



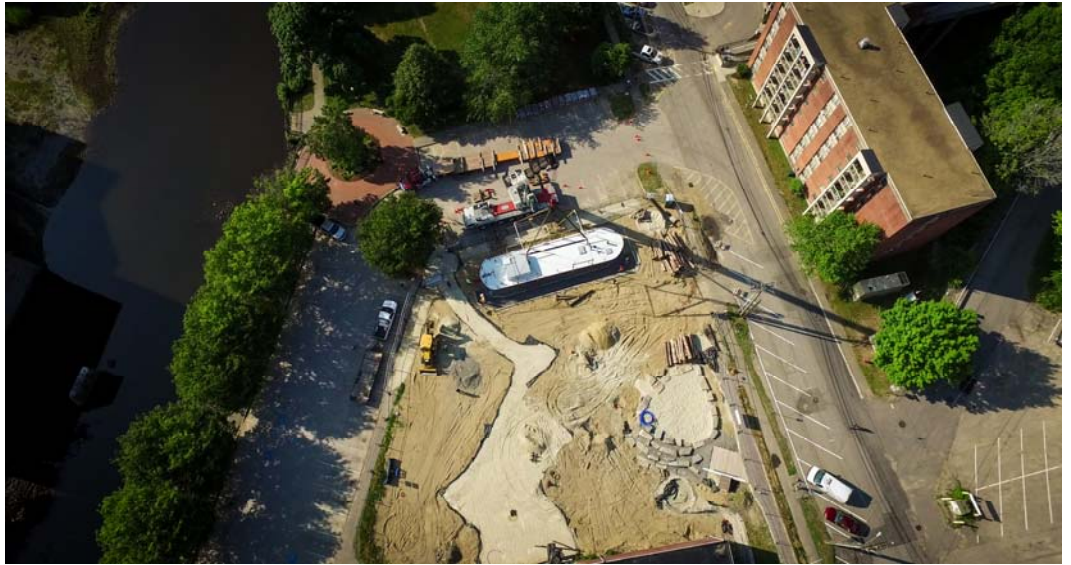
CITY OF DOVER, NH

Proposed Capital Improvements Program

*Fiscal Years
2018-2023*

Submitted by:
J. Michael Joyal, Jr.
City Manager

October 5, 2016



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Capital Improvements Program

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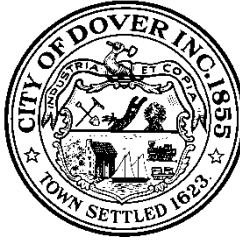
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Capital Improvements Program

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City of Dover, New Hampshire OFFICE OF THE CITY MANAGER

October 5, 2016

To the Honorable Mayor and Members of the City Council:

I respectfully submit to you a proposed Capital Improvements Program (CIP) for Fiscal Years 2018 through 2023. The CIP is a major City-wide planning effort that takes place at the beginning of each budget cycle for the next fiscal year and includes the projects essential to meeting the immediate and long-term needs of our citizens and business community. This CIP document contains descriptions of major projects to be undertaken and a comprehensive financing plan to fund their implementation drawing from a combination of operating budget, reserve, debt, grant, and reprogramming of previously authorized funds.

The projects identified in this CIP represent the legitimate equipment and infrastructure needs supporting the diverse requirements of our community. In reviewing the projects submitted to me by the various departments, I have attempted to consolidate, prioritize, schedule and subsequently develop a financing plan for only those projects that are considered mandatory to comply with federal or state regulatory requirements and/or essential in fulfilling one or more of the following criteria:

- Protect the health and safety of employees and/or the community at large
- Significantly improve the efficiency of existing services
- Preserve a previous capital investment made by the City
- Significantly reduce future operating costs or increase future operating revenues

In this document, I have proposed a multi-year capital project schedule and developed a financial plan that will support the City's needs by using varied sources of funding that continue our ongoing need to properly ration the use of debt. As noted in past years, the City has made notable progress in weaning itself from the use of debt for regular recurring projects and increasing the funding of capital outlay and reserve funds in the annual operating budget of the General Fund. Again, in the coming years, this Capital Improvements Program proposes to sustain a positive trend of including increased regular, recurring capital maintenance within our annual operating budgets including the ongoing funding and use of capital reserves in order to maintain appropriate levels for a community of our size and character.

Although this proposed CIP reflects continuing increases in operating funds being allocated for capital needs, it must be emphasized that our financial policies and our tax cap Charter provisions require careful consideration in balancing ongoing program and service costs with the need to adequately maintain and invest in the existing facilities and infrastructure. Continuing use of impact fees for needed infrastructure expansion, targeted user surcharges for existing equipment and facilities

Capital Improvements Program

upgrades, and increased emphasis on encouraging and supporting public/private partnerships remains necessary.

As you review the various capital projects and financing proposed to be undertaken over the course of the next six years, please keep in mind that we are stewards of our community charged with identifying and responding to the needs of our community that exist not only today but long into the future. Not only must our planning efforts address the varied needs of our community's residents and businesses but those efforts must be accomplished within the parameters of our financial policies intended to sustain and improve our City's financial condition. With that stated I look forward to working with the Planning Board and the City Council as we work through the review of this year's proposed CIP and subsequently establish our next six year plan for capital projects.

In closing, I wish to acknowledge the efforts of our city staff and Department Heads and their continuing dedication in meeting the needs of our community. In striving to achieve our community's collective vision and direction as communicated by our Mayor, City Council and many citizen boards and commissions, they work diligently and efficiently to maintain our facilities and deliver the services that support the quality of life that our community has come to expect and enjoy.

Respectfully submitted,



J. Michael Joyal, Jr.
City Manager

Capital Improvements Program

Introduction

The Capital Improvements Program (CIP) serves as the City's long range planning document for the purchase or construction of capital assets. It reflects the individual projects, how they would be financed according to adopted City Council policy and the impact of the projects on the Property Tax rate and the Water/Sewer rates.

Incorporated into the program are the City Financial Policies adopted by the City Council. The 32 policy goals cover major items from minimum fund balance requirements to City debt limits. The purpose of the policies is to present financial goals the City must achieve and maintain. Achieving and maintaining the policies will benefit the City through controlling debt, better planning, proper financing of capital items and the potential for increasing the City's bond rating.

The premise of the policies as they relate to the CIP is to insure proper financing of capital projects and that all projects should not be debt financed. By avoiding bonding for all projects, the long term costs to the City are reduced.

