or Patch	984	91	\$880	1,025
INTERNATIONAL DR	RYE ST	100' S OF CORPORATE DR	Crackseal or Patch	2,375	91	\$2,123	707
BOW ST	464' N OF DANIEL ST	100' W OF CHAPEL ST	Crackseal or Patch	246	91	\$163	265
JEWELL CT	ISLINGTON ST	BREWERY LN	Crackseal or Patch	504	91	\$484	88
ATKINSON ST	STATE ST	COURT ST	Crackseal or Patch	191	91	\$114	88
PAMELA ST	MARIETTE DR	MARIETTE DR	Crackseal or Patch	467	91	\$448	88
GREENLAND RD #2	GREENLAND RD	BORTHWICK AV	Crackseal or Patch	443	91	\$396	88

Pavement Backlog Report- by PCI

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PENHALLOW ST	STATE ST	DANIEL ST	Crackseal or Patch	354	91	\$339	88
WHITE CEDARS BV	345' E OF LAFAYETTE BLVD	CUL-DE-SAC LOOP	Crackseal or Patch	605	91	\$992	88
CUSTOM HOUSE CT	PENHALLOW ST	DEAD END	Crackseal or Patch	175	91	\$104	44
MCDONOUGH ST	CORNWALL ST	CABOT ST	Crackseal or Patch	379	91	\$427	44
WOODBURY AV	MARKET ST	25' N. OF ECHO AV	Crackseal or Patch	658	92	\$1,089	2,273
DANIEL ST	STATE ST	BOW ST	Crackseal or Patch	307	92	\$407	1,136
MARCY ST	100' S OF STATE ST	100' E OF COURT ST	Crackseal or Patch	230	92	\$213	699
MARCY ST	100' E OF COURT ST	HANCOCK ST	Crackseal or Patch	643	92	\$469	699
MIDDLE RD	474' E OF LOIS ST	607' E OF LOIS ST	Crackseal or Patch	133	92	\$110	350
GATES ST	HANCOCK ST	MECHANIC ST	Crackseal or Patch	1,045	92	\$692	87
TYLER PL	HARDING RD	DWIGHT AV	Crackseal or Patch	147	92	\$165	87
ALDRICH RD	JOFFRE TE	MIDDLE ST	Crackseal or Patch	922	93	\$976	346
CLOVER LA	FARM LA	MEADOW RD	Do Nothing	748	93	\$0	0
MAPLE ST	WOODBURY AV	MEADOW RD	Do Nothing	256	93	\$0	0
FOCH AV	BARBERRY LA	DEAD END	Do Nothing	476	93	\$0	0
ALBANY ST	ISLINGTON ST	BREWERY LN	Do Nothing	506	93	\$0	0
WALDEN ST	MARCY ST	DEAD END	Do Nothing	155	93	\$0	0
MCGEE DR	MAPLEWOOD AV	DEAD END	Do Nothing	954	93	\$0	0
SCOTT AV	DANIEL ST	DUTTON AV	Do Nothing	171	93	\$0	0
WALKER ST	DENNETT ST	PROSPECT ST	Do Nothing	145	93	\$0	0
CONCORD WY	PREBLE WY	CRESCENT WY	Do Nothing	1,393	93	\$0	0
RANGER WY	FALKLAND WY	PREBLE WY	Do Nothing	747	93	\$0	0
LINCOLN AV	MIDDLE ST	WIBIRD ST	Do Nothing	851	93	\$0	0
CHEVROLET AV	CASS ST	ALBANY ST	Do Nothing	239	93	\$0	0
ARBORETUM DRIVE	PEASE BLVD	570' N OF PEASE BLVD	Do Nothing	570	93	\$0	0
ARBORETUM DRIVE	2255' N OF PEASE BLVD	2722' N OF PEASE BLVD	Do Nothing	467	93	\$0	0
ARBORETUM DRIVE	5553' N OF PEASE BLVD	5511' E OF SHORT ST	Do Nothing	836	93	\$0	0
ALBACORE WAY	SARATOGA WAY	CRESCENT WAY	Do Nothing	626	93	\$0	0
MARCY ST	STATE ST	100' S OF STATE ST	Do Nothing	100	93	\$0	0
BROAD ST	LINCOLN AVE	SOUTH ST	Do Nothing	963	93	\$0	0
PARKER ST	ISLINGTON ST	TANNER CT	Do Nothing	228	93	\$0	0
HOOVER DR	TAFT RD	LAFAYETTE RD	Do Nothing	1,023	94	\$0	0
GREENLEAF AV	340' S OF RT 1 BY PASS	110' S OF RT 1 BY PASS	Do Nothing	230	94	\$0	0
PINEHURST RD	SOUTH ST	DEAD END	Do Nothing	1,004	95	\$0	0
FAIRVIEW DR	MAPLEWOOD AV	DEAD END	Do Nothing	831	95	\$0	0
TANNER ST	ISLINGTON ST	HANOVER ST	Do Nothing	366	95	\$0	0

Pavement Backlog Report- by PCI

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KENT ST	LINCOLN AV	ROCKLAND ST	Do Nothing	450	95	\$0	0
ROCKLAND ST	BROAD ST	MILLER AVE	Do Nothing	395	95	\$0	0
CLINTON ST	BARTLETT ST	STARK ST	Do Nothing	829	95	\$0	0
MANGROVE ST	KEARSAGE WY	DEAD END	Do Nothing	398	95	\$0	0
RIDGES CT	NEW CASTLE AV	DEAD END	Do Nothing	545	95	\$0	0
DRIFTWOOD LN	NEW CASTLE AV	DEAD END	Do Nothing	280	95	\$0	0
HOLMES CT	MARCY ST	DEAD END	Do Nothing	196	95	\$0	0
MECHANIC ST	190' N OF GATES ST	PICKERING AV	Do Nothing	719	95	\$0	0
AUTUMN ST	HILL ST	HANOVER ST	Do Nothing	117	95	\$0	0
PREBLE WY	KEARSARGE ST	DEAD END	Do Nothing	734	95	\$0	0
WINCHESTER ST #2	880' S OF OCEAN RD	NATHANIEL DR	Do Nothing	183	95	\$0	0
CLOUGH DR	478' S OF BRACKET RD	BRACKET RD	Do Nothing	470	95	\$0	0
CLINTON ST	STARK ST	SPARHAWK ST	Do Nothing	469	95	\$0	0
PINE ST	BARTLETT ST	STARK ST	Do Nothing	747	95	\$0	0
WASHINGTON ST	HANCOCK ST	PLEASANT ST	Do Nothing	357	95	\$0	0
ROCKLAND ST	SHERBURNE AV #1	ELWYN AV	Do Nothing	182	95	\$0	0
GRANITE ST	WOODBURY AV	DEAD END	Do Nothing	393	95	\$0	0
TAFT RD	GARFIELD RD	MCKINLEY RD	Do Nothing	419	95	\$0	0
CASS ST	MIDDLE ST	ALBANY ST	Do Nothing	1,038	96	\$0	0
CASS ST	ALBANY ST	ISLINGTON ST	Do Nothing	514	96	\$0	0
RANDS CT	SOUTH ST	DEAD END	Do Nothing	247	97	\$0	0
CARDINAL LN	WINCHESTER ST	DEAD END	Do Nothing	304	97	\$0	0
WINCHESTER ST #2	OCEAN RD	880' S OF OCEAN RD	Do Nothing	866	97	\$0	0
WOODBURY AV (#2)	210'S OF MARKET ST	MARKET ST	Do Nothing	200	97	\$0	0
LAFAYETTE RD	LEDGEWOOD DR	ANDREW JARVIS DR	Do Nothing	737	97	\$0	0
CABOT ST	ISLINGTON ST	DEAD END	Do Nothing	445	97	\$0	0
HERITAGE AV #2 (EB)	543' W OF POST RD	296' W OF POST RD	Do Nothing	255	97	\$0	0
HERITAGE AV	LAFAYETTE RD	1075' W OF LAFAYETTE RD	Do Nothing	1,080	97	\$0	0
HERITAGE AV	543' W OF POST RD	BANFIELD RD	Do Nothing	2,066	97	\$0	0
CHURCH ST	CONGRESS ST	70' S OF CONGRESS ST	Do Nothing	68	97	\$0	0
LINCOLN AV	WIBIRD ST	MILLER AV	Do Nothing	1,326	97	\$0	0
STATE ST	WRIGHT AV	MARCY ST	Do Nothing	225	97	\$0	0
HERITAGE AV (WB)	1075' W OF LAFAYETTE RD	100' E OF POST RD	Do Nothing	507	97	\$0	0
HERITAGE AV	100' E OF POST RD	296' W OF POST RD	Do Nothing	398	97	\$0	0
HERITAGE AV (WB)	296' W OF POST RD	543' W OF POST RD	Do Nothing	248	97	\$0	0
HERITAGE AV #3 (EB)	100' E OF POST RD	600' E OF POST RD	Do Nothing	543	97	\$0	0

Pavement Backlog Report- by PCI

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MIDDLE RD	607' E OF LOIS ST	MIDDLE ST	Do Nothing	2,109	97	\$0	0
WINCHESTER ST #3	WINCHESTER #2	MARIETTE DR	Do Nothing	283	97	\$0	0
SPRING ST	WILLOW ST	MILLER AV	Do Nothing	796	98	\$0	0
MEETING HOUSE HL	MARCY ST	MARCY ST	Do Nothing	369	98	\$0	0
DUTTON AV	MARCY ST	SCOTT AV	Do Nothing	461	98	\$0	0
RALEIGH WY	SARATOGA WAY	CRESCENT WY	Do Nothing	516	98	\$0	0
RANGER WY	KEARSARGE WY	FALKLAND WY	Do Nothing	298	98	\$0	0
WBBX RD	ISLINGTON ST	RR TRACKS	Do Nothing	151	98	\$0	0
ARBORETUM DRIVE	2722' N OF PEASE BLVD	5553' N OF PEASE BLVD	Do Nothing	2,831	98	\$0	0
BREWERY LN	200' EAST OF JEWELL CT	CASS ST	Do Nothing	251	98	\$0	0
SOUTH ST	UNION ST	WIBIRD ST	Do Nothing	373	98	\$0	0
GRAFTON DR	376' S OF CORPORATE DR	SHERBURNE RD (EXT)	Do Nothing	2,266	98	\$0	0
HOWARD ST	WASHINGTON ST	MANNING ST	Do Nothing	318	99	\$0	0
HIGHLAND ST	MILLER AV	RTE 1 (MIDDLE ST)	Do Nothing	1,479	99	\$0	0
CENTRE ST	BOYD RD	GARDEN ST	Do Nothing	292	99	\$0	0
ALDRICH CT	ALDRICH RD	DEAD END	Do Nothing	194	99	\$0	0
ROBIN LN	PLEASANT POINT DR	DEAD END	Do Nothing	170	99	\$0	0
MEREDITH WY	BARTLETT ST	DEAD END	Do Nothing	317	99	\$0	0
BOW ST	100' W OF CHAPEL ST	MARKET ST #1	Do Nothing	406	99	\$0	0
THORNTON ST EX	THORNTON ST	DENNETT ST	Do Nothing	283	99	\$0	0
HUNKING ST	MARCY ST	MECHANIC ST	Do Nothing	388	99	\$0	0
PICKERING AV	PICKERING ST	SOUTH MILL ST	Do Nothing	226	99	\$0	0
PICKERING ST	MARCY ST	PICKERING AV	Do Nothing	368	99	\$0	0
BOSS AV	ALDRICH RD	110' S OF SUNSET RD	Do Nothing	425	99	\$0	0
PARROT AV	RICHARDS AV	ROGERS ST	Do Nothing	984	99	\$0	0
RICHARDS AV	MIDDLE ST	ROCKLAND ST	Do Nothing	1,174	99	\$0	0
THORNTON ST	BARTLETT ST	WOODBURY AV	Do Nothing	346	99	\$0	0
LINCOLN AV	RICHARDS AV	SHERBURN AV	Do Nothing	353	99	\$0	0
ROCKLAND ST	ELWYN AVE	DEAD END	Do Nothing	331	99	\$0	0
CERES ST	BOW ST	DEAD END (PRIVATE LOT)	Do Nothing	344	99	\$0	0
PORTSMOUTH BLVD	MARKET ST	NORTH END OF TRAFFIC ISLAND	Do Nothing	823	99	\$0	0
PORTSMOUTH BLVD (SOUTHWEST SIDE OF MEDIAN)		SHEARWATER DR	Do Nothing	509	99	\$0	0
PORTSMOUTH BLVD (SOUTHWEST SIDE OF SHEARWATER DR)		MARKET ST	Do Nothing	312	99	\$0	0
MILLER AV	LINCOLN AV	MIDDLE ST	Do Nothing	1,359	99	\$0	0
BROAD ST	82' S OF HIGHLAND ST	LINCOLN ST	Do Nothing	201	99	\$0	0
RICHARDS AV	LINCOLN AV	SOUTH ST	Do Nothing	929	99	\$0	0

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
MARCY ST	HANCOCK ST	PLEASANT ST	Do Nothing	845	99	\$0	0
LEDGEWOOD DR	LAFAYETTE RD	140' W OF CUL-DE-SAC	Do Nothing	400	99	\$0	0
SAGAMORE AV	SOUTH ST	150' S OF LITTLE HARBOR RD	Do Nothing	2,400	99	\$0	0
SAGAMORE AV	150' S OF LITTLE HARBOR RD	SHAW RD	Do Nothing	2,082	99	\$0	0
PIERCE ISLAND RD	MECHANIC ST	150' E OF MECHANIC ST	Do Nothing	150	99	\$0	0
ISLINGTON ST	300' W OF SPINNEY RD	RUTLAND ST	Do Nothing	670	99	\$0	0
COAKLEY RD	RT 1 BY PASS	606' W OF RTE BYPASS	Do Nothing	606	99	\$0	0
PORTSMOUTH BLVD	COMMERCE WAY	100' N OF OSPREY DR	Do Nothing	182	99	\$0	0
F W HARTFORD DR	TAFT RD	210' E OF TAFT RD	Do Nothing	210	99	\$0	0
WILLOW LN	LINCOLN AV	SPRING ST	Do Nothing	246	100	\$0	0
EXETER ST	NEW HAMPSHIRE AV	AIRLINE AV	Do Nothing	1,788	100	\$0	0
INTERNATIONAL DR	NEW HAMPSHIRE AV	355' N OF NEW HAMPSHIRE A	Do Nothing	352	100	\$0	0
MARTHA TR	PATRICIA DR	OCEAN RD	Do Nothing	1,095	100	\$0	0
HAWTHORNE ST	WIBIRD ST	UNION ST	Do Nothing	368	100	\$0	0
MARSTON AV	WLLARD AV	SOUTH ST	Do Nothing	514	100	\$0	0
MERRIMAC ST	HIGHLAND ST	MILLER AV	Do Nothing	615	100	\$0	0
SOUTH MILL ST	PICKERING AV	MARCY ST	Do Nothing	272	100	\$0	0
PATRICIA DR	OCEAN RD	DEAD END	Do Nothing	410	100	\$0	0
COLUMBIA ST	STATE ST	ISLINGTON ST	Do Nothing	498	100	\$0	0
SUDBURY ST	BREWSTER ST	ROCK ST	Do Nothing	261	100	\$0	0
AUSTIN ST	UNION ST	MADISON ST	Do Nothing	251	100	\$0	0
CHAUNCY ST	WIBIRD ST	UNION ST	Do Nothing	335	100	\$0	0
LOVELL ST	MADISON ST	CASS ST	Do Nothing	396	100	\$0	0
AUSTIN ST	MIDDLE ST	SUMMER ST	Do Nothing	481	100	\$0	0
AUSTIN ST	CABOT ST	UNION ST	Do Nothing	339	100	\$0	0
HILLSIDE DR	GREENLEAF AV	GREENLEAF AV	Do Nothing	1,534	100	\$0	0
PARK ST	ORCHARD ST	LINCOLN ST	Do Nothing	680	100	\$0	0
FRIEND ST	CASS ST	DEAD END	Do Nothing	198	100	\$0	0
MADISON ST	MIDDLE ST	STATE ST	Do Nothing	1,004	100	\$0	0
SUMMER ST	ISLINGTON ST	MIDDLE ST	Do Nothing	1,147	100	\$0	0
MARK ST	COURT ST	DEAD END	Do Nothing	244	100	\$0	0
WALKER BUNGALOW RD	LITTLE HARBOR RD	SHAW RD	Do Nothing	2,028	100	\$0	0
WALKER BUNGALOW RD	SHAW RD	CUL-DE-SAC LOOP	Do Nothing	749	100	\$0	0
COLUMBIA CT	COLUMBIA ST	DEAD END	Do Nothing	207	100	\$0	0
MILL POND WY	DENNETT ST	DEAD END	Do Nothing	696	100	\$0	0
MONTIETH ST	THORNTON ST	DEAD END	Do Nothing	407	100	\$0	0