CIP Project Criteria

In order to be included within the CIP, a project needs to have an estimated annual aggregate cost of \$25,000 or more and have a useful life of three years or greater. In addition, the project needs to satisfy at least one of the following:

- ♦ Protect the health and safety of employees and/or the community at large
- ♦ Significantly improve the efficiency of the existing services
- ♦ Preserve a previous capital investment made by the City
- ♦ Significantly reduce future operating costs or increase future operating revenues

Financing Criteria

Once a project qualifies, financing is analyzed using the following criteria:

Debt Financed

Purchase of assets of \$250,000 or more, nonrecurring within a five year period, are recommended for debt financing. This includes design costs for projects even when the costs occur a year earlier. The project must also have a useful life of five years or greater. The City issues tax exempt debt (in most instances) to finance the projects and the principal and interest are paid over the useful life of the asset. The purpose of debt financing is to avoid an outright purchase of the asset where the impact would be too great for one budget period. The analysis includes 5, 10, 15 and 20 year amortization (level principal payments) of debt financed projects.

Capital Improvements Program

Reserve Trust Financed

Purchase of assets over \$25,000, recurring or not, may be acquired with Reserve Trust Funds. Reserve Trusts can be established for a specific item or a type of item. The City has the following Reserve Trust funds that can be used for capital needs, one each for the Water, Sewer, and General Funds for infrastructure and equipment, Transportation Reserve, School Facilities Reserve, Cemetery Maintenance Reserve, Parks/Playground Improvements Reserve, Police Facilities Reserve, Fire & Rescue Facilities Reserve, Recreation Facilities Reserve, and an Arena Improvements Reserve. These are general in nature as to type of item and restricted to items identified within the CIP.

Grant Financed

Purchase of assets over \$25,000 may be partially or wholly funded by grants from the State or Federal government. The grant amount only is reflected in this section and the local share, if any, is reflected in the appropriate financing section. Except for the City's share, State administered projects are not reflected within the CIP.

Existing Funds Financed

After the CIP projects are submitted and compiled, any items that can be financed with existing funds are identified. This could be any funds available from savings from another project or other source of funds. If bonded funds are to be used, the item has to meet the useful life criteria for the remaining years of amortization of the bond funds used.

Operating Budget Financed

Purchase of assets of less than \$250,000 or recurring in nature, are recommended to be financed through the annual operating budget for the fund involved. A \$250,000 appropriation in the General Fund has an \$.09 tax rate impact or .4% (four tenths of one percent). Annual programs, whether over \$250,000 or not, are best suited for operating budget financing due to the ongoing nature of the program. A general rule of thumb is recurring items continually purchased with debt financing will result in a annual debt service costs of 130% to 150% of the purchase price of item's initial cost, depending on rates and term. Thus, to continually bond for a recurring project will result in debt service costs higher than the annual amount being bonded for the project.

Economic and Financial Condition

Local Economy

The local economic environment continues to demonstrate improvement over past fiscal year through growth in many sectors. Advanced manufacturing clusters, computer and staffing services, mixed use/multi-unit residential construction and healthcare related businesses have expanded and continue to be attracted to Dover. Retail businesses experienced mixed, but mostly positive results. While some restaurants have closed or sold over the past year, Dover continues to attract new restaurants and brewpubs with some traditional restaurants experiencing the challenges of increased competition.

Economic development activity continues to support local business retention and expansion. Financing for small businesses and startups, though challenged with increased banking regulations and slightly higher interest rates has improved moderately in the last fiscal year.

Through consistent outreach efforts, supported by pro-business attitudes within city government, convenient services for businesses and developers, and Dover's enhanced quality of life, over 80 new or expanded businesses have been attracted to Dover with 770 employees during the past six years.

Dover has benefited by geographic factors which create a positive location for Dover to prosper economically. Dover is halfway between Portland, ME and Boston, MA, thirty minutes from the ocean and an hour from the mountains. From a transportation perspective, Dover is close to the I-95 corridor and serviced by the AMTRAK Downeaster transit system. The regional proximity to UNH, Pease Tradeport, and the Portsmouth Shipyard add stability and diversity to the region's economic mix and enhance Dover as a viable business location.

Between 2000 and 2010, Dover was the fastest growing city in New Hampshire. It continues to be an attractive community for a younger median age of population, and with families. Dover continues to show a 10.4% growth rate in households with children under the age of eighteen. The labor force of Dover has continued to grow about 1% per year with slight variations above and below that trend line.

Dover's local current unemployment rate is 2.5% which is 0.6% lower than this time last year. The City's unemployment rate has consistently been lower than that of the United States as a whole, (5.1%) and the State of New Hampshire (2.9%).

In combination with the current economic environment and unemployment levels the median per capita income in Dover was \$32,315, median household income was \$60,038, and median family income was \$80,591

Mixed use, manufacturing, residential, and public facility development has increased sharply during the fiscal year. This includes new manufacturing, office, and storage buildings on Sixth Street. The opening of a new Police Station combined with a public parking garage on part of the city's Orchard Street parking lot contributes to the vibrancy of the downtown area. The garage opened in November of 2015, with the Police Facility opening in March of 2016. The Cochecho Waterfront Development Advisory Committee has retained a consultant, Union Studio, to work with it to layout infrastructure plans and create a clean and developable parcel to market to the private sector for redevelopment. Smaller rehabilitation projects along Central Avenue have continued.

The First Street development, a \$10,100,000 mixed use development, is underway with Phase 1 completed with full residential occupancy. At full build out, the project is expected to provide a

Economic and Financial Condition

minimum of \$275,000 annual property tax revenue guaranteed for at least 24 years. The City continues to review opportunities to convert three other City owned parking lots into sites for redevelopment. These downtown infill projects will continue to keep the City core vibrant. The City Council has reviewed and approved the sale and redevelopment of .35 acres of the Third Street Parking lot. This redevelopment will include residential and commercial uses on the site, as well as maintain approximately 30 parking spaces for use by the public.

To assist with private redevelopment of properties in downtown, the City Council passed a resolution to enable the City Council to review applications under the State's Community Revitalization Tax Credit program. This program allows private property owners to take advantage of a tax relief period in the immediate years following a redevelopment.

The City Council approved a Land Development Agreement with prospective developers of property bounded by Washington, Chestnut and Locust Streets. This mixed use project will construct a new intersection at Washington and Chestnut Streets as well as create a building with a post redevelopment assessed value of over eight (8) million dollars. The Council reviewed and approved an application for use in the Community Revitalization Tax Credit district for this project. The pre-redevelopment value of the property is approximately \$1,300,000. Post development value is guaranteed to reach a minimum of \$5,000,000, and increases in value to \$8,000,000 five years after reaching the \$5,000,000 level. The Planning Board reviewed and approved this site plan in 2016.

The Dover Business and Industrial Development Authority continues to search for appropriate sites for a second business park development. The funding for this business park has been approved in the FY2015 CIP. A new park would add depth to Dover's non-residential market, and would allow for more diversity in footprints, so that Dover would continue to be an attractive location for businesses looking for development sites ranging from 25,000 square feet buildings to over 100,000 square feet. Currently, Dover has not fully taken advantage of this potential but is making progress in acquiring two sites for this purpose.

The Exit 9 corridor off the Spaulding Turnpike, in addition to the 100,000 square feet medical practice building in full occupancy, now has a large dental facility and a dialysis center in operation, both with significant business success and full employment. This corridor, anchored by Liberty Mutual, continues to attract larger commercial and industrial users to the City and continues to be a benchmark for economic development activities. Two small strip malls and a large storage facility are currently under construction.

In 2015, the City Council approved a Land Development Agreement with a property owner on Mast Road, leading to approximately 400,000 square feet of Planning Board approved industrial space. The Mast Road development is under construction for a phased Stonewall Kitchens complex that will cover 279,000 SF when complete as well as a corrugated conversion building site for Rand-Whitney covering 129,000 SF. Both of these buildings have been completed and are open. In addition, Stonewall Drive has been completed. A third development of 80,000 SF is still pending.

The City Council also approved a Land Development Agreement for a former McIntosh College property at 181 Silver Street. This public/private partnership will allow for the development of roadway infrastructure in association with a \$30 Million development incorporating a high-end assisted Living facility, a 5 story hotel, a medical practice building, a branch bank and a restaurant/ coffee shop on the site. A site plan was approved by the Planning Board in 2016, and site work is underway. The public

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roadway improvements are almost complete and the project is on track for a first phase to open in 2017.

The City Council also approved a land development agreement for a mixed use development on Pointe Place, located off Dover Point Road. This project includes single family homes, as well as 4 mixed use buildings, with 60,000 square feet of commercial space on the first floor, and apartments above. The public private partnership also include the construction of two multi-use ball fields, the donation of park land to the City and public access to conservation land located off Dover Point Road. The multi-use fields have been completed, the roadway base course is complete and foundations are being constructed for the mixed use buildings. The tax guaranteed value of the project is \$7,000,000 in tax year 2019, and \$17,000,000 in a tax year to begin 5 years after the mixed use building is completed.

The real estate sales activity in Dover for FY16 was 1,009 transactions versus 924 for FY15. This level of activity represents transfers of 10.0% of taxable parcels during FY16 slightly higher than the level of 9.2% in FY15. In conjunction with this activity, the number of taxable parcels increased from 10,058 in FY15 to 10,092 in FY16, a less than 1% increase. The volume of taxable parcels in combination with an increase of property values has resulted in the estimated equalized property value per capita changing from \$96,117 for FY15 to \$99,979 in FY16, an increase of 4.0% for the fiscal year.

The percentage of uncollected taxes for the current tax levy at the end of fiscal year 2016 was 3.4% (the actual amount changed from \$2.6 million to \$2.5 million). There were 250 parcels from the current tax levy with outstanding taxes that had a lien placed, an increase from 245 last year. The number of delinquent parcels increased by 5, or 2.0 percent and the actual amount of the lien changed from \$1,011,252 to \$1,023,574.

The number of motor vehicle registrations was consistent with 31,254 in FY16 as compared to 31,187 in FY 15. The number of building permits decreased from 484 in FY15 to 461 in FY16 and the average permit value decreased from \$165,986 to \$127,036.

Financial Condition

The liquidity of the General, Water and Sewer Funds is good and continues to show a favorable trend. This is based on the quick ratio which is a measure of current assets (excluding inventories) divided by current liabilities. The General Fund had a quick ratio of 1.28 with Water and Sewer Funds of 2.80 and 2.29, respectively. A ratio of 1 is considered satisfactory.

The amount of debt incurred by the City remains below the State statutory limits as set forth in RSA 33:4-a for the City and School District, and RSA 33:5-a for the Water Fund. There is no statutory debt limit for the Sewer Fund. The State statutory limit for the City is 3% of Base valuation as determined by the New Hampshire Department of Revenue Administration (NH DRA), the statutory limit for the School District is 7% of Base valuation as determined by NH DRA, and the statutory limit for the Water Fund is 10% of base valuation as determined by NH DRA. As of June 30, 2016 the City had utilized 54.6% of its statutory debt limit, the School District utilized 44.9% of its statutory debt limit, and the Water Fund had utilized 10.5% of its statutory debt limit.

The City Council established self-imposed policy limits that are significantly lower than those set by State statute. As of June 30, 2016 the percent of the City's more conservative debt policy used was 84.1%, the School District is at 100% of the City Council self-imposed policy limit as a result of debt financing a new

Economic and Financial Condition

high school. General Fund net debt per capita is at \$4,246. The General Fund's net debt to equalized value is 4.23%. The General Fund's net debt service as a percent of budget is 10.6%. This measure is close to the 10% limit recommended by policy, it is partially as a result of a higher rate of debt pay down resulting in a favorable reduction in the cost for debt.

The Water fund is at 100% of the City Council self-imposed policy limit. The Sewer fund remained within the City Council self-imposed policy limits with 54.2% being utilized. Net debt service to budget in the Water Fund is 36.75% and 25.45% within the Sewer Fund, within the 40% set by policy.

Condition Summary

The majority of the City's economic and financial indicators have shown stable moderate growth over the past year. Changes in indicators continue to be monitored and actions taken to preserve the City's economic and financial position. Current measures and trends at the local level suggest a moderate level of positive economic and financial activity continuing during the near term, with anticipation of a consistent up-turn occurring over the longer term.