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
CHESTNUT ST #2	STATE ST	DEAD END	Do Nothing	135	100	\$0	0
MANNING ST	PLEASANT ST	GATES ST	Do Nothing	428	100	\$0	0
DURGIN LN #2	DURGIN LN (EB & WB)	DEAD END	Do Nothing	903	100	\$0	0
DURGIN LN WB	WOODBURY AV	END OF ISLAND	Do Nothing	248	100	\$0	0
DURGIN LN EB	END OF ISLAND	WOODBURY AV	Do Nothing	248	100	\$0	0
DOVER ST	ISLINGTON ST	MCDONOUGH ST	Do Nothing	307	100	\$0	0
HIGH ST	HANOVER ST	225' W OF HANOVER ST	Do Nothing	220	100	\$0	0
HIGH ST	225' W OF HANOVER ST	DEER ST	Do Nothing	312	100	\$0	0
ALBANY ST	BREWERY	CASS ST	Do Nothing	231	100	\$0	0
JOFFRE TR	ALDRICH RD	DEAD END	Do Nothing	180	100	\$0	0
WEST RD	PEVERLY HILL RD	940' S OF PEVERLY HILL R	Do Nothing	940	100	\$0	0
BROAD ST	MERRIMAC ST	82' S OF HIGHLAND ST	Do Nothing	664	100	\$0	0
GARDNER ST	MECHANIC ST	MARCY ST	Do Nothing	374	100	\$0	0
GREENLEAF AV	110' S OF RT 1 BY PASS	140' N OF RT 1 BY PASS	Do Nothing	250	100	\$0	0
GREENLEAF AV	140' N OF RT 1 BY PASS	LAFAYETTE RD	Do Nothing	741	100	\$0	0
MECHANIC ST	MARCY ST	190' N OF GATES ST	Do Nothing	310	100	\$0	0
BUCKMINSTER WAY	OCEAN RD (S)	938' N OF OCEAN DR (S)	Do Nothing	944	100	\$0	0
HEATHER LN	BUCKMINSTER WY	DEAD END	Do Nothing	134	100	\$0	0
BREWSTER ST	ISLINGTON AV	DEAD END	Do Nothing	587	100	\$0	0
CHAPEL ST	DANIEL ST	STATE ST	Do Nothing	287	100	\$0	0
CORNWALL ST	ISLINGTON AV	MCDONOUGH ST	Do Nothing	358	100	\$0	0
LANGDON ST	DEAD END	ISLINGTON ST	Do Nothing	537	100	\$0	0
PORPOISE WY	SARATOGA WY	CRESCENT WY	Do Nothing	595	100	\$0	0
ROCKINGHAM ST	ISLINGTON ST	MCDONOUGH ST	Do Nothing	355	100	\$0	0
SALEM ST	ISLINGTON ST	MCDONOUGH ST	Do Nothing	344	100	\$0	0
SHEAFE ST	CHAPEL ST	PENHALLOW ST	Do Nothing	391	100	\$0	0
UNION ST	MIDDLE ST	SOUTH RD	Do Nothing	2,015	100	\$0	0
WIBIRD ST	MIDDLE ST	SOUTH RD	Do Nothing	2,020	100	\$0	0
BERSUM LN	BROAD ST	MILLER AV	Do Nothing	339	100	\$0	0
LINCOLN AV	MILLER AV	RICHARDS AV	Do Nothing	269	100	\$0	0
STATE ST	MARCY ST	DANIEL ST	Do Nothing	215	100	\$0	0
MANCHESTER SQ	500' W OF INTERNATIONAL D	NEW HAMPSHIRE DR	Do Nothing	512	100	\$0	0
WEST RD	940' S OF PEVERLY HILL R	CAMPUS DR	Do Nothing	2,486	100	\$0	0
WEST RD	CAMPUS DR	LAFAYETTE RD	Do Nothing	1,234	100	\$0	0
OAK AVE	CORPORATE DR	INTERNATIONAL DR	Do Nothing	1,647	100	\$0	0
SAGAMORE AV	NORTH SIDE OF BRIDGE	SOUTH SIDE OF BRIDGE	Do Nothing	398	100	\$0	0

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
BUCKMINSTER WAY	938' N OF OCEAN DR (S)	OCEAN DR (N)	Do Nothing	2,170	100	\$0	0
CORPORATE DR #1	GRAFTON DR	228' E OF GRAFTON DR	Do Nothing	228	100	\$0	0
HANOVER ST	100' W OF MARKET ST	MARKET ST	Do Nothing	101	100	\$0	0
PARK ST	LINCOLN ST	MIDDLE ST	Do Nothing	607	100	\$0	0
SAGAMORE AV	SHAW RD	NORTH SIDE OF BRIDGE	Do Nothing	208	100	\$0	0
BRIDGE ST	HANOVER ST	ISLINGTON ST	Do Nothing	379	100	\$0	0
F W HARTFORD DR	T J GAMESTER AV (W)	840' S OF T J GAMESTER AV	Do Nothing	3,872	100	\$0	0
MCDONOUGH ST	BREWSTER ST	CORNWALL ST	Do Nothing	380	100	\$0	0
PENHALLOW ST	DANIEL ST	BOW ST	Do Nothing	423	100	\$0	0
WHITE CEDARS BV	LAFAYETTE RD	345' E OF LAFAYETTE BLVD	Do Nothing	345	100	\$0	0
RICHARDS AV	ROCKLAND ST	LINCOLN AV	Do Nothing	459	100	\$0	0
ISLINGTON ST	100' S OF JEWELL CT	SPINNEY RD	Do Nothing	1,313	100	\$0	0
ROCKLAND ST	MILLER AVE	RICHARD AV	Do Nothing	289	100	\$0	0
ROCKLAND ST	RICHARDS AV	SHERBURNE AV #1	Do Nothing	399	100	\$0	0
COMMERCE WAY	WOODBURY AV	PORTSMOUTH BLVD	Do Nothing	2,798	100	\$0	0
ISLINGTON ST	SPINNEY RD	300' W OF SPINNEY RD	Do Nothing	297	100	\$0	0
SOUTH ST	RICHARDS ST	MILLER AV	Do Nothing	348	100	\$0	0
ALDRICH RD	ISLINGTON ST	JOFFRE TE	Do Nothing	993	100	\$0	0
CAMPUS DRIVE	WEST RD	CUL DE SAC LOOP	Do Nothing	811	100	\$0	0
MAPLEWOOD AV	CUTTS ST	PROSPECT ST	Do Nothing	784	100	\$0	0
INTERNATIONAL DR	100' NORTH OF OAK ST	RYE ST	Do Nothing	1,072	100	\$0	0
WILLARD AV	100' W OF MARSTON	WIBIRD ST	Do Nothing	386	100	\$0	0
WOODLAWN CR	575' FROM ECHO AV	ECHO AV	Do Nothing	563	100	\$0	0
ARBORETUM DRIVE	WILDLIFE REFUGE ROAD CLOSURE	DEAD END	Do Nothing	2,655	100	\$0	0
LAUREL CT	KEARSARGE WAY	CUL DE SAC LOOP	Do Nothing	935	100	\$0	0
SANDERSON DR	SPINNEY RD	DEAD END	Do Nothing	504	100	\$0	0
ARTHUR F BRADY DR	WOODBURY AV	APPLEBEE'S DRIVEWAY	Do Nothing	233	100	\$0	0
ARTHUR F BRADY DR	APPLEBEE'S DRIVEWAY	800' S OF WOODBURY AVE	Do Nothing	579	100	\$0	0
ARTHUR F BRADY DR	800' S OF WOODBURY AVE	STATE ON-RAMP	Do Nothing	501	100	\$0	0
VAUGHAN ST	GREEN ST	MAPLEWOOD AV	Do Nothing	365	100	\$0	0
LADD ST	180' E OF HIGH ST	MARKET ST	Do Nothing	81	100	\$0	0
SOUTH ST	LAFAYETTE RD	50' E OF MONROE ST EXT	Do Nothing	263	100	\$0	0
SAGAMORE AV	WENTWORTH HOUSE RD	ORIORNE POINT RD	Do Nothing	1,148	100	\$0	0
HANOVER ST	FLEET ST	100' W OF MARKET ST	Do Nothing	564	100	\$0	0
ISLINGTON ST	RUTLAND ST	VINE ST	Do Nothing	1,387	100	\$0	0
ISLINGTON ST	VINE ST	PLAINS AV #1	Do Nothing	1,784	100	\$0	0

Pavement Backlog Report- by PCI

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
				549,684		\$ 17,710,276	

Appendix C: Unit Costs

Unit costs updated and reviewed in 2017.

Name	Cost/SY
Do Nothing	\$0.00
Crackseal or Patch	\$0.30
Crackseal & Patch	\$1.70
Preventive Maintenance	\$4.60
Overlay Local	\$10.20
Overlay Arterial/Collector	\$10.30
Mill & Overlay Local Road	\$12.50
Mill & Overlay Arterial/Collector	\$13.30
Full Depth Reclaim Local Road	\$27.40
Fortified Reclaim Local Road	\$33.00
Full Depth Reclaim Arterial/Collector	\$42.10
Fortified Reclaim Arterial/Collector	\$48.40
Full Depth Reconstruction Local Road	\$76.70
Full Depth Reconstruction Arterial/Collector	\$82.40

Appendix D: Glossary of Terms

BASE INDEX (BI): is an index derived from controlled measurements and evaluations of condition survey distresses attributed to the underlying unbound base and subbase materials, and is manifested as non-utility patches, alligator cracking, cross section, and consolidation. It is a rating established as an indicator of asphalt materials quality and performance on a scale from 0 to 100, with 100 being excellent.

BENEFIT VALUE (BV): The benefit value is computed by RoadManager software at the time it determines the most beneficial recommended repair for a particular road section. The benefit value formula is:

$$(\text{ADT} \times \text{Estimated Repair Life}) / (\text{Repair Unit Cost} \times \text{Condition Index})$$

Where: "ADT" = average daily traffic, "Estimated Repair Life" is the number of years of life added to a road by the selected repair type, "Repair Unit Cost" is the cost per square yard of the selected repair type, and "Condition Index" = the PCI (pavement condition index, 0-100 scale) for the road section.

Benefit value is on a relative scale. The range of values varies from agency to agency.

CAPITAL REPAIRS: Capital repairs are extensive and costly repairs such as Structural Improvement and Base Rehabilitation work.

DEDUCT VALUES: Deduct values represent the penalty assessed for each identified distress and is used in the calculation of the Pavement Condition Index. Each distress has multiple severity and extent levels, with a specific deduct value at each level. Deduct values may be modified for all nine pavement distress types. The deduct value is ultimately subtracted from a perfect pavement condition of 100.

DEFICIENCY: is any indication of poor or unfavorable pavement performance or signs of impending failure; or any unsatisfactory performance of a pavement short of failure.

DETERIORATION RATE: is a prediction of the anticipated change in a roadway's condition over time.

DISTRESS: Distresses are the physical defects in a pavement system which can be observed and quantified through visual inspection of the roadway surface. Broad categories include cracking, patching, depressions, and surface wear.

FUNCTIONAL CLASSIFICATION: Road functional classification places all streets and roads in the network into one of three general categories - arterial, collector, or local - according to vehicular volume, roadway geometry, and traffic characteristics.

GRADE: is a measure of the steepness of a slope, expressed as a percentage. One percent slope has one foot of elevation change in one hundred feet of horizontal distance.

MAINTENANCE: is anything done to the pavement after original construction short of complete reconstruction, excluding shoulders and bridges.

NETWORK LEVEL: is an assessment of conditions and/or program needs across the entire roadway system encompassed by the roadway management study.

PAVEMENT CONDITION INDEX (PCI): is an index derived from established measurements of pavement surface condition distress or deficiencies. It is a serviceability rating established under controlled conditions having a scale of 0 to 100, with 100 being excellent.

PAVEMENT MANAGEMENT (PM): Pavement Management is the effective and efficient directing of the various activities involved in providing and sustaining pavements in a condition acceptable to the traveling public at the lowest life-cycle cost.

PAVEMENT MANAGEMENT SYSTEM (PMS): is an established, documented procedure treating many or all of the Pavement Management activities in a systematic and coordinated manner. It consists of five essential elements structured to serve decision-making responsibilities at various management levels.

1. Pavement surveys related to condition and serviceability;
2. Database containing all pavement-related information;
3. Analysis scheme;
4. Decision criteria;
5. Implementation procedures.

PAVEMENT PERFORMANCE: is the assessment of how well the pavement served the user over time. The engineer often associates pavement condition with an arbitrary, but quantifiable, value relating to pavement roughness, pavement distress, or pavement strength. Performance is the measured change of condition and/or serviceability over increments of time.

PAVEMENT TYPES: The RoadManager 2000 assigns an unlimited number of pavement types to the streets and roads. These pavement types often include bituminous concrete, surface treated, gravel, portland cement concrete, and composite. Pavement types serve to inform pavement engineers of the operating condition of the street, and provides a meaningful communication tool when engineering judgment is required to select possible rehabilitation alternatives. "Surface treated" designates a road surface and pavement structure that evolved over time. Generally, this type of surface starts as a dirt road, then is

built up over time with a series of sand seals and stone seals. Conversely, a "bituminous concrete" roadway is typically engineered with a pavement structure designed to withstand predicted traffic volumes. The roadway usually has a gravel base, a binder course, and an asphalt wearing surface. The "composite" surface type is used to describe a bituminous concrete roadway that has received a preventive maintenance surface treatment, such as microsurfacing.

PRESERVATION MAINTENANCE: Preservation maintenance is used to describe the routine and preventive maintenance repair categories.

PREVENTIVE MAINTENANCE: Preventive maintenance activities are those which are performed at planned intervals to protect and seal the pavement. Seals are designed to provide one or more of the following benefits:

1. Prevent the intrusion of air and moisture;
2. Fill small cracks and voids;
3. Rejuvenate an oxidized binder;
4. Provide a new wearing surface.

PROJECT LEVEL: is a detailed assessment or identification of needs relative to a specific roadway, or a section thereof, as opposed to network level applications. It may include on site pavement testing, lab evaluation, life cycle cost analysis, and treatment recommendation for the particular pavement section.

RECONSTRUCTION: Reconstruction is the complete removal and replacement of a failed pavement, and might also involve widening, realignment, traffic control devices, safety hardware, and major base and drainage work.

REHABILITATION: The rehabilitation of pavements includes the work necessary to restore the pavement to a condition that will allow it to perform satisfactorily for several years. Rehabilitation also includes the work necessary to prepare the pavement for an overlay. The major activities involved in the rehabilitation process are:

1. Partial depth patching;
2. Full depth patching;
3. Joint and crack sealing.
4. Grouting and undersealing (filling voids);
5. Grinding and milling (removal of high spots in the pavement.)
6. Overlays.

REPAIR STRATEGIES: The RoadManager 2000™ represents repair strategies in a table of user defined "if, then" statements. The recommended repairs are based on seven decision factors: PCI range, Base Index, Surface Index, Functional Classification, Surface Type, Utility Index, and Drainage Index. These input conditions to the repair strategy table represent the various conditions for each decision factor.

REPAIR TYPES: are the various choices of treatment available for providing a solution to a pavement deficiency or problem. The associated repair type cost is based on a locality's past experience.

ROADWAY MANAGEMENT SYSTEM: A roadway management system has all the database attributes of a pavement management system as defined above, along with recording additional inventory and condition data on a range of roadside elements. These additions to the management system database may include drainage features, utilities, traffic signs, pavement markings, sidewalks, pedestrian ramps and other road related elements within the right of way. Because the roadway management system has common locating and identifying fields for each roadside element, the database can be comprehensively evaluated for system wide planning and management.

ROUTINE MAINTENANCE: Routine maintenance activities are those which are taken to correct a specific pavement failure or area distress. Routine maintenance usually addresses localized pavement defects and includes activities such as:

1. Full depth patching;
2. Skin patching;
3. Crack sealing.

SURFACE INDEX (SI): is an index derived from controlled measurements and evaluations of the pavement condition survey distresses attributed to such asphalt mixture and material components as: surface wear/raveling, mix characteristics, and polished aggregate. It is a rating established as an indicator of asphalt materials quality and performance on a scale from 0 to 100, with 100 being excellent.

THRESHOLDS: The thresholds define various condition index ranges used in the determination of recommended repairs. These thresholds identify PCI ranges from 1 to 5, with 5 representing optimal conditions and 1 representing complete reconstruction.

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City of Portsmouth Conditional Sidewalk Assessment

Report of Findings



Prepared for:
City of Portsmouth
Department of Public Works

Prepared by:
GIS Division

July 2015

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Introduction

The City of Portsmouth Department of Public Works conducted a conditional sidewalk assessment on City maintained sidewalks during the summer of 2015. Applicable sidewalks were evaluated on their usability and mapped out using Trimble handheld Global Positioning System (GPS) units. Vanasse Hangen Bustlin, Inc. (VHB) project manager Lance Baden trained employees on the fundamentals of performing conditional assessments prior to the start of the project. The purpose of this project was not to identify specific points of impairments or access ADA compliance, but rather to provide a baseline for conducting such surveys in the future.

The assessment provides City staff with detailed information regarding its sidewalks including: sidewalk and curb material, width, major distresses, estimated percent repair, and a ranking of each individual sidewalk's condition. The conditions were classified as excellent, good, fair, or poor. Through the assessment, a database was established within a Geographic Information System (GIS) inclusive of all information collected in the field. The data collected provides staff and decision-makers with a clearer depiction of the overall conditions of the City's sidewalks and offers detailed information to aid in the implementation of Portsmouth's Bicycle and Pedestrian Plan.

This report will describe the methodology of the assessment, outline the results of field evaluations which will include detailed maps and figures, as well as provide the cost estimations from a detailed budget analysis.