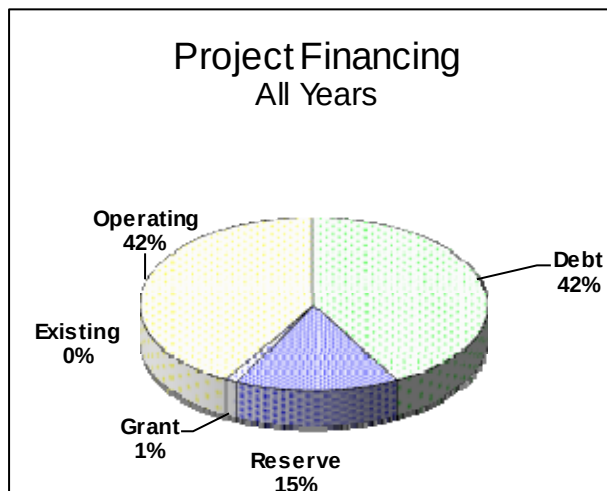
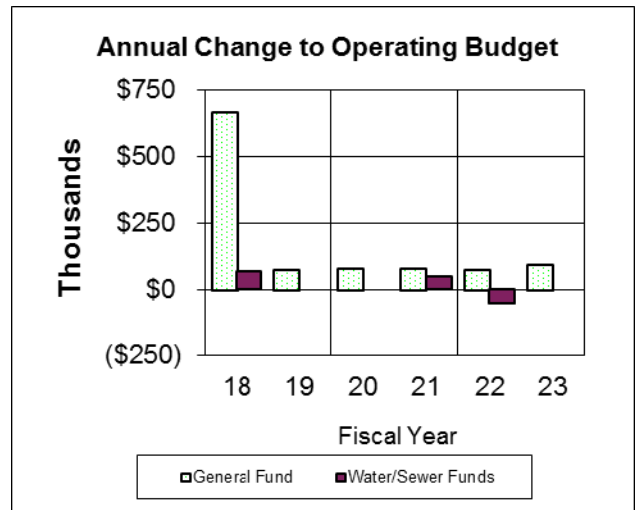
The financial positions of the major funds of the City are considered healthy. Proactive financial management efforts continue to focus on maintaining adequate reserves in all of the City's major funds, invest in capital needs of the community, while simultaneously prioritizing funding and preserving core municipal services.

Capital Improvements Program

Policy Issues

The City Financial Policies contain a policy issue regarding the manner in which the City finances its projects. Certain projects, due to their nature, are better suited to outright purchase out of the operating budgets. Certain credit rating agencies also view 3 – 5% of annual appropriations for capital outlay as beneficial, saving interest expense and providing flexibility to absorb additional long term debt service, if necessary, to minimize budgetary impact.

In FY17 the City's General Fund percent of capital outlay to its portion of appropriations is 6.7%. In an effort to shift away from debt financing particular capital purchases in the FY17 budget, capital outlay was increased by \$357,412, from \$2,533,349 in FY16 to \$2,890,761 in FY17. Recurring projects continually debt financed will result in annual debt service costs of about **151% of the actual recurring amount**. Thus the tax rate is impacted by a higher amount for debt service than if full principal amount were added to the budget. This CIP continues to attempt to wean the City of debt financing of these types of projects over the course of the 6 years. In each year the annual budget financing for the General Fund Capital Reserve reflects \$850,000. The CIP reflects operating budget financing of \$1.93 million in FY18 for General Street Improvements and increases this amount annually based on historical trends for asphalt costs. The CIP reflects no debt financing for General Street Improvements. The CIP proposes to fund Police cruisers and Fire/Rescue equipment through the use of capital reserve funds. The goal is to reduce the amount of debt the City would issue, thus reducing the City's carrying costs. Inclusion within an operating budget is recommended for certain projects due to the project's smaller dollar amount or its recurring nature. There will be an impact to the rates involved due to the inclusion of these projects within the respective operating budgets.



The purpose of the City Financial Policies is to give guidance to the City Council on parameters of debt burden when making debt authorizations. These parameters, and other measures, give the City Council and administrators alike the ability to weigh the impacts of debt to policy limits, debt service to budget, paydown of debt in 10 years, debt per capita, debt ratio to equalized value, etc. These are the measures of affordability by which debt should be approved and at what level, not some arbitrary debt retirement number.

Capital Improvements Program

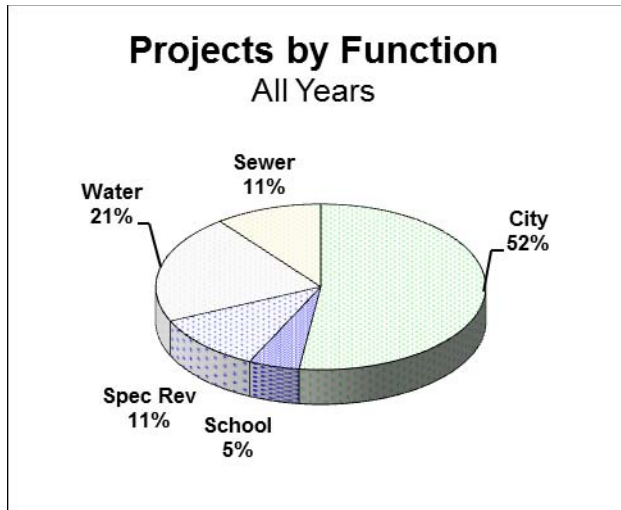
This CIP also reflects the funding of the Capital Reserve Fund for infrastructure and equipment for the General Fund. Capital Reserves are a savings mechanism for municipalities. By appropriating funds and placing them in reserve, the funds earn interest and help to mitigate long term borrowing needs. In addition, raising a set amount each year evens out the impact to the tax rate for larger purchases. The funding for a project remains available even in tight budget years.

Major Projects

Listed below are projects with six year totals of \$1 million or more, regardless of financing source. These major projects make up 66.3% of the entire CIP.

Major Projects	2018	2019	2020	2021	2022	2023	Total
Transfer to Capital Reserve - Infrastructure & Equip	850,000	850,000	850,000	850,000	850,000	850,000	5,100,000
Public Safety Communication Upgrade		1,334,490					1,334,490
Fire Quint/Pumper Replacement	890,000				540,000		1,430,000
PW Heavy Equipment	200,000	200,000	200,000	293,750	200,000	200,000	1,293,750
General Streets Improvements	1,931,933	2,001,482	2,073,536	2,148,183	2,212,937	2,301,454	12,669,525
Street Reconstruction - Elm/Summer/Belknap		200,000		2,000,000			2,200,000
Street Reconstruction - Atlantic Avenue			1,500,000				1,500,000
Street Reconstruction - Court Street			150,000		1,000,000		1,150,000
Street Reconstruction - Spur Road				500,000	500,000		1,000,000
Total City	3,871,933	4,585,972	4,773,536	5,791,933	5,302,937	3,351,454	27,677,765
Middle School Roof Replacement		520,500			500,000		1,020,500
Total School	0	520,500	0	0	500,000	0	1,020,500
Total General Fund	3,871,933	5,106,472	4,773,536	5,791,933	5,802,937	3,351,454	28,698,265
Parking Deck - School Street					2,400,000		2,400,000
Cochecho Riverfront Park Development	300,000			1,112,500			1,412,500
Street/Utility Extension - Waterfront Parcel				2,000,000			2,000,000
Park Improvements - Maglaras Park					1,000,000		1,000,000
Street Reconstruction - Henry Law Avenue						1,000,000	1,000,000
Total Special Revenue	300,000	0	0	3,112,500	3,400,000	1,000,000	7,812,500
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Water Meter Replacement	175,000	175,000	175,000	175,000	175,000	175,000	1,050,000
Water System Facilities Upgrade	8,000,000						8,000,000
Water Main Replacement - Oak/Broadway Area	1,250,000						1,250,000
Total Water Fund	9,925,000	675,000	675,000	675,000	675,000	675,000	13,300,000
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Inflow/Infiltration Study/Mitigation	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Total Sewer Fund	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000
Total Major Projects	14,896,933	6,581,472	6,248,536	10,379,433	10,677,937	5,826,454	54,610,765

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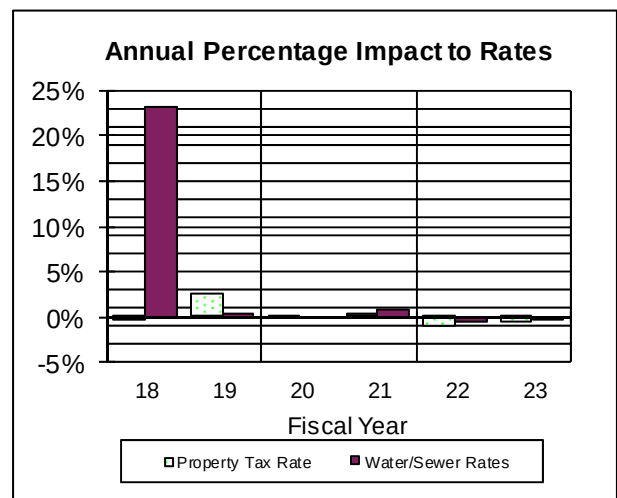


The graph shows the breakout of all years of the CIP projects by major function regardless of financing.

Rate Impacts

Projects that are financed either by debt financing (long term bonds) or operating budgets have an impact to the respective rates of their funds. In the case of the General Fund projects, the impact is to the property tax rate. Based on the estimated assessed value for each year, the rate would increase \$0.43 per \$1,000 of assessed value for Fiscal Year 2018 and a cumulative increase of \$0.18 by FY23. This is an annual increase of 0.6% over the FY17 estimated tax rate. Applying the one-time Adequacy Education Aid court settlement funding of \$1.4 million toward School debt service in FY18 would result in an \$0.08 decrease in the estimated tax rate for that year.

For Water and Sewer Fund projects, the Water and Sewer User Fees are impacted. This CIP reflects a combined Water and Sewer User Fee increase to the rates of \$3.00 per one hundred cubic feet of water consumption for Fiscal Year 2018 and a cumulative increase of \$3.09 by FY23. This is an annual increase of 3.65% over the FY17 combined rate.



The debt financing model used in this analysis makes assumptions on the timing of issuing debt. All CIP projects to be financed with debt are assumed to have a half-year interest payment in the first year and the first full principal and interest payment the following year. This results from the first year being financed either with short term notes (Bond Anticipation Notes or BANs) or a bond issued in the first or second quarter of the ensuing fiscal year. As a result, the impact to rates for a project in Year 1 is mainly in Year 2 of the CIP. Year 1 will only reflect a half-year of interest expense for a project and/or the full principal and interest of any projects being bonded that are already authorized. The City has traditionally issued long term debt so principal payments fall on June 15th and December 15th of each year. This places the disbursement of cash for debt service at time after taxes have been collected, decreasing short term borrowing and increasing investment income. The City plans to issue bonds in FY 2018 to accommodate debt service within the FY18 budget.

Capital Improvements Program - FY2018-2023
Net Financial Impact to Property Tax and User Fee Rates
Debt and Operating Budget Financed Projects

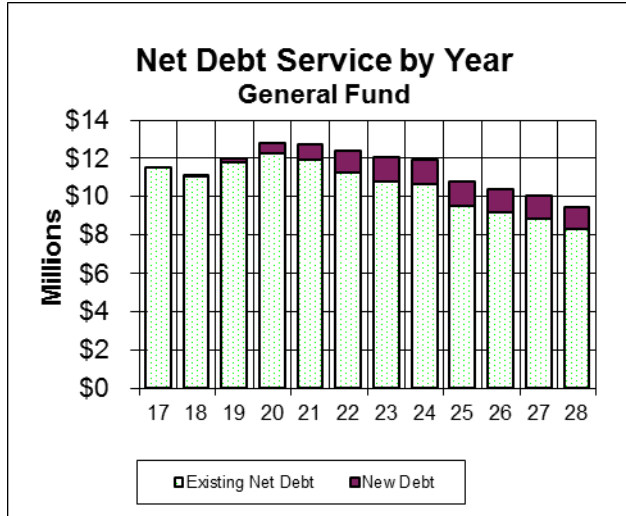
Estimated Property Tax Rate Change						
City	2018	2019	2020	2021	2022	2023
Operating Bdgt	0.24	0.03	0.03	0.03	0.03	0.03
Debt Financed	0.26	-	(0.01)	(0.05)	(0.22)	(0.16)
Change by Year	0.50	0.03	0.02	(0.02)	(0.19)	(0.13)
% Chng Comb	2.37%	0.11%	0.07%	-0.07%	-0.68%	-0.47%
School						
Operating Bdgt	0.09	-	(0.02)	0.02	(0.06)	0.02
Debt Financed	(0.67)	0.65	(0.01)	0.01	(0.01)	(0.05)
Change by Year	(0.58)	0.65	(0.03)	0.03	(0.07)	(0.03)
% Chng Comb	-2.75%	2.38%	-0.11%	0.11%	-0.25%	-0.11%
Combined						
Operating Bdgt	0.33	0.03	0.01	0.05	(0.03)	0.05
Debt Financed	(0.41)	0.65	(0.02)	(0.04)	(0.23)	(0.21)
Change by Year	(0.08)	0.68	(0.01)	0.01	(0.26)	(0.16)
% Chng Comb	-0.38%	2.49%	-0.04%	0.04%	-0.93%	-0.58%
Est. Tax Rate	27.32	28.00	27.99	28.00	27.74	27.58
<i>Estimated Rate reflects the impact of the CIP only.</i>						
<i>Amounts represent annual change to Tax Rate based on FY17 estimate of \$27.40 per \$1,000 of assessed value. % Change reflects the annual change to the total rate.</i>						