Methodology

This survey was carried out to establish current information and maps concerning the status of City maintained infrastructure. The assessment was broken into three areas of interest: the Historic District, Non-Historic District, and Pease International Tradeport (Figure 1). Sidewalks located in parks, fields, and various other City maintained facilities where sidewalks do not directly border roads such as those surrounding schools, the Portsmouth Public Library, and Public Works, were collected, however, excluded from this report. The information collected will aid in future projects and serve as a guide for future sidewalk maintenance, repair, and replacement.

The processes used to conduct the assessment include: identifying the location of City maintained sidewalks, developing data dictionaries to aid in GPS field collection, implementation of the assessment, post processing and downloading of data collected, followed by data management and analysis.

Network Identification

An investigation prior to data collection was conducted to identify where City maintained sidewalks were located in order to narrow and define survey areas. To do this, the City's most current sidewalks layer within the GIS was used to locate all streets without sidewalks. Field

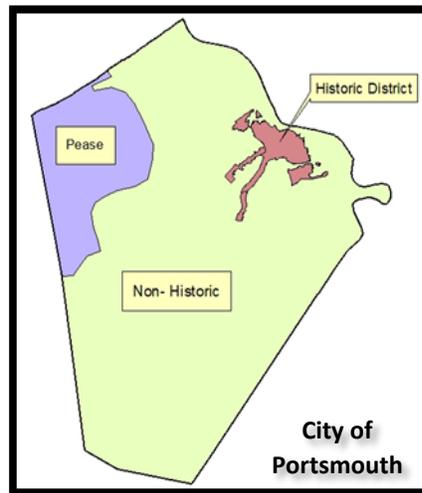


Figure 1. *The three study areas.*

reconnaissance of these areas took place to verify the information. Maps were then made throughout the data collection process of only the areas documented as having sidewalks. Eliminating roads with no sidewalks allowed for more efficient planning of daily routes.

Data Dictionary

The initial step in the assessment was the creation of a data dictionary which was uploaded into the GPS units to aid in the collection of field data. A data dictionary is a custom made database created to fit any individual project requirements. It simplifies the collection process and stores data in a format easy to transfer and analyze. The data dictionary for this project was built using Pathfinder Office software. Two features, a line for sidewalk segments, and a point for ramps, were created. Under each feature various attributes were added thus serving as an outline for data to be collected in the field. The line feature attributes include: sidewalk type, sidewalk material, width, condition, percent repair, and two distresses most impacting the usability of the sidewalk. Certain attributes contain several options to further detail the information for each segment. These can be viewed in Figure 2. Further information was gathered such as curb material, structural impacts caused by trees, and general maintenance issues such as excessive overgrowth or dirt and gravel build up.

Sidewalk Type	Sidewalk Material	Distress
<ul style="list-style-type: none"> •Sidewalk •Path •Stairs 	<ul style="list-style-type: none"> •Concrete (PCC) •Asphalt (HMA) •Brick (BR) •Stone •Stone Dust •Dirt •Pavers •Composite •Gravel •Wood 	<ul style="list-style-type: none"> •Broken (BR) •Missing (BR) •Fractured (PCC) •Uneven (PCC) •Surface Wear (PCC) •Alligator Cracking (HMA) •Linear Cracking (HMA) •Potholes (HMA) •Distortion (All Materials)

Figure 2 *Subcategories for sidewalk attributes.*

The ramp point feature includes type, material, if the ramp had a warning strip and if so, what the panel material was. Figure 3 shows more detailed options for each attribute collected. For both features, photos were taken to help document current conditions of the infrastructure. A comment field was also included to make note of any unique abnormalities or materials to later be edited within the GIS.

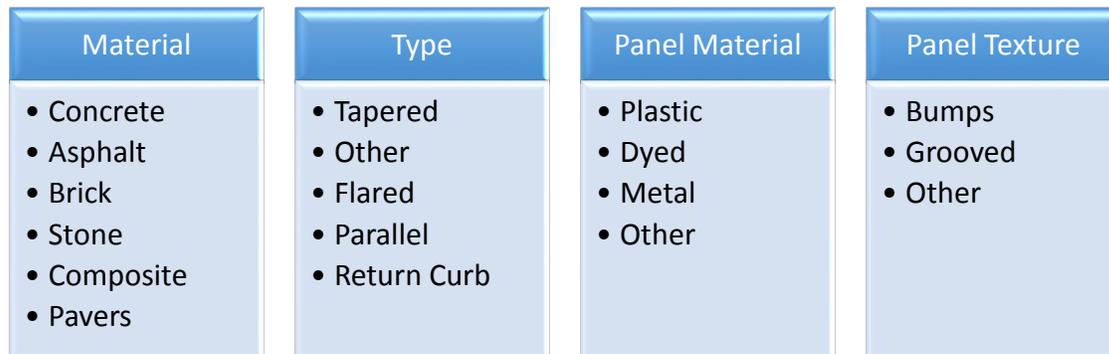


Figure 3 Subcategories for ramp attributes.

Data Management

At the end of each day, data collected was transferred from the GPS units onto GPS Pathfinder software and then exported into the GIS. Once in the GIS, data features and attributes are able to be edited to fix, for example, incorrect geometry. The data were also reviewed for accuracy and completeness.

In-Field Procedures

Maps were created in advance of field work to guide the routes taken by each individual assessor. A ramp point feature was typically recorded at the beginning and end of each street. In the collection of a sidewalk segment, the assessor walked along the center of a sidewalk while the GPS collected points at every 5 feet, creating the line segment. A line feature's information can be filled out before the assessor starts walking, or at the end of the segment. Overgrowth along the edges can affect the accuracy of the measurement. Therefore, the sidewalk was measured at a point that seemed most characteristic of its true width. A photo was taken at the beginning and end of each line segment and at all ramps. A new line segment was taken at every block, when the sidewalk changed material, or when the sidewalk significantly changed in width. One sidewalk, for example, stretching the length of a street could have several individual line segments based on material or width variation. Data was collected in this way so that more accurate sums of each material type could be calculated. Further, separating line segments by material aids in more accurately assigning distresses and percent repair because distresses vary based on material type.

Conditional Assessment

For each line segment, up to two distresses were chosen representing what the sidewalk's most disabling characteristics to usability were. A percent repair needed to remediate problem areas was estimated based on the distresses' severity and frequency. For example, an estimation of 25% would indicate one quarter of that sidewalk as requiring repair.

Usability was the leading factor in ranking the sidewalks by condition. For example, if a segment of asphalt had several thin linear cracks not affecting usability, the condition would be considered good because usability was not being significantly impacted. Conversely, a segment having only one or two linear cracks that caused lift or significant separation would be considered fair because

of it's impacts on usability. By this logic, the percent repair estimation might not always reflect the conditional ranking a segment of sidewalk was assigned. Continuing with the previous example, the sidewalk with more frequent, but thin, linear cracks, might have a higher percent repair due to the frequency of the cracks, while the sidewalk with only one linear crack and significant lift would have a much less percent repair, despite its lower conditional ranking.

Findings

Assessors collected detailed information on 76 miles of sidewalk throughout the City, not including those within parks, fields and other City maintained facilities. Table 1 provides a breakdown of material lengths found in each area of interest.

Table 1 Length of sidewalk materials in feet and miles

Materials	Non-Historic	Historic	Pease	Total (ft)	Total (miles)
Asphalt	137,242	15,272	28,846	152,514	29
Concrete	114,410	26,185	16,377	140,595	27
Brick	3,374	53,993	0	57,367	11
Dirt	1,124	0	3,040	1,124	0.2
Composite	715	273	0	988	0.2
Stone	45	555	0	600	0.1
Stone Dust	541	0	0	541	0.1
Pavers	39	0	0	39	0.01
Total (ft)	257,490	96,278	48,263	353,768	----
Total (miles)	49	18	9	----	76

Figures 4, 6, and 8 illustrate the total miles of each sidewalk material type within the three areas of interest. Each material type is further broken down into total miles of conditional ranking. In Figure 4, for example, asphalt makes up 26 miles of all the sidewalks in the Non-Historic section of the City, of which 12.3 miles are ranked in good condition. These graphs are useful in displaying which material types are in best and worst conditions through separating the material lengths by overall condition. Figures 5, 7, and 9 illustrate the total miles of sidewalk in each percent repair range. Each column is further broken down into miles of material type. Figure 5, for example, shows that 17 miles of all the sidewalk in the Non-Historic area of the City require no repair at all, of which 14.5 miles are concrete. These figures are helpful in displaying which section of the City, as well as what material types, requires the most repair.

Data was collected on 49 miles of sidewalk within the Non-Historic areas of the City. According to Figure 4, asphalt sidewalks, making up 26 miles of sidewalk, prevail throughout the area. The majority of which are ranked in fair or poor condition. Comparatively, concrete sidewalks, which trail behind asphalt's total by only four miles, are predominantly ranked in excellent condition. Figure 5 shows that the majority, or approximately 34 miles of sidewalk, require less than 20% repair, of which, concrete sidewalks account for 21 miles. Further, five miles of sidewalk are shown as requiring 50% repair or greater, the majority of which are made from asphalt.

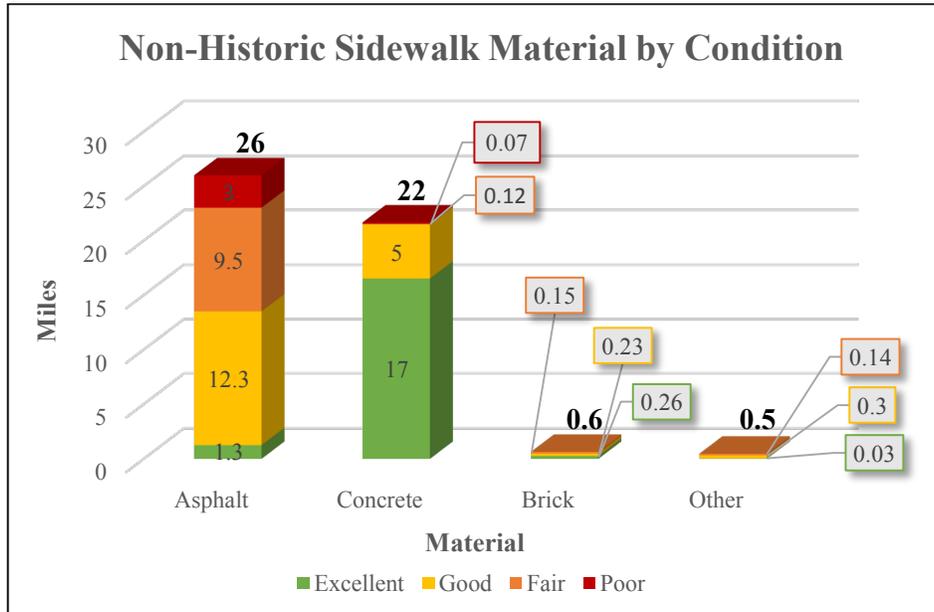


Figure 4 Non-Historic sidewalk material by miles of conditional ranking.

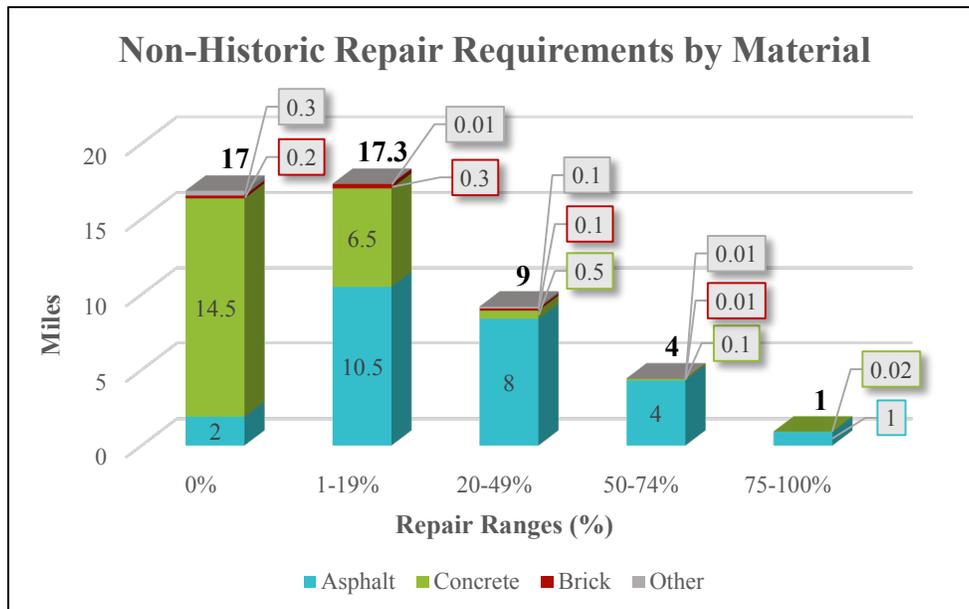


Figure 5 Percent repair requirements for Non-Historic sidewalks by miles of material type.

A separate analysis was prepared for the 18 miles of sidewalks located within Portsmouth’s Historic District. Figure 6 illustrates that the overwhelming majority of sidewalks found in the area are brick ranked in excellent condition. Asphalt sidewalks only account for three miles of sidewalks collected in the area, of which, over half are ranked as either poor or fair. Conversely, concrete sidewalks in the Historic District, which make up five miles of the sidewalk in the area, are ranked mostly in excellent or good condition. Furthermore, Figure 7 shows nine miles of sidewalk, or half the total amount of sidewalk collected in the area, require no repair at all with brick representing the majority of the column. Sidewalks requiring 50% repair or greater accounted for only one mile of sidewalks in the area.

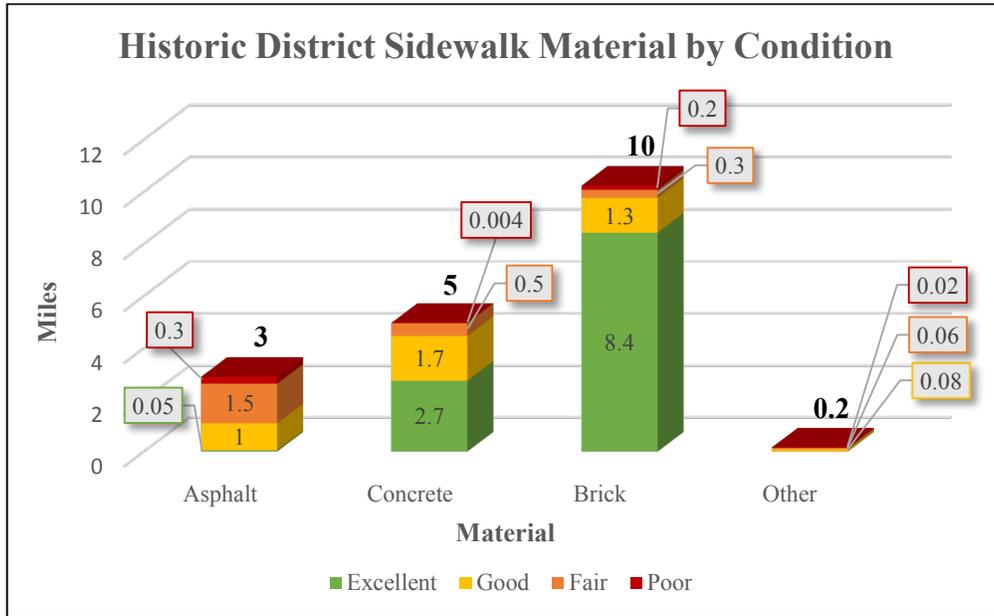


Figure 6 Portsmouth’s Historic District sidewalk material by miles of conditional ranking

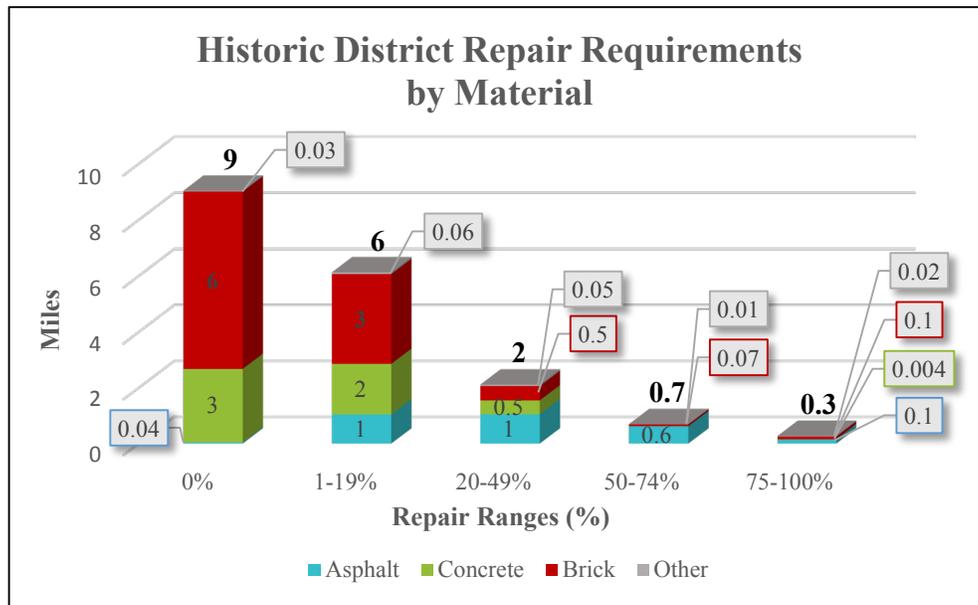


Figure 7 Percent repair requirements for Portsmouth’s Historic District sidewalks by miles of material type.

Sidewalks within Pease International Tradeport totaled nine miles. Figure 8 illustrates that the majority of sidewalks within Pease are made of asphalt ranked in equal parts excellent, good, and fair. Of the three miles of concrete sidewalks throughout Pease, approximately three quarters are ranked in excellent condition with the remaining ranked in good condition. Repair requirements, illustrated in Figure 9, show 4.8 miles of sidewalk as requiring no repair at all, over half of which are concrete. Sidewalks requiring 50% repair or greater only surmount to .34 miles of sidewalk in the area.

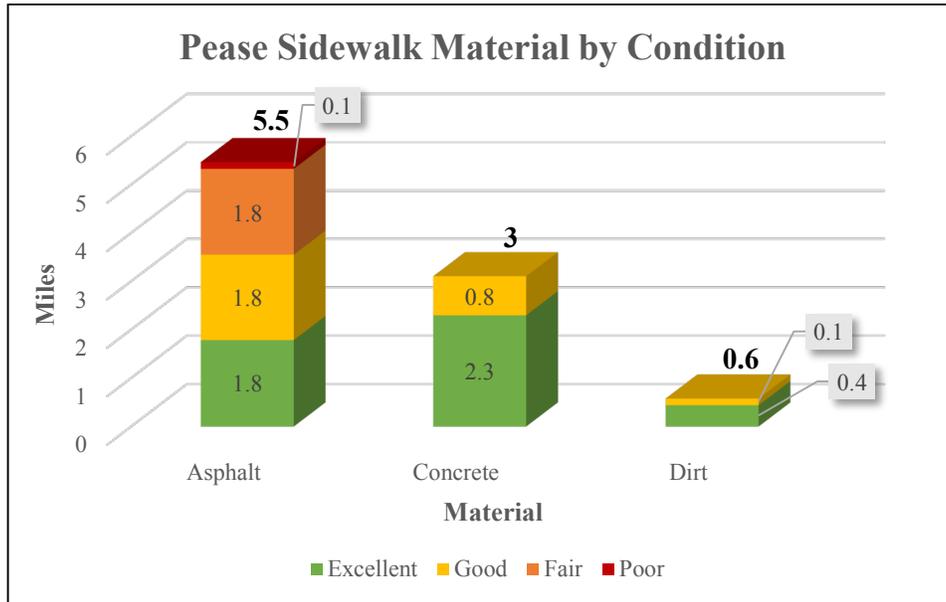


Figure 8 Pease sidewalk material by miles of conditional ranking.

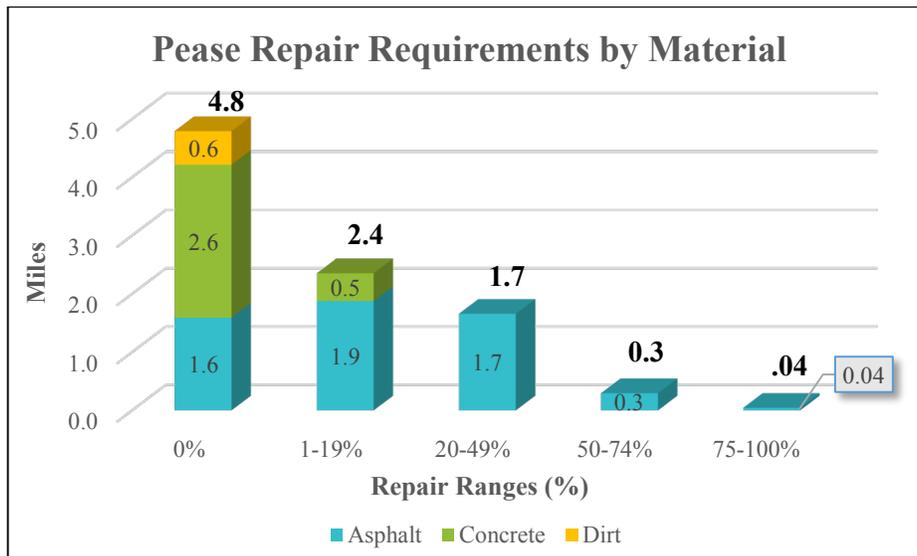


Figure 9 Pease percent repair requirements by miles of material type.

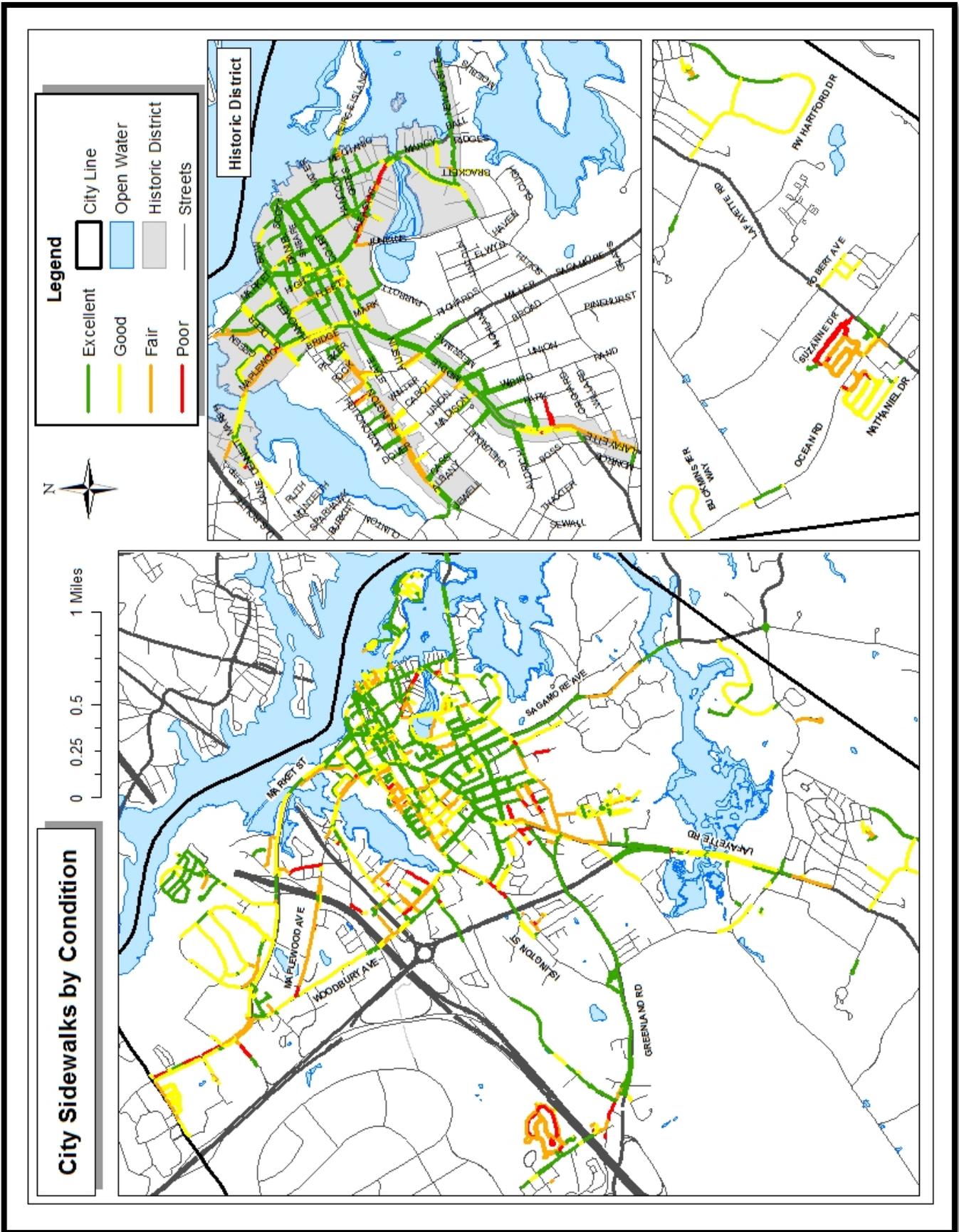
Lengths of sidewalk segments were organized by what street they were located on, their corresponding material type, and condition, as seen in Appendices A, B, and C. Appendices D, E, and F provide examples of the four conditional rankings for concrete, asphalt, and brick sidewalks.

Data Analysis

A series of maps were created in order to develop a better understanding of trends throughout the City regarding sidewalk conditions, materials, and overall usability. Separate maps were created for sidewalks within the Historic District and Pease International Tradeport. These maps provide a visual and spatial reference of areas throughout the City that have the potential to cause significant constraints on usability. Map 1 illustrates the conditional rankings of each sidewalk segment throughout the Non-Historic areas of the City, and, for those within the Historic District, outlined in grey. Although a majority of sidewalks are in excellent condition, certain areas are in need of greater attention. The majority of both Panaway Manor and Maple Haven residential areas sidewalks were consistently ranked as either poor or fair. Aside from these examples and a few other poor-rated segments, a large majority of sidewalks are in excellent or good condition. The materials of City sidewalk segments are shown in Map 2.

Similar to City sidewalks, the majority of Pease sidewalks were ranked as either excellent or good, as seen in Map 3, which shows sidewalk conditions and materials. Comparison of the condition and material maps for the three areas of the City show that sidewalks ranked as poor correlate with those having asphalt material. Further, sidewalks ranked in excellent condition were found to correlate with concrete or brick sidewalks.

Map 1



Pease International Tradeport

0 0.5 1 2 Miles

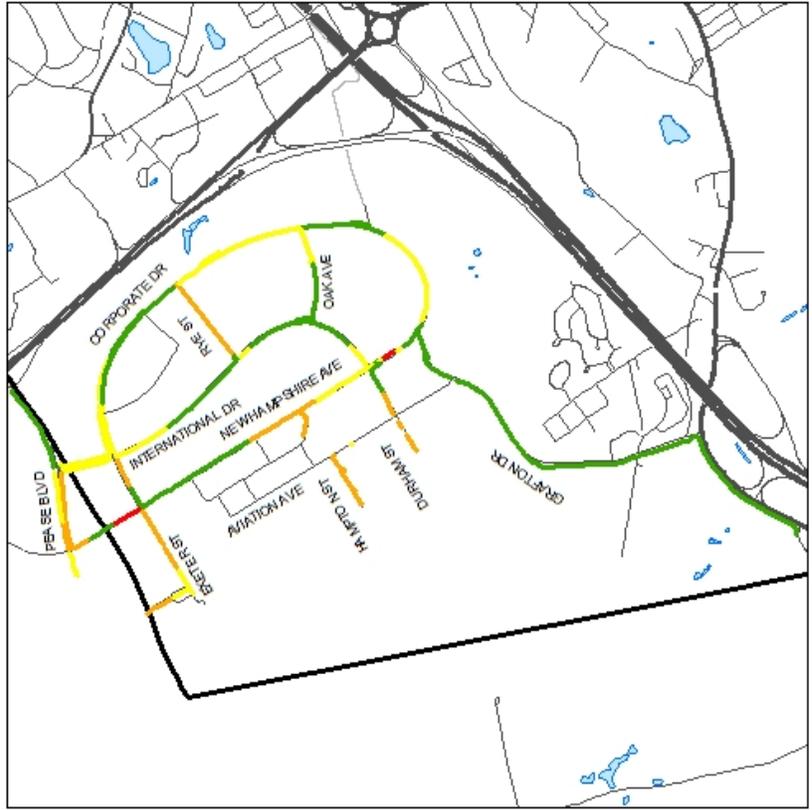
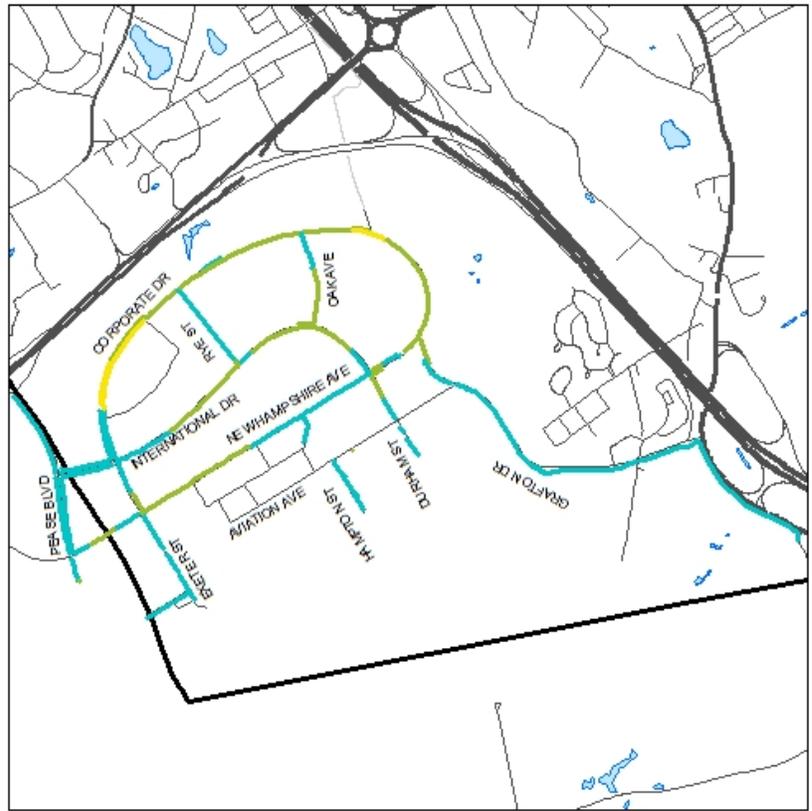


Condition

- Excellent (Green line)
- Good (Yellow line)
- Fair (Orange line)
- Poor (Red line)

Material

- Asphalt (Cyan line)
- Concrete (Green line)
- Dirt (Yellow line)
- City Line (Black outline)
- Open Water (Blue area)
- Streets (Thin black line)



Budget Analysis

A budget was estimated outlining approximate costs for repairing or replacing existing sidewalks throughout the City, a summary of which can be seen in Table 2. Calculations were based on a number of factors. City policy mandates that sidewalks within the Historic District be constructed from brick while new sidewalks to be established outside the Historic District be installed as concrete. Calculations and cost estimates reflect these criteria. Estimates for the Historic District also include partial reconstruction for any brick sidewalks requiring 35% repair or less, while sidewalks requiring 40% repair or greater incorporate full replacement costs. The same criteria were used in calculating spot repair and full replacement costs for concrete sidewalks. The cost to widen sidewalks to the City standard of 5 feet was also incorporated into the budget for sidewalks already in disrepair requiring full replacement. Material and widening costs, outlined in Table 3, were used in the estimations. Calculations based on these criteria estimate it will cost the City of Portsmouth approximately \$5.7 million to repair or replace sidewalks throughout the Non-Historic and Historic District ranked poor or fair with the appropriate materials and width.

Table 2 Repair/replacement cost estimations for sidewalks in Non-Historic and Historic areas of the City

	City	Historic	Total
Asphalt	4,157,757	880,120	5,037,877
Concrete	77,080	328,581	405,661
Brick	56,284	152,494	208,778
Composite	45,272	46,295	91,567
Stone		11,885	11,885
Pavers	2,302		2,302
Total	4,338,695	1,419,375	5,758,070

Table 3 Material, replacement, and widening costs used in budget calculations

	Removal Costs / Sq.ft.	Widening Costs / Sq.ft.	Material Costs / Sq.ft.
Asphalt	\$2.00	\$5.00	\$6.50
Concrete	\$4.00	\$5.00	\$10.00
Brick	\$3.00	\$5.00	\$14.00
Composite	\$4.00	\$5.00	
Stone	\$3.00	\$5.00	
Pavers	\$4.00	\$5.00	

Calculations for replacement and spot repair were completed for the entire data set, where applicable. Information was placed in a pivot table using Excel Office where it can be sorted and filtered based on individual project requirements.

Conclusion

The City of Portsmouth Department of Public Works created and conducted a conditional sidewalk assessment of City maintained sidewalks. The assessment provides the City with an updated GIS layer of sidewalk centerlines consisting of observed and estimated attributes. Results from the assessment showed that for each of the three areas of the City, the majority of sidewalks were ranked as either in excellent or good overall condition with a large majority of each requiring no repair. Through comparison of the condition and material maps, sidewalks ranked as poor consistently correlated with asphalt material while those ranked as excellent correlated with concrete or brick material. The budget analysis estimated it would cost the City approximately \$5.7 million to repair or replace poor and fair rated sidewalks within the Historic District and Non-Historic areas of the City. The results from the assessment give City staff a clear depiction of the overall conditions of the City's sidewalks. Data collected can also supplement future construction projects and cost analyses. Furthermore, it will help guide where work needs to, or could be done, thus aiding in infrastructure up keep.