Water & Sewer User Fee Rate Change						
Water	2018	2019	2020	2021	2022	2023
Operating Bdgt	0.08	-	-	-	-	-
Debt Financed	1.58	0.28	0.13	(0.13)	(0.22)	(0.12)
Change by Year	1.66	0.28	0.13	(0.13)	(0.22)	(0.12)
% Chng Comb	12.91%	1.77%	0.82%	-0.82%	-1.37%	-0.75%
Water Rate	6.50	6.78	6.91	6.78	6.56	6.44
Sewer						
Operating Bdgt	-	-	-	0.06	(0.06)	-
Debt Financed	1.32	(0.21)	(0.13)	0.21	0.21	0.08
Change by Year	1.32	(0.21)	(0.13)	0.27	0.15	0.08
% Chng Comb	10.26%	-1.33%	-0.82%	1.70%	0.93%	0.50%
Sewer Rate	9.34	9.13	9.00	9.27	9.42	9.50
Combined						
Operating Bdgt	0.08	-	-	0.06	(0.06)	-
Debt Financed	2.90	0.07	-	0.08	(0.01)	(0.04)
Change by Year	2.98	0.07	-	0.14	(0.07)	(0.04)
% Chng Comb	23.17%	0.44%	0.00%	0.88%	-0.44%	-0.25%
Combined Rate	15.84	15.91	15.91	16.05	15.98	15.94
<i>Estimated Rate reflects the impact of the CIP only. Other budget adjustments will vary rate.</i>						
<i>Amounts represent annual change to User Fees. Fees apply to 100 CF of water consumption.</i>						
<i>FY17 Water Fee - \$4.84 Sewer Fee - \$8.02 Combined - \$12.86</i>						
<i>100 Cubic Feet = 748 Gallons</i>						
Combined cost/gallon	\$0.021	\$0.021	\$0.021	\$0.021	\$0.021	\$0.021

Capital Improvements Program

Debt Service

Debt service is the payment of principal and interest. In most cases, the principal is paid once a year and the interest paid twice a year. Net debt service is that portion of principal and interest paid by local revenues.

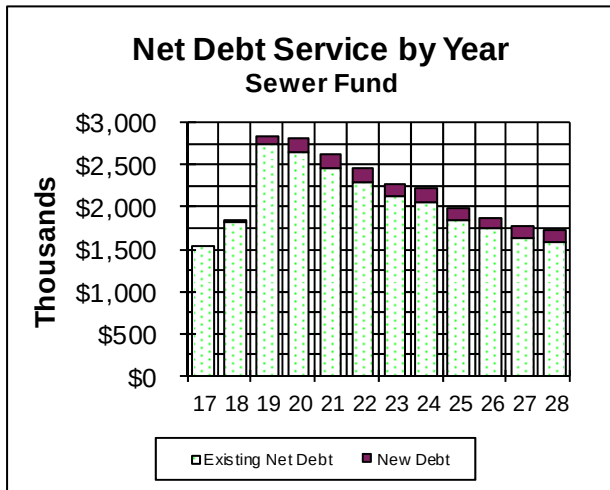
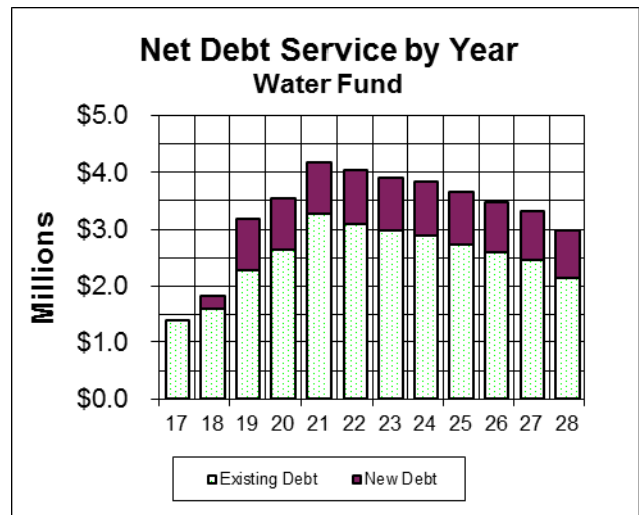


General Fund

Net debt service in the General Fund under the proposed CIP will grow from \$11.5 million in FY17 to \$11.8 million in FY23. This represents an annual net debt service increase of 0.05% from FY17.

Water Fund

Net debt service will grow from about \$1.4 million in FY17 to about \$3.8 million in FY23. This represents a 13.1% annual increase from FY17.



Sewer Fund

Net debt service increases from about \$1.6 million in FY17 to about \$2.2 million in FY23. This represents a 2.72% annual increase from FY17.

Capital Improvements Program

Legal and Policy Debt Limits

The State of New Hampshire, through RSAs 33:4-a and 33:5-a, sets the legal amount of debt a City may have outstanding at any one time. There are three such limits covering municipalities, schools and water utilities.

The limits are based on the locally assessed valuation for property taxation purposes as equalized to market value by the N.H. Department of Revenue Administration. The equalized value for debt purposes is then multiplied by the statutory percentages to achieve the legal debt limits. The percentages used for each limit are 3% for municipalities, 7% for schools and 10% for water utilities. Bonds for sewer projects are exempt from any debt limit.

The CIP assumes bonds issued for Tolend Road Landfill Closure are exempt from the City's debt limit and will be State guaranteed, upon approval by Governor and Council (RSA 33:3-e & f). A fourth limit applies to existing and authorized debt of the Dover Business and Industrial Development Authority (DBIDA) and was set by special legislation at \$5 million. Any newly authorized debt of DBIDA will be covered by RSA 162 which was adopted by the City Council in 2004. The debt limit for projects authorized under this RSA is 8% of the most recent assessed valuation.

In addition to the statutory limits, the policy goals of the City recommend additional restrictions based on the statutory limits. The City policies recommend a limit for each area to a percent of their statutory limit as follows: City 65%, School 28%, Water 5%. In addition, the City's policies restrict the Sewer Fund to 1.5% of equalized assessed value.