Appendices

Appendix A – City Sidewalk Lengths (ft)

Street/Material	Excellent	Good	Fair	Poor	Total
ALBACORE WAY					708
concrete	708				708
ALDRICH RD					2652
concrete	2652				2652
ANDREW JARVIS DR					799
asphalt			799		799
ANNE AVE					368
asphalt		368			368
ARTHUR F BRADY DR					920
asphalt			169	479	648
concrete	273				273
ASH ST					433
concrete	433				433
AUSTIN ST	672	1075			1950
asphalt		723		202	926
brick	299				299
concrete	373	352			726
BARTLETT ST		916			2880
asphalt		644	1565	336	2545
concrete	64	192			256
dirt		79			79
BEDFORD WAY					374
asphalt			374		374
BLUE HERON DR					2208
asphalt		1853	355		2208
BORTHWICK AVE		545			3967
asphalt		106			106
concrete	3423	439			3861
BOSS AVE					625
asphalt			272		272
concrete	353				353
BRACKETT RD					221
concrete	221				221
BREWERY LN	289				576
asphalt	45				45
concrete	245	287			531
BREWSTER ST					259
asphalt			259		259

Street/Material	Excellent	Good	Fair	Poor	Total
BRIDGE ST	269				369
brick	199				199
concrete	70		100		170
BRIGHAM LN					436
concrete	436				436
BROAD ST					3464
concrete	1213	2251			3464
BUCKMINSTER WAY					3008
asphalt		3008			3008
BURKITT ST					97
asphalt		84			84
concrete	13				13
CABOT ST	120	661			780
brick	49	597			646
composite		63			63
concrete	71				71
CAMPUS DR					434
concrete	434				434
CARDINAL LN					112
asphalt	112				112
CASS ST					1522
concrete	1522				1522
CHASE DR					874
asphalt			874		874
CHATHAM ST		326			326
asphalt		42			42
concrete		284			284
CLINTON ST					747
asphalt			77	670	747
CLOUGH DR					1853
asphalt		1448			1448
concrete	404				404
COAKLEY RD					217
concrete	217				217
COLONIAL DR					7337
asphalt			4618	2381	6999
concrete	338				338
COLUMBIA CT					23
asphalt		23			23
COLUMBIA ST					543
asphalt		347	196		543

Street/Material	Excellent	Good	Fair	Poor	Total
COMMERCE WAY					400
asphalt		400			400
CONCORD WAY					1252
concrete	1252				1252
CORNWALL ST					132
concrete	132				132
COTTAGE ST	1210				1361
asphalt				84	84
concrete	1181	66			1247
dirt	29				29
CRESCENT WAY					1094
concrete	339	755			1094
CUTTS ST					881
asphalt				881	881
DECATUR RD					1754
asphalt			1754		1754
DENISE ST					1592
asphalt		1592			1592
DENNETT ST					2419
concrete	881	1538			2419
DOVER ST					87
concrete	87				87
DUNLIN WAY					1048
asphalt	466	583			1048
DURGIN LN					748
asphalt		572	176		748
ECHO AVE					71
concrete	71				71
ELWYN AVE					2060
concrete	2060				2060
ELWYN RD					340
concrete	340				340
ESSEX AVE					96
concrete	96				96
FALKLAND PL					285
concrete	20	264			285
FILLMORE RD					313
asphalt		313			313
FRANKLIN DR					643
asphalt			643		643
FRENCHMAN'S LN					178
concrete	178				178

Street/Material	Excellent	Good	Fair	Poor	Total
FRIEND ST					131
concrete	131				131
FW HARTFORD DR					6879
asphalt	2534	4345			6879
GEORGES TER					434
asphalt			434		434
GOSLING RD		685			1851
asphalt		126	1165		1291
dirt		559			559
GOSPORT RD					2735
asphalt	176	2559			2735
GRANITE ST					1273
asphalt		168			168
concrete	1105				1105
GREENLAND RD			713		5331
asphalt			483	632	1115
composite			230		230
concrete	3986				3986
GREENLEAF AVE					1641
concrete		1641			1641
GREENSIDE AVE					89
concrete			89		89
GRIFFIN RD					211
asphalt		138			138
concrete	72				72
HALL CT					320
asphalt			320		320
HANOVER ST		666			1664
asphalt		142	728	270	1140
concrete		479			479
stone		45			45
HAVEN RD					1143
concrete	1143				1143
HAWTHORNE ST	496				496
brick	82				82
concrete	414				414
HIGHLAND ST					1273
concrete	910	363			1273
HOOVER DR					774
asphalt		774			774

Street/Material	Excellent	Good	Fair	Poor	Total
ISLINGTON ST		2204		1299	4773
asphalt		2037	92	999	3128
concrete	1178	168		300	1645
JOAN AVE					453
asphalt		453			453
JUNKINS AVE					2217
asphalt		1894	323		2217
KEARSARGE WAY		1965			2910
asphalt		1540			1540
concrete	945	425			1370
KENSINGTON RD					464
asphalt		254			254
concrete				210	210
KENT ST					828
concrete	828				828
LAFAYETTE RD	6204				13862
asphalt	312	4972	2677	9	7970
concrete	5892				
LANGDON ST					64
asphalt			64		64
LAUREL CT					941
concrete	941				941
LAWRENCE ST					329
asphalt				329	329
LEDGEWOOD DR					352
concrete	352				352
LINCOLN AVE					5649
concrete	4908	741			5649
LONGMEADOW RD					286
concrete	286				286
LOVELL ST					303
concrete	303				303
MADISON ST					375
asphalt		375			375
MAPLEWOOD AVE				373	4294
asphalt	170	574	3178	258	4180
concrete				115	115
MARCY ST	184				219
brick	26				26
concrete	158	35			193
MARIETTE DR					4835
asphalt		3797	565	474	4835

Street/Material	Excellent	Good	Fair	Poor	Total
MARKET ST	2006	6487	1006		9499
asphalt	641	5023	807		6470
brick	54		119		173
composite		17			17
concrete	1310	1448			2758
dirt			81		81
MASON AVE					1138
asphalt			1138		1138
MCDONOUGH ST			559		2082
asphalt			559		559
concrete	1524				1524
MELBOURNE ST					413
asphalt			370	44	413
MENDUM AVE				37	37
asphalt				37	37
MERRIMAC ST					827
concrete	827				827
MICHAEL SUCCI DR					198
asphalt			198		198
MIDDLE RD					5020
concrete	5020				5020
MILLER AVE					3125
concrete	3125				3125
MIRONA RD	385				385
asphalt	220				220
concrete	165				165
MONROE ST					296
asphalt			255		255
concrete	40				40
MYRTLE AVE					435
asphalt				435	435
NATHANIEL DR					1457
concrete		1457			1457
NEW CASTLE AVE					1804
asphalt		123			123
concrete	1682				1682
NEW HAMPSHIRE AVE					72
asphalt			72		72
OAKWOOD DR					940
asphalt			940		940

Street/Material	Excellent	Good	Fair	Poor	Total
OCEAN RD		893			2136
asphalt		547	477		1024
concrete	766	346			1112
ODIORNE POINT RD					3277
asphalt	1718	1559			3277
ORCHARD ST		78			580
asphalt			333	169	503
brick		46			46
concrete		32			32
OSPREY DR					1876
asphalt		1876			1876
PAMELA ST					949
asphalt			949		949
PARK ST					634
concrete	634				634
PARROTT AVE	1672	1966	780		4418
asphalt	227	967	681		1875
brick	41				41
concrete	1403	222	99		1724
dirt		237			237
stone dust		541			541
PATRICIA DR					27
concrete		27			27
PEARL ST					275
asphalt			106	169	275
PEIRCE ISLAND RD					786
concrete	63	723			786
PEVERLY HILL RD					1771
concrete	368	1403			1771
PINE ST					712
asphalt		712			712
PINEHURST RD					383
asphalt				383	383
PLAINS AVE					422
concrete	422				422
PORPOISE WAY					553
concrete	553				553
PORTSMOUTH BLVD					2151
asphalt		2012			2012
dirt	140				140
PREBLE WAY					426
concrete	426				426

Street/Material	Excellent	Good	Fair	Poor	Total
RALEIGH WAY					1223
concrete	1223				1223
RANGER WAY					750
concrete	750				750
RICCI AVE					388
asphalt		388			388
RICHARDS AVE					3443
concrete	3443				3443
ROBERT AVE					907
asphalt		907			907
ROCK ST					225
asphalt			138	87	225
ROCKINGHAM AVE					154
concrete	154				154
ROCKLAND ST					1922
concrete	1922				1922
ROGERS ST					155
concrete	155				155
RUTLAND ST					58
asphalt			58		58
RYE TRAFFIC CIRCLE - SAGAMORE AVE					443
concrete	443				443
SAGAMORE AVE					5291
asphalt			1626		1626
concrete	3664				3664
SANDERLING WAY					663
asphalt		618			618
concrete	46				46
SARATOGA WAY					682
concrete	382	300			682
SCHURMAN AVE					228
asphalt			228		228
SHEARWATER DR					1181
asphalt		166	1014		1181
SHEFFIELD RD					219
asphalt		42	177		219
SHERBURNE AVE					1329
concrete	786	543			1329
SHERBURNE RD					3165
asphalt			300		300
composite			199		199
concrete	2404	462	101		2865

Street/Material	Excellent	Good	Fair	Poor	Total
SIMONDS RD					1637
asphalt			1469	168	1637
SOUTH ST		1931			5347
asphalt		1874	2476	127	4477
brick		57			57
concrete	813				813
SPARHAWK ST			769		769
asphalt			769		769
SPINNAKER WAY					3325
concrete	42	3283			3325
SPRING ST					170
concrete	170				170
STARK ST			387		831
asphalt			82		82
composite			305		305
concrete	359	85			444
STATE ST	561	1339	885		2785
asphalt		657	441		1098
brick	438	474	444		1356
concrete	123	208			331
STAYSAIL WAY		197			764
asphalt		43			43
concrete	566	154			720
SUDBURY ST			235		333
asphalt			105	99	203
brick			130		130
SUMMER ST		234			798
asphalt		221	362		583
brick		13			13
concrete	202				202
SUMMIT AVE					553
asphalt			553		553
SUNSET DR					828
asphalt		828			828
SUZANNE DR					7309
asphalt			3798	3511	7309
TAFT RD					699
asphalt		699			699
TANNER ST					44
asphalt			44		44
THAXTER RD					1321
concrete	116	1205			1321

Street/Material	Excellent	Good	Fair	Poor	Total
THORNTON ST					1397
asphalt		164	1211	21	1397
TJ GAMESTER AVE					915
asphalt		915			915
UNION ST	2491		877		3887
asphalt		519	809		1328
brick	135		68		203
concrete	2355				2355
VICTORY RD					125
asphalt		73	52		125
WALLIS RD					1504
asphalt			1504		1504
WARD PL					24
concrete	24				24
WEALD RD					655
asphalt		655			655
WEDGEWOOD RD					2635
asphalt		2635			2635
WHIPPLE CT					432
asphalt				432	432
WIBIRD ST	2454				2454
brick	57				57
concrete	2397				2397
WILLARD AVE			1354		1801
asphalt			1177	448	1625
brick			45		45
concrete			92		92
pavers			39		39
WILSON RD					93
asphalt		93			93
WINCHESTER ST					157
concrete	157				157
WINSOR RD					660
asphalt		660			660
WINTER ST					332
concrete		332			332
WOODBURY AVE		7052			14040
asphalt		3401	2872	1548	7821
concrete	2569	3651			6220
WORTHEN RD					99
asphalt		99			99
Grand Total	95,417	93,617	52,150	16,306	257,490

Appendix B – Pease Sidewalk Lengths (ft)

Street/Material	Excellent	Good	Fair	Poor	Total
AIRLINE AVE					745
asphalt		280	465		745
AVIATION AVE					24
concrete		24			24
CORPORATE DR	5773	6966			12969
asphalt		2032		230	2262
concrete	3459	4209			7667
dirt	2315	725			3040
DURHAM ST					1274
asphalt			824		824
concrete	450				450
EXETER ST					1550
asphalt		493	1057		1550
GRAFTON DR	8346				8346
asphalt	7868				7868
concrete	478				478
HAMPTON ST					1032
asphalt			1032		1032
INTERNATIONAL DR					7366
asphalt		3553			3553
concrete	3813				3813
MANCHESTER SQ					916
asphalt			518		518
concrete	398				398
NEW HAMPSHIRE AVE					5750
asphalt		1068	1628	505	3201
concrete	2549				2549
OAK AVE					1589
asphalt		654			654
concrete	935				935
PEASE BLVD		1279			4622
asphalt	1541	1253	1802		4597
concrete		25			25
ROCHESTER AVE					485
asphalt			485		485
RYE ST					1596
asphalt			1559		1559
concrete	37				37
Grand Total	23,842	14,317	9,370	735	48,264

Appendix C – Historic District Sidewalk Lengths (ft)

Street/Material	Excellent	Good	Fair	Poor	Total
ALDRICH RD					938
concrete	938				938
ATKINSON ST					302
brick	302				302
AUSTIN ST					505
brick	63	442			505
BARTLETT ST					365
concrete	365				365
BOW ST	1121	257			1378
asphalt		73			73
brick	1105	184			1289
concrete	16				16
BRACKETT RD					550
asphalt		550			550
BREWSTER ST					474
asphalt			474		474
BRIDGE ST					1104
concrete	99	332	672		1104
CABOT ST					2111
brick		1011	484		1495
concrete	616				616
CASS ST					1254
concrete	1254				1254
CERES ST	372				372
brick	303				303
concrete	69				69
CHAPEL ST					426
brick	426				426
CHAUNCEY ST					577
concrete	577				577
CHESTNUT ST					315
brick	315				315
CHURCH ST					363
brick	335	28			363
COLUMBIA ST					221
asphalt		221			221
COMMERCIAL ALY					193
brick	193				193
CONGRESS ST					1498
brick	1498				1498

Street/Material	Excellent	Good	Fair	Poor	Total
CORNWALL ST					309
concrete	309				309
COURT PL					302
asphalt		152			152
concrete			150		150
COURT ST		1203			4068
brick	2864	958			3823
concrete		245			245
DANIEL ST	1668				1873
brick	1620				1620
concrete	48	205			252
DEER ST		1679			2283
asphalt		325			325
brick	603	125			729
concrete		1229			1229
DENNETT ST					1434
concrete	337	1097			1434
DOVER ST					340
concrete	340				340
DUTTON AVE	396				396
brick	369				369
concrete	28				28
FLEET ST		746	592		1511
asphalt		36			36
brick	173	37	93		303
concrete		673	473		1146
stone			27		27
GARDNER ST					283
brick	283				283
GATES ST					932
brick	932				932
GREEN ST					170
brick	170				170
HANCOCK ST					1130
brick	1130				1130
HANOVER ST		715			2210
brick	1402	157			1559
concrete		558	93		651
HIGH ST		702			1195
brick	493	349			841
concrete		353			353
HIGHLAND ST					402
concrete	402				402

Street/Material	Excellent	Good	Fair	Poor	Total
HUMPHREY'S CT					400
asphalt		339			339
concrete			61		61
ISLINGTON ST	997	1225	3563		5785
asphalt	200	860	3236		4296
brick	194	35	53		282
composite			273		273
concrete	604	330			934
JUNKINS AVE					257
asphalt			257		257
LADD ST					432
brick	432				432
LAFAYETTE RD					1357
asphalt		351	1005		1357
LANGDON ST			286		618
asphalt		101	79		181
brick			207	231	438
LINCOLN AVE	652				652
brick	41				41
concrete	611				611
LIVERMORE ST					224
asphalt				35	35
brick	56	133			189
MADISON ST	332				859
asphalt		488			488
brick	67		38		105
concrete	265				265
MANNING ST					45
brick	45				45
MAPLEWOOD AVE	601	2248	1834		4803
asphalt		44	1530	120	1694
brick	373				373
concrete	228	2204	303		2735
MARCY ST	3204	227			3431
asphalt		161			161
brick	3127				3127
concrete	76				76
stone		65			65
MARK ST					219
brick			219		219
MARKET SQ					318
brick	106	211			318

Street/Material	Excellent	Good	Fair	Poor	Total
MARKET ST	2429				2429
brick	1988				1988
concrete	441				441
MECHANIC ST					470
asphalt			157		157
brick	312				312
MENDUM AVE					667
asphalt				667	667
MIDDLE RD					150
concrete	150				150
MIDDLE ST		1648	274		8080
asphalt		179	95	44	318
brick	6113	497	179		6789
concrete		905			905
stone		67			67
MILLER AVE					1134
concrete	1134				1134
NEW CASTLE AVE	2184				2184
brick	932				932
concrete	1252				1252
PARK ST					553
concrete	553				553
PARKER ST					186
brick	186				186
PARROTT AVE					310
concrete	310				310
PEIRCE ISLAND RD					657
asphalt		483			483
brick	175				175
PENHALLOW ST		346			1104
asphalt		221	91		311
brick	667	125			792
PLEASANT ST		1038	418	1199	4526
asphalt		140	84	523	747
brick	1871	864	284	588	3608
concrete		34	50		84
stone				88	88
PORTER ST					891
brick	823		68		891
PORTWALK PL					821
brick	821				821
PROSPECT ST					102
asphalt		102			102

Street/Material	Excellent	Good	Fair	Poor	Total
RAYNES AVE					390
concrete	173	217			390
RICHARDS AVE					1359
brick	1359				1359
ROCK ST					237
asphalt			237		237
ROCKINGHAM AVE					307
concrete	307				307
ROGERS ST					708
brick	708				708
RUSSELL ST					1263
concrete	471		792		1263
SALEM ST					590
concrete	590				590
SCOTT AVE	223				223
brick	200				200
concrete	22				22
SOUTH MILL ST					32
brick	32				32
SOUTH SCHOOL ST					105
brick	43				43
concrete		61			61
SOUTH ST	1315				2500
brick	1127	1185			2312
concrete	188				188
STATE ST	5847				5856
asphalt	72	9			81
brick	5734				5734
concrete	41				41
SUMMER ST					1170
asphalt		652	480		1132
brick	38				38
TANNER CT					171
brick	171				171
TANNER ST					194
brick	194				194
UNION ST					1519
asphalt			145		145
brick		740			740
concrete	635				635