City debt remains within the statutory limit, reaching a maximum level of 51.3% of the limit in FY17. School debt remains within the statutory limit, reaching a maximum level of 42.4% of the limit in FY18. Based on the proposed CIP, it is estimated that City debt will be at 78.9% of the policy limit in FY17. This is mainly due to existing debt for the new Police Facility project and proposed road reconstruction projects. It is estimated the School debt will be at 100% of the recommended policy limit in FY17 based upon the bonding for the High School and Regional Career Technical Center project. These estimates are based on projecting an equalized value for the City.

The Water Fund is within the statutory policy debt limit based upon the proposed CIP. Based on the proposed CIP, it is estimated that the Water Fund will be at 100% of the recommended policy limit in FY17. This is due to the Water System Facilities Upgrade project debt approved in FY17 CIP and additional funding proposed for FY18. The Sewer Fund has bonding capacity remaining, due to the large federal aid assistance on the debt for the River Street Pump Station upgrade and WWTP Aeration Blowers project. Both funds are able to finance some projects through the use of capital reserve funds, thus avoiding bonding.

Capital Improvements Program - FY2018-2023
Debt Limits - Statutory and City Policy Levels

City Estimated Legal Debt Limits			
FY End	Statutory 3.0% EAV	Policy 65% of State	Outstanding Debt
2017	93,982,533	61,088,646	48,197,249
2018	94,922,358	61,699,533	47,323,703
2019	95,871,582	62,316,528	44,727,963
2020	96,830,298	62,939,694	47,145,819
2021	97,798,602	63,569,091	44,124,262
2022	98,776,587	64,204,782	37,820,744
2023	99,764,352	64,846,829	33,842,161

School Estimated Legal Debt Limits			
FY End	Statutory 7.0% EAV	Policy 28% of State	Outstanding Debt
2017	219,292,577	61,401,922	88,441,956
2018	221,485,502	62,015,941	93,854,685
2019	223,700,358	62,636,100	91,592,455
2020	225,937,362	63,262,461	89,325,115
2021	228,196,738	63,895,087	86,635,456
2022	230,478,703	64,534,037	83,341,215
2023	232,783,488	65,179,377	79,952,709

Water Estimated Legal Debt Limits			
FY End	Statutory 10% EAV	Policy 5% of State	Outstanding Debt
2017	313,275,110	15,663,756	28,180,617
2018	316,407,860	15,820,393	28,445,422
2019	319,571,940	15,978,597	36,761,754
2020	322,767,660	16,138,383	35,188,757
2021	325,995,340	16,299,767	32,646,291
2022	329,255,290	16,462,765	30,674,904
2023	332,547,840	16,627,392	28,238,281

Net Sewer Estimated Legal Debt Limits			
FY End	Statutory Exempt	Policy 1.5% EAV	Outstanding Debt
2017	None	46,991,267	24,754,469
2018	None	47,461,179	23,525,007
2019	None	47,935,791	21,666,365
2020	None	48,415,149	19,833,658
2021	None	48,899,301	18,107,022
2022	None	49,388,294	16,482,389
2023	None	49,882,176	14,957,454

DBIDA Estimated Legal Debt Limits*			
FY End	Statutory Flat Amount	Policy None	Outstanding Debt**
2017	5,000,000	None	2,450,000
2018	5,000,000	None	2,327,500
2019	5,000,000	None	2,205,000
2020	5,000,000	None	2,082,500
2021	5,000,000	None	1,960,000
2022	5,000,000	None	1,837,500
2023	5,000,000	None	1,715,000

Exempt from Limits & Total Debt			
FY End	Exempt From Legal	Exempt from Policy	Total Debt O/S
2017	43,042,328	18,287,860	210,312,151
2018	41,852,677	18,327,669	213,803,987
2019	39,302,951	17,636,586	214,590,124
2020	36,240,126	16,406,468	209,982,317
2021	36,261,016	18,153,994	201,627,025
2022	36,604,416	20,122,027	190,278,779
2023	33,499,928	18,542,474	177,248,080

* Limit only applies to old debt. New debt issued without limits.

** Includes debt issued without limit

2018 Debt Retirement by Department/Function	
Department/Function	Amount
City	3,979,031
School	2,007,771
Total General Fund	5,986,802
Special Revenue Funds	382,452
Water Fund	1,037,696
Sewer Fund	1,150,758
DBIDA	0
Downtown TIF	275,000
Total All Funds	8,832,707

Capital Improvements Program

Credit Rating

The City is reviewed by Moody's Investors Service and Standard & Poor's each time it issues a long term bond to finance a capital improvements program. The reviews are made in order to rate the risk associated with the bonds to the investor purchasing the bonds. The risk is measured by reviewing the finances of the City, doing comparative year analysis, calculating ratios, investigating trends, looking at any major liability issues, and talking with management. After their review, the rate that is issued reflects the credit worthiness of the City.

There are seven major rating categories used by Moody's for municipal bonds. They are **Aaa** (highest quality), **Aa**, **A**, **Baa**, **Ba**, **B**, **C** (lowest quality). Except for **Aaa** & **C**, each category has sub ratings of 1, 2 and 3 to indicate the various levels of quality, e.g., **Baa1**. **Baa** is the lowest investment grade rating.

From 1940 until 1990 the City of Dover held an **A** rating. The City received two downgrades in 1990 and 1991. The City was downgraded to a **Baa1** and then to a **Baa**. The reason for the downgrades related to the impact to tax collections brought on by the recession. On August 31, 1999 the City was informed by Moody's that its rating had been upgraded to a **Baa1**. On May 9, 2001 the City received a second upgrade from Moody's to an **A3**. On June 10, 2003 the City received its third upgrade from Moody's to an **A2**. Moody's held this rating in 2004. In June 2005 the City received an upgrade to **A1**. This was held in 2006 and reaffirmed in 2007. In 2008 Moody's conducted a rating review and reaffirmed the City's **A1** rating. In 2010 Moody's reaffirmed the City's **A1** rating through conducting a rating review. On May 1, 2010 Moody's recalibrated the U.S. Municipal Rating scale to the Global Scale, which resulted in the City's **A1** rating changing to **Aa2**. In May 2012 Moody's adjusted the City's rating to **Aa3**, and reaffirmed this rating in May 2014 and again in February 2016. Moody's definition to the **A** rating is:

Bonds which are rated A possess many favorable investment attributes and are considered as upper-medium-grade obligations. Factors giving security to principal and interest are considered adequate, but elements may be present which suggest a susceptibility to impairment some time in the future.