Street/Material	Excellent	Good	Fair	Poor	Total
VAUGHAN ST					1240
brick	609				609
concrete		631			631
WALKER ST					23
concrete				23	23
WASHINGTON ST					1616
asphalt			81		81
brick	1227				1227
stone		308			308
WIBIRD ST	1158				1158
brick	113				113
concrete	1045				1045
WILLARD AVE					171
asphalt			171		171
Grand Total	59,233	22,083	12,644	2,319	96,279

Appendix D – Concrete Conditional Ranking Examples



Excellent



Good



Fair



Poor

Appendix E– Asphalt Conditional Ranking Examples



Excellent



Good



Fair



Poor

Appendix F – Brick Conditional Ranking Examples



Excellent



Good



Fair



Poor

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Appendix VII: Ward Maps

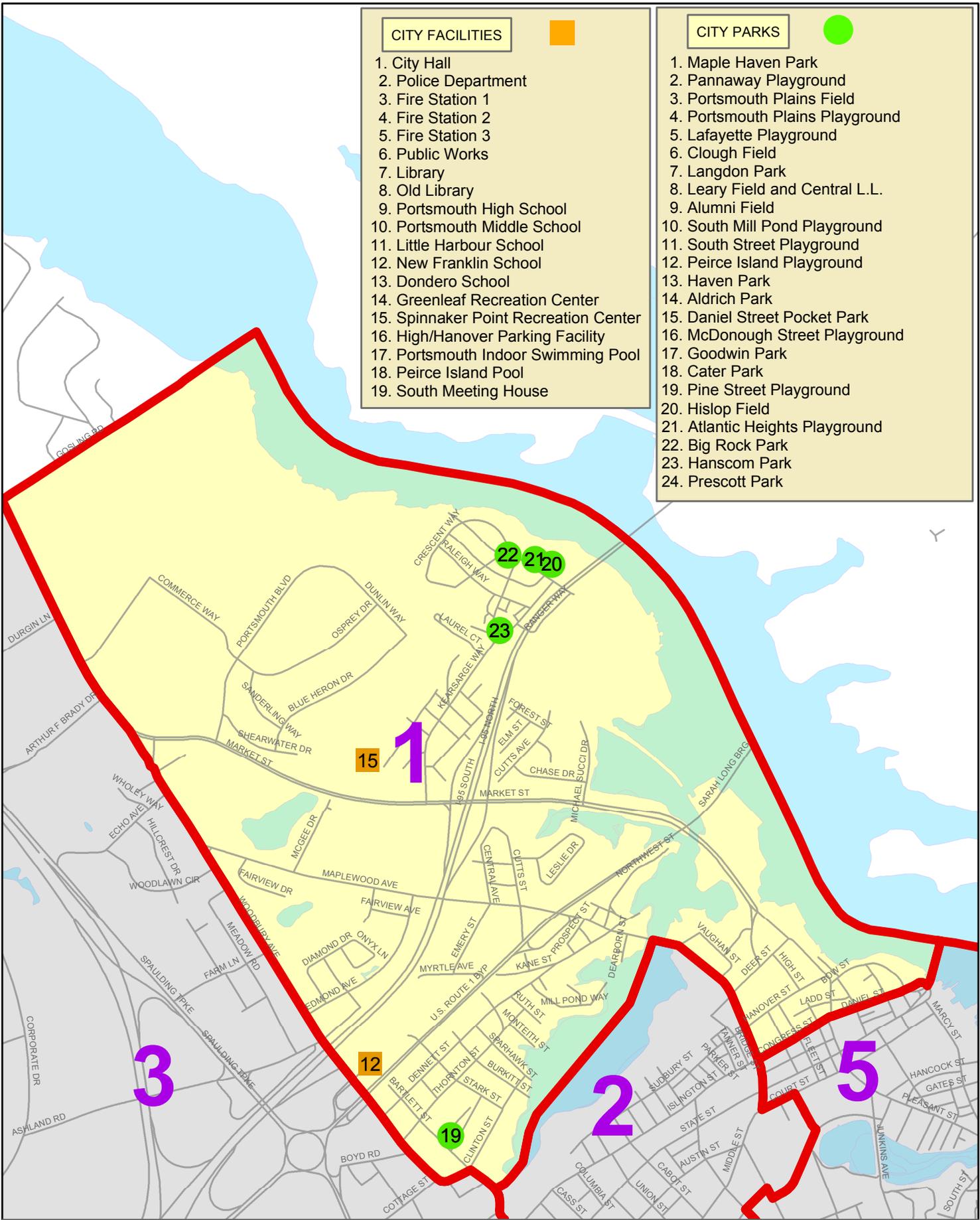


Ward 1

- ✓ Parks and Facilities Map
- ✓ Street Listings
- ✓ Water and Sewer Facilities Map

- CITY FACILITIES** ■
1. City Hall
 2. Police Department
 3. Fire Station 1
 4. Fire Station 2
 5. Fire Station 3
 6. Public Works
 7. Library
 8. Old Library
 9. Portsmouth High School
 10. Portsmouth Middle School
 11. Little Harbour School
 12. New Franklin School
 13. Dondero School
 14. Greenleaf Recreation Center
 15. Spinnaker Point Recreation Center
 16. High/Hanover Parking Facility
 17. Portsmouth Indoor Swimming Pool
 18. Peirce Island Pool
 19. South Meeting House

- CITY PARKS** ●
1. Maple Haven Park
 2. Pannaway Playground
 3. Portsmouth Plains Field
 4. Portsmouth Plains Playground
 5. Lafayette Playground
 6. Clough Field
 7. Langdon Park
 8. Leary Field and Central L.L.
 9. Alumni Field
 10. South Mill Pond Playground
 11. South Street Playground
 12. Peirce Island Playground
 13. Haven Park
 14. Aldrich Park
 15. Daniel Street Pocket Park
 16. McDonough Street Playground
 17. Goodwin Park
 18. Cater Park
 19. Pine Street Playground
 20. Hislop Field
 21. Atlantic Heights Playground
 22. Big Rock Park
 23. Hanscom Park
 24. Prescott Park



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0 0.25 Miles
 1 inch = 1,509 feet

Ward 1

Facilities and Parks Map

Map prepared by Portsmouth Department of Public Works 01/09/2018

WARD 1 STREETS

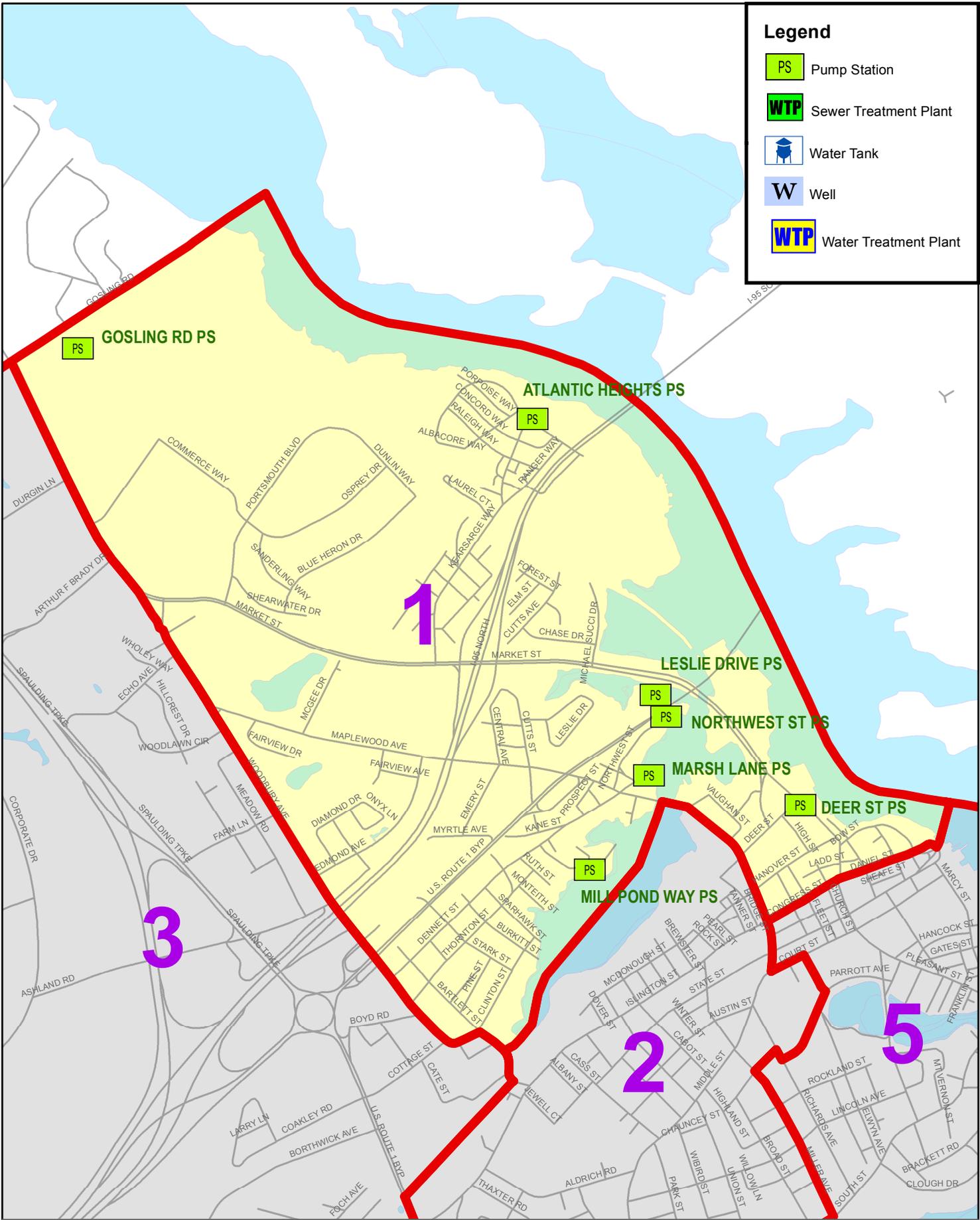
ALBACORE WAY
ALDER WAY
ASHLAND ST
BARTLETT ST
BEDFORD WAY
BEECHWOOD ST
BIRCH ST
BLUE HERON DR
BOW ST
BRIGHAM LN
BURKITT ST
CENTRAL AVE
CERES ST
CHAPEL CT
CHAPEL ST
CHASE DR
CLARK DR
CLINTON ST
COMMERCE WAY
COMMERCIAL ALY
CONCORD WAY
CONGRESS ST
CRESCENT WAY
CUTTS AVE
CUTTS ST
DANIEL ST
DEARBORN LN
DEARBORN ST
DEER ST
DENNETT ST
DIAMOND DR
DUNLIN WAY
EDMOND AVE
EMERY ST
FAIRVIEW AVE
FAIRVIEW DR
FALKLAND PL
FLEET ST
FOREST ST
FRANKLIN DR
GOSLING RD
GRANITE ST
GREEN ST
HANOVER ST
HAVEN CT
HIGH ST

HUNTERS HILL AVE
I-95 NORTH
I-95 SOUTH
JACKSON HILL ST
KANE ST
KEARSARGE WAY
LADD ST
LAUREL CT
LESLIE DR
MANGROVE ST
MAPLEWOOD AVE
MARKET SQ
MARKET ST
MARSH LN
MCGEE DR
MEREDITH WAY
MICHAEL SUCCI DR
MILL POND WAY
MONTEITH ST
MYRTLE AVE
NORTH SCHOOL ST
NORTHWEST ST
OAK ST
O'LEARY PL
ONYX LN
OPAL AVE
ORANGE ST
ORIENTAL GDNS
OSPREY DR
PENHALLOW ST
PINE ST
PORPOISE WAY
PORTSMOUTH BLVD
PORTWALK PL
PREBLE WAY
PROSPECT ST
RALEIGH WAY
RANGER WAY
RAYNES AVE
ROCKINGHAM AVE
RUBY RD
RUSSELL ST
RUTH ST
SANDERLING WAY
SAPPHIRE ST
SARATOGA WAY

SHEARWATER DR
SPARHAWK ST
SPINNAKER WAY
STARK ST
STAYSAIL WAY
THORNTON ST
TOPAZ PL
U.S. ROUTE 1 BYP
VAUGHAN MALL
VAUGHAN ST
WALKER ST
WHIPPLE ST
WOODBURY AVE

Legend

-  PS Pump Station
-  WTP Sewer Treatment Plant
-  Water Tank
-  Well
-  Water Treatment Plant



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Ward 1

Sewer and Water Facilities Map

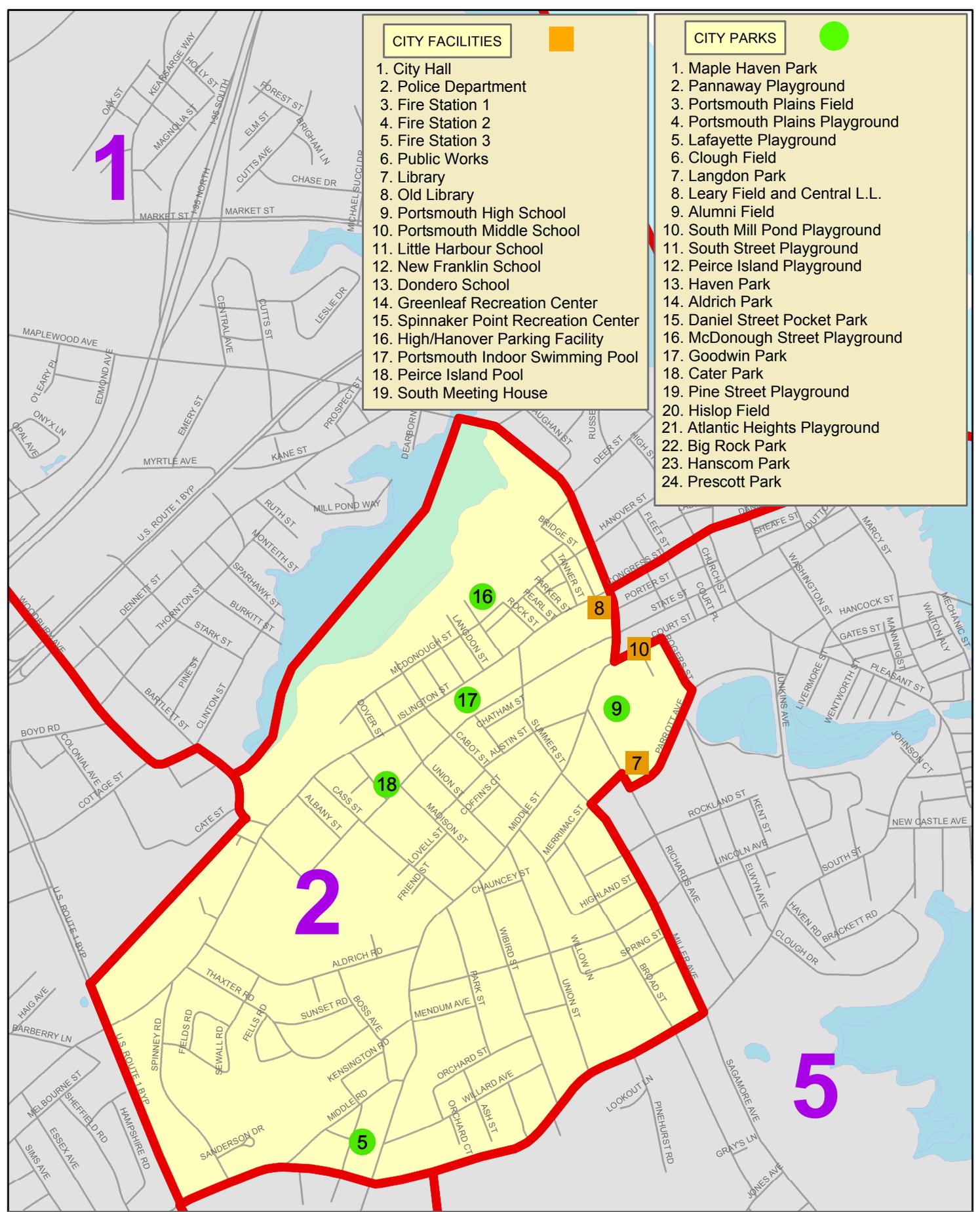
Map prepared by Portsmouth Department of Public Works 01/09/2018

Appendix VII: Ward Maps



Ward 2

- ✓ Parks and Facilities Map
- ✓ Street Listings
- ✓ Water and Sewer Facilities Map



- CITY FACILITIES** ■
1. City Hall
 2. Police Department
 3. Fire Station 1
 4. Fire Station 2
 5. Fire Station 3
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 8. Old Library
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 10. Portsmouth Middle School
 11. Little Harbour School
 12. New Franklin School
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 23. Hanscom Park
 24. Prescott Park

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0 0.25 Miles
 1 inch = 1,042 feet

Ward 2

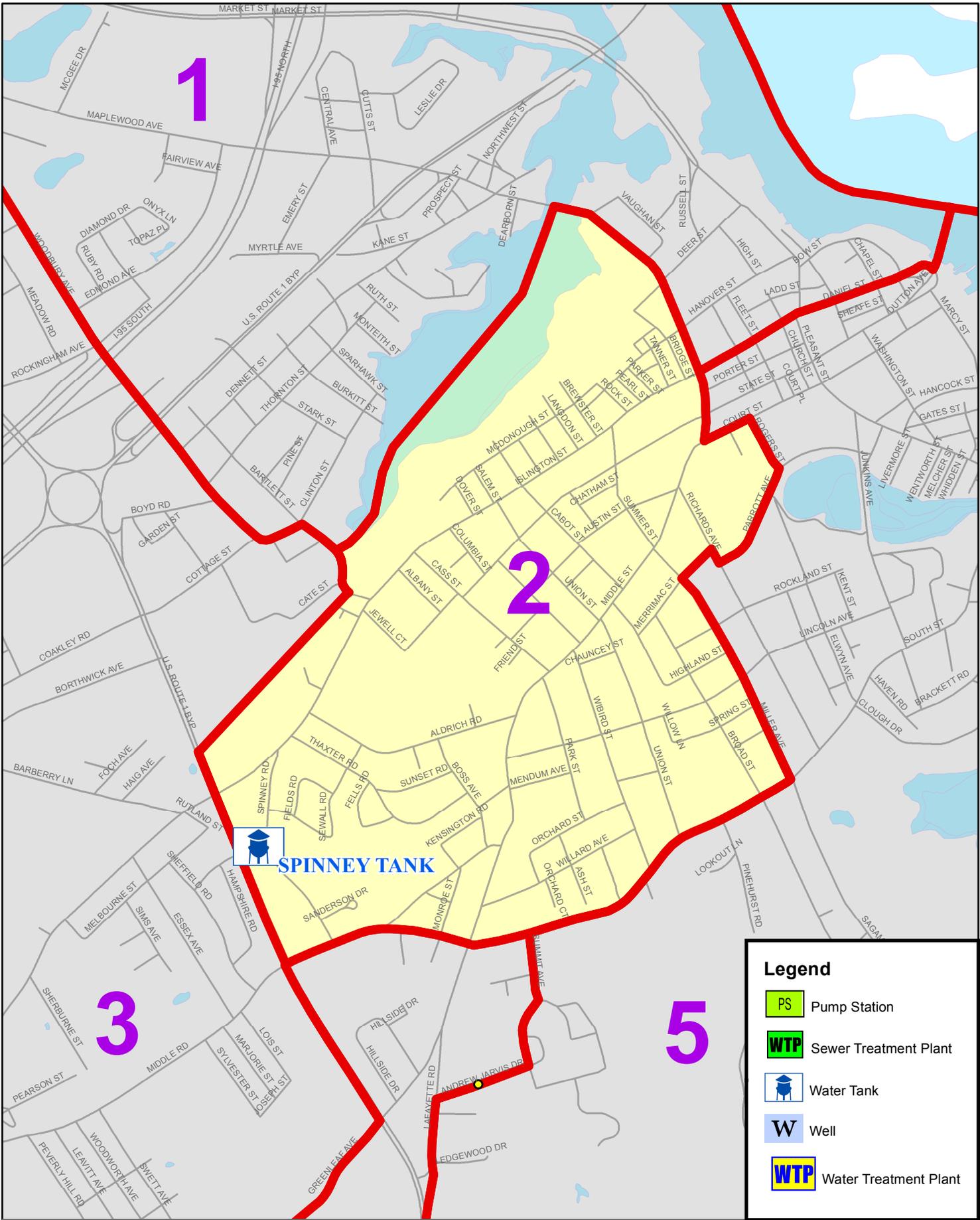
Facilities and Parks Map

Map prepared by Portsmouth Department of Public Works 01/09/2018

WARD 2 STREETS

ALBANY ST
ALDRICH CT
ALDRICH RD
ASH ST
AUSTIN ST
AUTUMN ST
BARTLETT ST
BERSUM LN
BOSS AVE
BREWERY LN
BREWSTER ST
BRIDGE ST
BROAD ST
CABOT ST
CASS ST
CHATHAM ST
CHAUNCEY ST
CHEVROLET AVE
COFFIN'S CT
COLUMBIA CT
COLUMBIA ST
CORNWALL ST
COURT ST
DEER ST
DOVER ST
ELM CT
FELLS RD
FIELDS RD
FOUNDRY PL
FRENCHMAN'S LN
FRIEND ST
HANOVER ST
HAWTHORNE ST
HIGHLAND ST
HILL ST
ISLINGTON ST
JEWELL CT
JOFFRE TER
KENSINGTON RD
LAFAYETTE RD
LANGDON ST
LAWRENCE ST
LINCOLN AVE
LOVELL ST
MADISON ST
MAPLEWOOD AVE

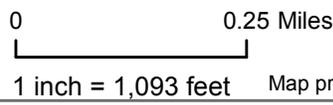
MARK ST
MARSTON AVE
MCDONOUGH ST
MENDUM AVE
MERRIMAC ST
MIDDLE RD
MIDDLE ST
MILLER AVE
MONROE ST
OLD PARISH WAY
ORCHARD CT
ORCHARD ST
PARK ST
PARKER ST
PARROTT AVE
PEARL ST
RICHARDS AVE
ROCK ST
ROCKINGHAM ST
ROCKLAND ST
ROGERS ST
SALEM ST
SANDERSON DR
SEWALL RD
SOUTH ST
SPINNEY RD
SPRING ST
STATE ST
SUDBURY ST
SUMMER ST
SUNSET RD
TANNER CT
TANNER ST
THAXTER RD
U.S. ROUTE 1 BYP
UNION ST
WARD PL
WIBIRD ST
WILLARD AVE
WILLOW LN
WINTER ST



Legend

-  Pump Station
-  Sewer Treatment Plant
-  Water Tank
-  Well
-  Water Treatment Plant

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Ward 2

Sewer and Water Facilities Map

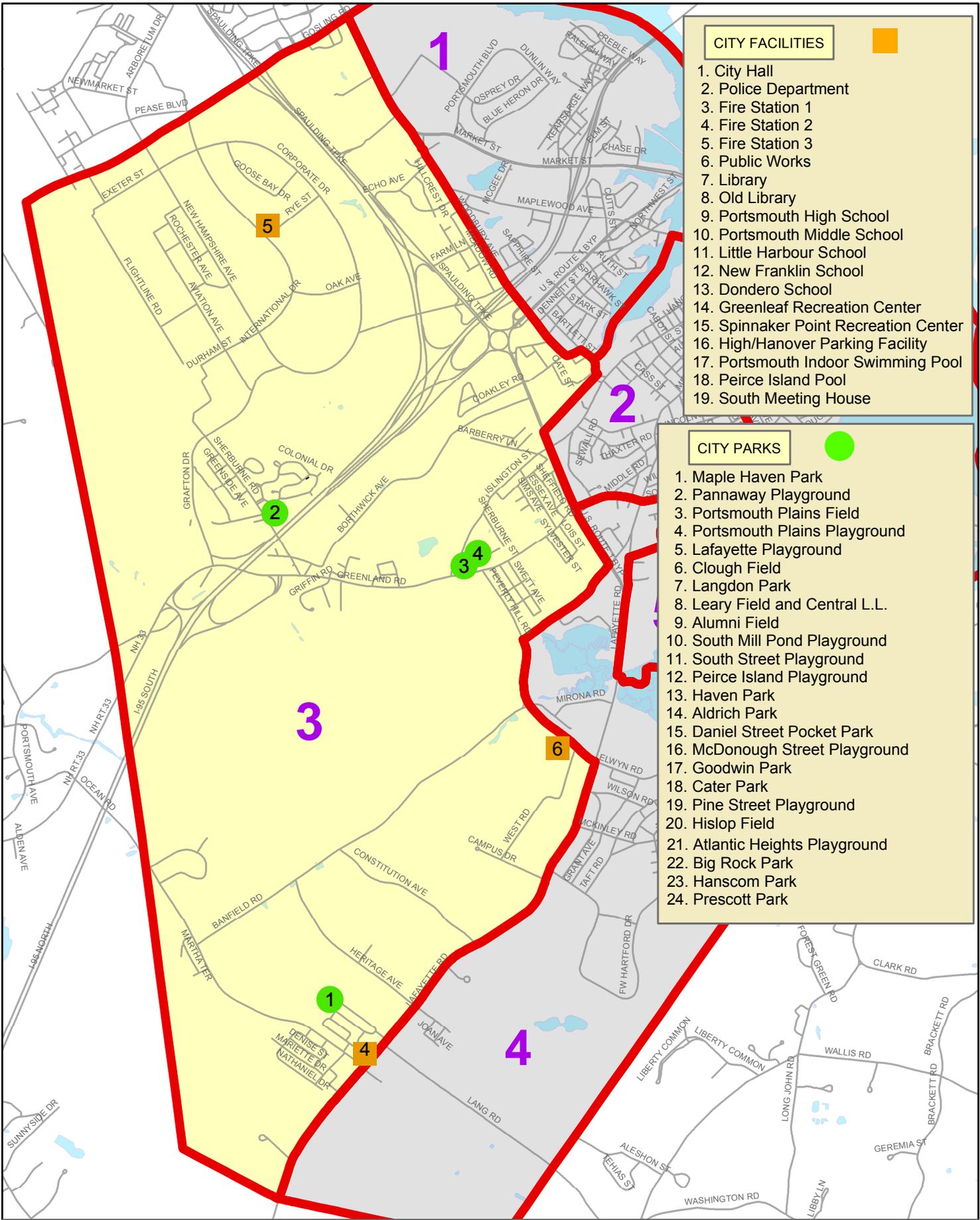
Map prepared by Portsmouth Department of Public Works 01/09/2018

Appendix VII: Ward Maps



Ward 3

- ✓ Parks and Facilities Map
- ✓ Street Listings
- ✓ Water and Sewer Facilities Map



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 2. Police Department
 3. Fire Station 1
 4. Fire Station 2
 5. Fire Station 3
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0 0.25 Miles
 1 inch = 3,030 feet

Ward 3

Facilities and Parks Map

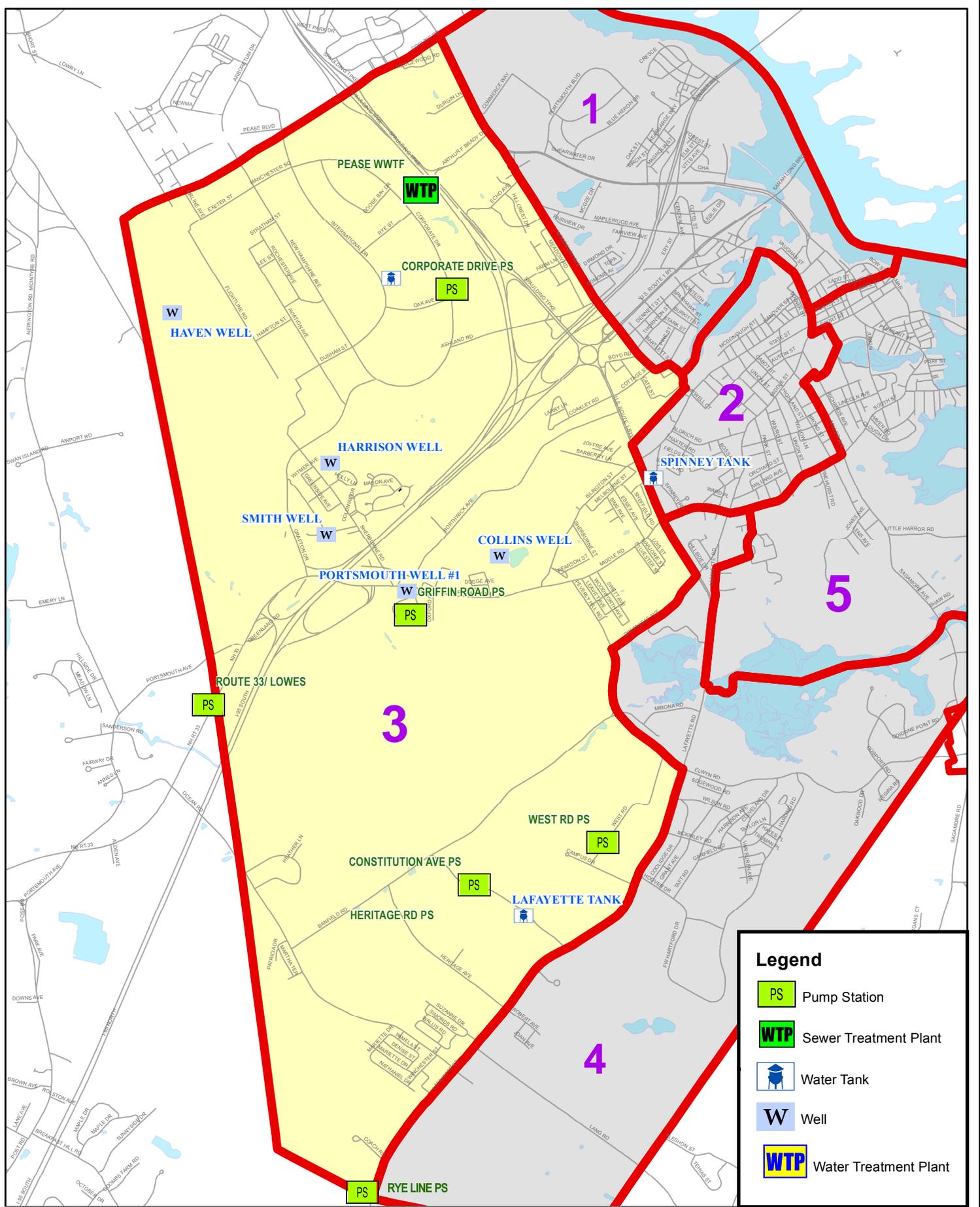
Map prepared by Portsmouth Department of Public Works 01/09/2018

WARD 3 STREETS

AIRLINE AVE
ARTHUR F BRADY DR
ASHLAND RD
AVIATION AVE
BANFIELD RD
BARBERRY LN
BARTLETT ST
BENSON ST
BORTHWICK AVE
BOYD RD
BUCKMINSTER WAY
BURGHART ST
BUS TRANSPORTATION CTR
CAMPUS DR
CARDINAL LN
CATE ST
CENTRE ST
CLOVER LN
COACH RD
COAKLEY RD
COLONIAL DR
CONSTITUTION AVE
CORPORATE DR
COTTAGE ST
COUNTRY CLUB RD
DAVIS RD
DECATUR RD
DENISE ST
DODGE AVE
DORIS AVE
DURGIN LN
DURHAM ST
ECHO AVE
ESSEX AVE
EXETER ST
FARM LN
FLETCHER ST
FOCH AVE
FREEDOM CIR
GARDEN ST
GEORGES TER
GOOSE BAY DR
GOSLING RD
GRAFTON DR
GREENLAND RD
GREENLEAF AVE

GREENSIDE AVE
GRIFFIN RD
HALL CT
HAMPSHIRE RD
HAMPTON ST
HARVARD ST
HEATHER LN
HERITAGE AVE
HIGHLINER AVE
HILLCREST DR
HODGDON LN
HOLLY LN
I-95 NORTH
I-95 SOUTH
INTERNATIONAL DR
ISLINGTON ST
LAFAYETTE RD
LARRY LN
LEAVITT AVE
LEE ST
LOIS ST
LONGMEADOW LN
MANCHESTER SQ
MANOR DR
MAPLE ST
MARIETTE DR
MARJORIE ST
MARTHA TER
MASON AVE
MCCLINTOCK AVE
MEADOW RD
MELBOURNE ST
MIDDLE RD
MOFFAT ST
MORNING ST
NATHANIEL DR
NEW HAMPSHIRE AVE
NEWFIELDS ST
NH 33
OAK AVE
OCEAN RD
OXFORD AVE
PAMELA ST
PARK & RIDE
PATRICIA DR
PEARSON ST

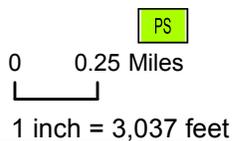
PEASE BLVD
PEVERLY HILL RD
PLAINS AVE
PORTSMOUTH TRAFFIC CIR
POST RD
PRINCETON ST
ROCHESTER AVE
ROCKINGHAM AVE
RUTLAND ST
RYE ST
SCHURMAN AVE
SHEFFIELD RD
SHERBURNE RD
SIMONDS RD
SIMS AVE
SNUG HARBOR AVE
SOMERSWORTH ST
SPAULDING TPKE
STRATHAM ST
SUTTON AVE
SUZANNE DR
SWETT AVE
SYLVESTER ST
U.S. ROUTE 1 BYP
VICTORY RD
VINE ST
WALLIS RD
WBBX RD
WEALD RD
WEATHERSTONE RD
WEDGEWOOD RD
WEST RD
WHIPPLE CT
WHOLEY WAY
WINCHESTER ST
WINSOR RD
WITMER AVE
WOODBURY AVE
WOODLAWN CIR
WOODWORTH AVE
WORTHEN RD



Legend

- PS Pump Station
- WTP Sewer Treatment Plant
- Water Tank
- W Well
- WTP Water Treatment Plant

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Ward 3

Sewer and Water Facilities Map

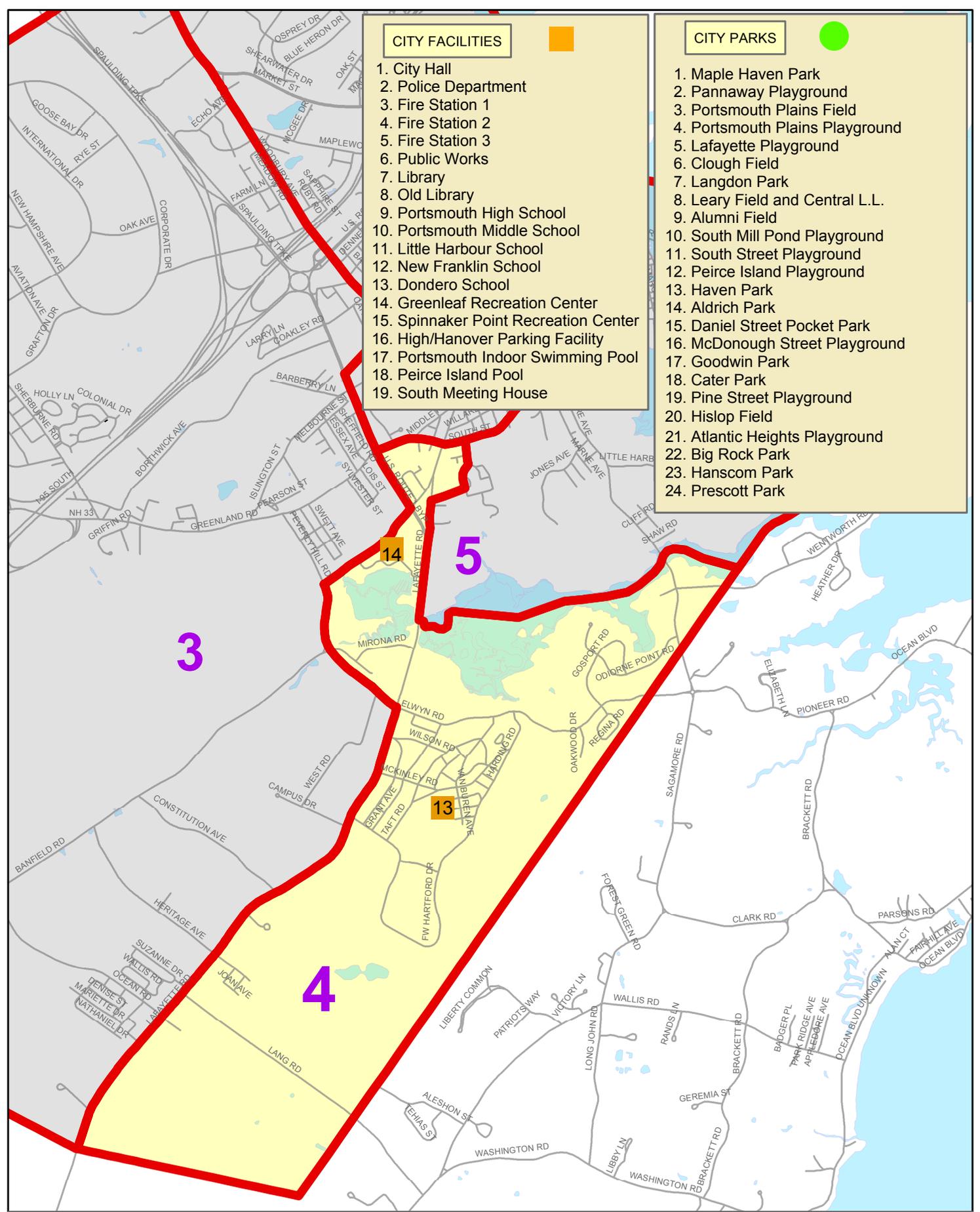
Map prepared by Portsmouth Department of Public Works 01/09/2018

Appendix VII: Ward Maps



Ward 4

- ✓ Parks and Facilities Map
- ✓ Street Listings
- ✓ Water and Sewer Facilities Map



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1. City Hall
 2. Police Department
 3. Fire Station 1
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 12. New Franklin School
 13. Dondero School
 14. Greenleaf Recreation Center
 15. Spinnaker Point Recreation Center
 16. High/Hanover Parking Facility
 17. Portsmouth Indoor Swimming Pool
 18. Peirce Island Pool
 19. South Meeting House

- CITY PARKS** ●
1. Maple Haven Park
 2. Pannaway Playground
 3. Portsmouth Plains Field
 4. Portsmouth Plains Playground
 5. Lafayette Playground
 6. Clough Field
 7. Langdon Park
 8. Leary Field and Central L.L.
 9. Alumni Field
 10. South Mill Pond Playground
 11. South Street Playground
 12. Peirce Island Playground
 13. Haven Park
 14. Aldrich Park
 15. Daniel Street Pocket Park
 16. McDonough Street Playground
 17. Goodwin Park
 18. Cater Park
 19. Pine Street Playground
 20. Hislop Field
 21. Atlantic Heights Playground
 22. Big Rock Park
 23. Hanscom Park
 24. Prescott Park

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0 0.25 Miles
 1 inch = 2,964 feet

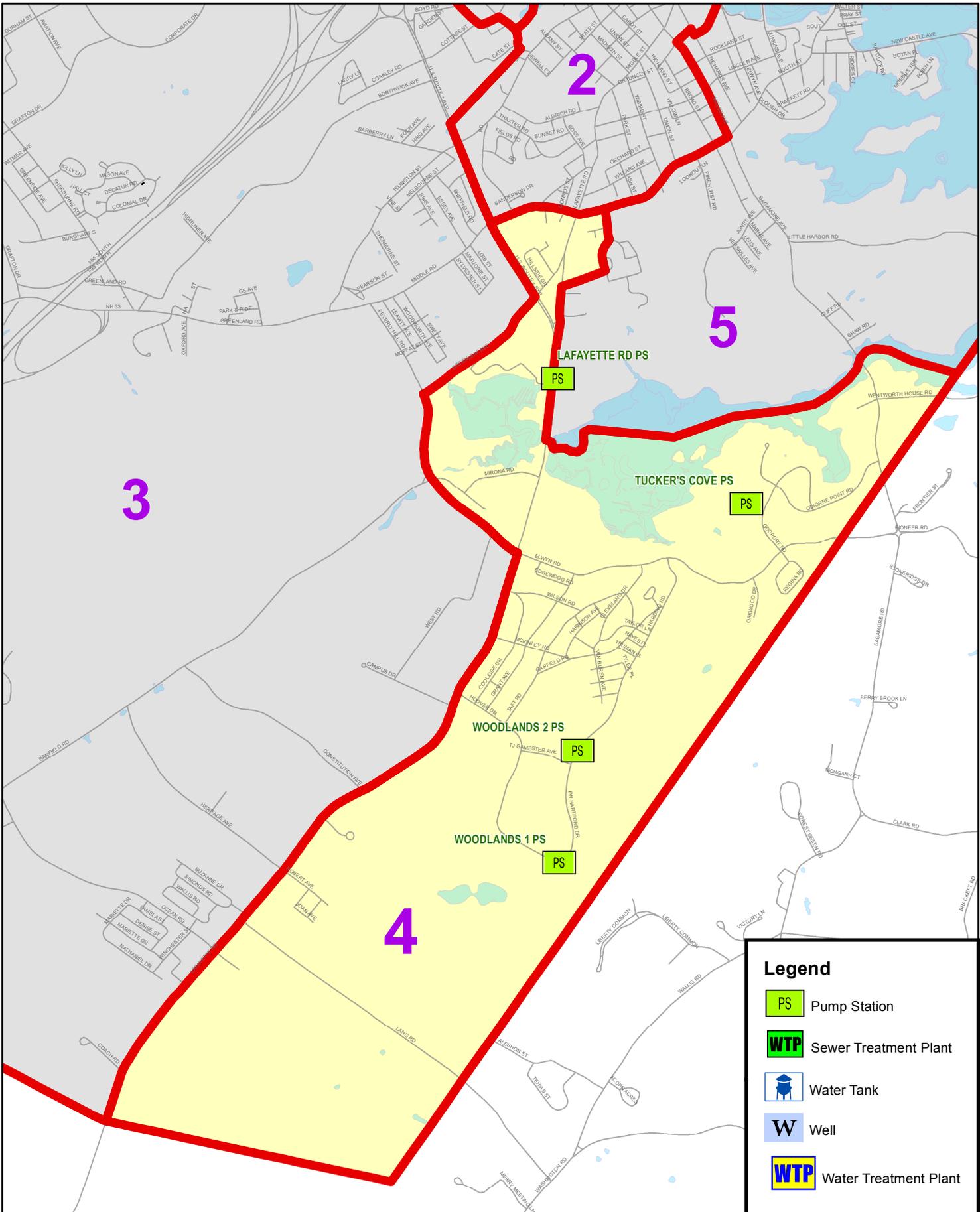
Ward 4

Facilities and Parks Map

Map prepared by Portsmouth Department of Public Works 01/09/2018

WARD 4 STREETS

ADAMS AVE
ANDREW JARVIS DR
ANNE AVE
ARTHUR RD
BEECHSTONE ST
BLUEFISH BLVD
CLEVELAND DR
CODFISH CORNER RD
COOLIDGE DR
DESFOSES AVE
DOLPHIN DR
DWIGHT AVE
EASTWOOD DR
EDGEWOOD RD
ELWYN RD
ELWYN RD EXT
FILLMORE RD
FW HARTFORD DR
GARFIELD RD
GOSPORT RD
GRANT AVE
GRANT WAY
GREENLEAF AVE
GREENLEAF WOODS DR
HARDING RD
HARRISON AVE
HAYES PL
HILLSIDE DR
HOLIDAY DR
HOOVER DR
JENKINS AVE
JOAN AVE
LAFAYETTE RD
LANG RD
LONGMEADOW RD
MACKEREL AVE
MCKINLEY RD
MIDDLE RD
MIRONA RD
MONROE ST EXT
NIXON PARK
OAKWOOD DR
OCTOPUS AVE
ODIORNE POINT RD
PEVERLY HILL RD
PHEASANT LN
PIERCE PL
POLK AVE
REGINA RD
RICCI AVE
ROBERT AVE
ROCKAWAY ST
SAGAMORE AVE
SAGAMORE GRV
SALMON AVE
SHERIDAN AVE
SOUTH ST
SPRINGBROOK CIR
SQUID ST
STONECROFT RD
STRIPED BASS AVE
SUMMIT AVE
TAFT RD
TAYLOR LN
TJ GAMESTER AVE
TRUMAN PL
TUNA TER
TYLER PL
U.S. ROUTE 1 BYP
unnamed
URCHIN AVE
VAN BUREN AVE
WENTWORTH HOUSE
RD
WHITE CEDAR BLVD
WILSON RD



Legend

-  Pump Station
-  Sewer Treatment Plant
-  Water Tank
-  Well
-  Water Treatment Plant

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0 0.25 Miles
 1 inch = 2,332 feet

Ward 4

Sewer and Water Facilities Map

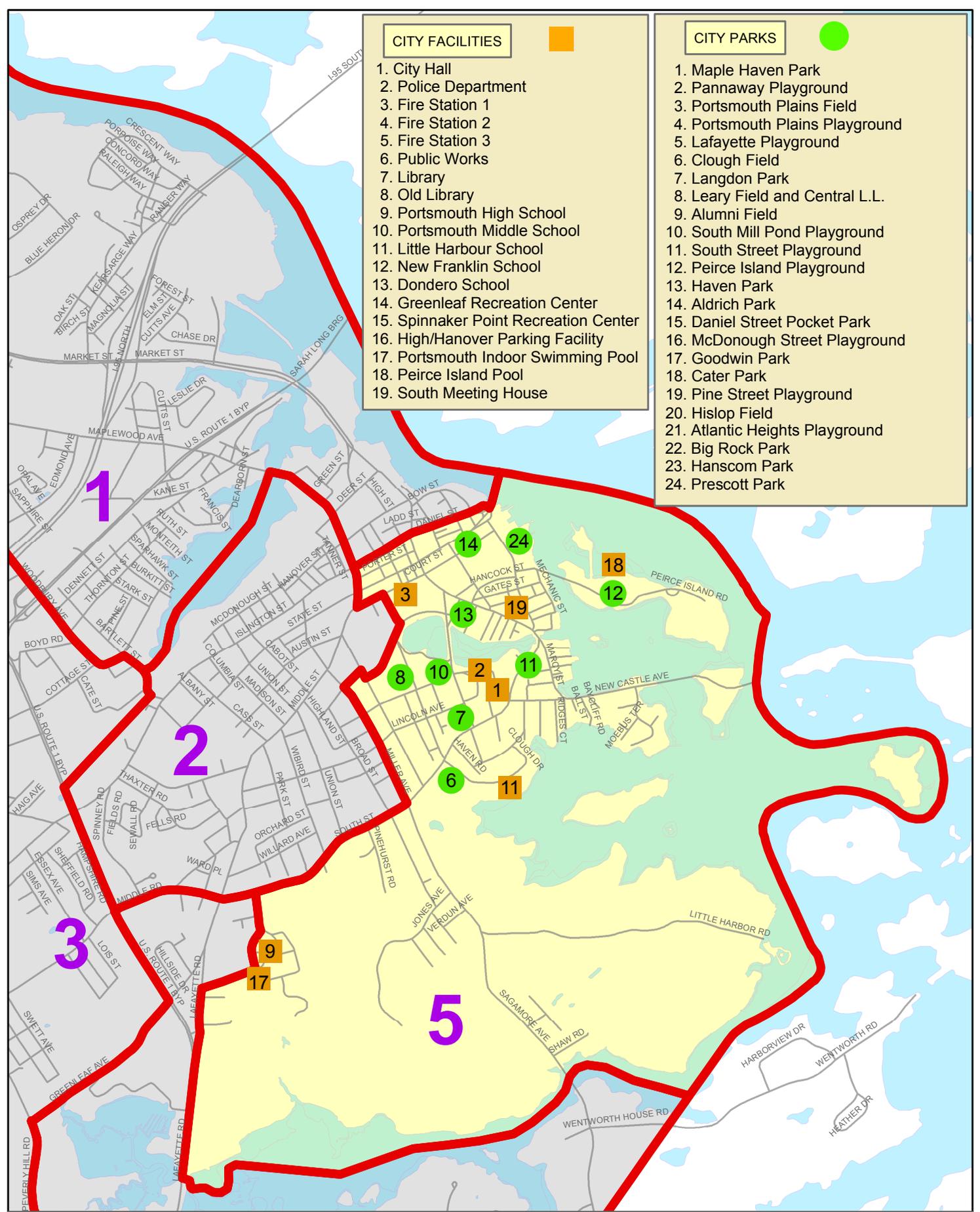
Map prepared by Portsmouth Department of Public Works 01/09/2018

Appendix VII: Ward Maps



Ward 5

- ✓ Parks and Facilities Map
- ✓ Street Listings
- ✓ Water and Sewer Facilities Map



- CITY FACILITIES** ■
1. City Hall
 2. Police Department
 3. Fire Station 1
 4. Fire Station 2
 5. Fire Station 3
 6. Public Works
 7. Library
 8. Old Library
 9. Portsmouth High School
 10. Portsmouth Middle School
 11. Little Harbour School
 12. New Franklin School
 13. Dondero School
 14. Greenleaf Recreation Center
 15. Spinnaker Point Recreation Center
 16. High/Hanover Parking Facility
 17. Portsmouth Indoor Swimming Pool
 18. Peirce Island Pool
 19. South Meeting House

- CITY PARKS** ●
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0 0.25 Miles
 1 inch = 1,866 feet

Ward 5

Facilities and Parks Map

Map prepared by Portsmouth Department of Public Works 01/09/2018

WARD 5 STREETS

ANDREW JARVIS DR
ARTWILL AVE
ATKINSON ST
BALL ST
BAYCLIFF RD
BELLE ISLE RD
BLOSSOM ST
BOYAN PL
BRACKETT LN
BRACKETT RD
BROAD ST
CHAPEL ST
CHESTNUT ST
CHURCH ST
CLIFF RD
CLOUGH DR
CONGRESS ST
COURT PL
COURT ST
CURRIER'S CV
CUSTOM HOUSE CT
DANIEL ST
DRIFTWOOD LN
DUTTON AVE
EDWARD ST
ELWYN AVE
FERNALD CT
FLEET ST
FRANKLIN ST
GARDNER ST
GATES ST
GRAY'S LN
HANCOCK ST
HAVEN RD
HOLMES CT
HOWARD ST
HUMPHREY'S CT
HUNKING ST
INCINERATOR RD
JOHNSON CT
JONES AVE
JUNKINS AVE
KENT ST
LAFAYETTE RD
LEDGEWOOD DR
LENS AVE

LINCOLN AVE
LITTLE HARBOR RD
LIVERMORE ST
LOOKOUT LN
MANNING ST
MARCY ST
MARKET SQ
MARNE AVE
MARTINE COTTAGE RD
MCNABB CT
MECHANIC ST
MEETING HOUSE HILL RD
MELCHER ST
MIDDLE ST
MILLER AVE
MOEBUS TER
MT VERNON ST
NEW CASTLE AVE
PARROTT AVE
PARTRIDGE ST
PEIRCE ISLAND RD
PENHALLOW ST
PICKERING AVE
PICKERING ST
PINEHURST RD
PLEASANT POINT DR
PLEASANT ST
PORTER ST
PRAY ST
RAND CT
RICHARDS AVE
RICHMOND ST
RIDGES CT
ROBIN LN
ROCKLAND ST
ROGERS ST
SAGAMORE AVE
SALTER ST
SCOTT AVE
SHAW RD
SHEAFE ST
SHERBURNE AVE
SOUTH MILL ST
SOUTH SCHOOL ST
SOUTH ST
STATE ST

SUMMIT AVE
VERDUN AVE
VERSAILLES AVE
WALDEN ST
WALKER BUNGALOW RD
WALTON ALY
WASHINGTON ST
WATER ST
WEBSTER WAY
WENTWORTH ST
WHIDDEN ST