There are nine major rating categories used by Standard & Poor's for municipal bonds. They are **AAA** (highest quality), **AA**, **A**, **BBB**, **BB**, **B**, **CCC**, **CC**, **C** (lowest quality). Ratings from **AA** to **CCC** may be modified by a + or - to indicate the various levels of quality, e.g., **AA-**. **BBB** is the lowest investment grade rating.

On June 10, 2003, the City received a credit rating from Standard and Poor's of an **A+**. Standard and Poor's held this rating in 2004. In June 2005 they increased the City rating to **AA-**. This rating held in 2006 and was reaffirmed in 2007. In 2008 Standard & Poor's conducted a rating review and upgraded the City's rating to **AA**. In 2010 and 2012 Standard & Poor's reaffirmed the City's **AA** rating. In May 2014 Standard & Poor's upgraded the City's rating to **AA+** and the rating was reaffirmed in April 2015 and again in February 2016. The Standard and Poor's definition to the **AA** rating is:

An obligation rated AA differs from the highest-rated obligations only in small degree. The obligor's capacity to meet its financial commitment on the obligation is very strong.

Capital Improvements Program

The bond rating is a measurement of the City's financial health, and it is made available to all interested parties. There are major implications to having a lower bond rating. Even if bonds are insured, the underlying credit of the municipality can affect the interest rate attained. Lower credit ratings generally mean higher interest rates, which for long term securities can mean significantly higher costs. Second, it can restrict the City from issuing its own long term debt. Although other avenues may be present, they may not have the structure or maturity dates the City desires. Lower ratings can also affect short term financings, either through higher interest costs or, even worse, the evaporation of investor interest. A good rating can increase flexibility in the market place by allowing the City to structure its bonds to its needs. Better ratings tend to draw more investors, which can save money through competition.

Financial Indicators

Included within the City analysis of the CIP are comparisons to certain ratios used by Moody's and Standard & Poor's. These are general debt indicators and performance ratios common to the municipal bond industry. Numerous credit factors, each weighted separately, lead to the determination of a bond credit rating. The City has included a comparison of CIP impact to some of the key indicators, helping to identify trouble areas and strong points. Moody's ratios are based on information gathered nationally through their rating process. The medians used in most cases are national medians, unless otherwise indicated.

General Fund Indicators

Median Overall Net Debt per Capita - The dollar amount of net tax supported debt per person in the community. Per capita debt is calculated by dividing the net tax supported debt by the estimated population. For purposes of Dover's analysis, estimated population figures were used for projection of this ratio.

Net Debt	
Fiscal Year	Per Capita
2017	4,246
2018	4,406
2019	4,254
2020	4,152
2021	3,955
2022	3,724
2023	3,480

Median Net Debt to Equalized Value - The ratio of net tax supported debt to equalized value represents the burden of debt to the tax base which will eventually repay that debt. This is calculated by adjusting the net assessed value to estimated market value, then dividing net tax supported debt by this adjusted value amount. For purposes of Dover's analysis, estimated value amounts were used. For cities with populations of less than 50,000, Moody's median net debt to equalized value for FY2015 was 2.51%.

Net Debt/ Equal Val	
Fiscal Year	
2017	4.23%
2018	4.37%
2019	4.20%
2020	4.09%
2021	3.88%
2022	3.63%
2023	3.38%

Debt Service as a Percentage of Budget - Represents the portion of the budget that goes toward debt payments. In general, 10% to 15% is seen as a high end to analysts. This is calculated by dividing the annual net tax supported debt payments (principal and interest) by the total budget. In the case of this analysis, estimated budget dollars were used for projections of this ratio.

Debt Service	
Fiscal Year	% Budget
2017	11.01%
2018	9.62%
2019	10.89%
2020	10.50%
2021	10.07%
2022	9.24%
2023	8.52%

Capital Improvements Program

Enterprise Fund Indicators

Debt Service as a Percentage of Budget - The recommended policies set maximums for net debt service for the Water and Sewer Funds at 40% of budget. The Water Fund level rises as a result of debt being incurred for Water System Facilities upgrades. The Sewer Fund level increases as a result of debt being incurred for the major upgrade to the Wastewater Treatment Plant (WWTP) Facility.

Net Debt as % of Budget		
Fiscal Year	Water	Sewer
2017	36.75%	25.45%
2018	64.38%	39.03%
2019	67.67%	35.28%
2020	78.27%	32.62%
2021	74.09%	29.23%
2022	68.72%	26.18%
2023	65.00%	23.32%

Median Debt Service Coverage - Reflects current and prospective debt repayment abilities by comparing amount of net revenues raised annually to the amount of annual net debt payments. The higher the ratio the better. This is calculated by dividing the net revenue (gross revenue less operation and maintenance expenses) by the principal and interest requirements of the utility. Net revenue for last fiscal year were used to calculate all years.

The Water Fund remains at or slightly below 1 times debt requirements for all years due to debt financing the Water System Facilities upgrades. The Sewer Fund Debt Service Coverage shows some weakening over time due to debt retired by the State being completed inconjunction with a proposed increase in debt for the WWTP Facility Upgrade project.

Moody's	2.30	1.70
Fiscal Year	Water	Sewer
2017	1.45	1.70
2018	0.83	1.11
2019	0.79	1.23
2020	0.68	1.33
2021	0.72	1.48
2022	0.78	1.65
2023	0.82	1.86

Median Debt Ratio - Indicates the reliance of the utility on debt financing and its ability to support additional debt. This is calculated by dividing the balance of net rate supported debt (principal balance only) by the total assets of the utility. A lower ratio is better, showing less reliance on debt and a better ability to support additional debt in the future.

The Water Fund reflects higher reliance on debt to finance Water System Facilities upgrades over the next six years. The Sewer Fund reflects a low ratio due that increases initially due to the proposed WWTP Facility Upgrade project. However, over time the Sewer Fund reflects less reliance on debt.

Moody's	30.3%	53.5%
Fiscal Year	Water	Sewer
2017	87.37%	62.69%
2018	68.54%	58.49%
2019	88.36%	52.89%
2020	84.58%	48.44%
2021	76.63%	44.24%
2022	71.21%	40.29%
2023	65.55%	36.58%

Capital Improvements Program - FY2018-2023

Summary By Financing Source

Source	Fiscal Year						Total
	2018	2019	2020	2021	2022	2023	
Debt Financed							
City Departments	1,482,000	2,704,490	2,400,000	4,075,000	1,500,000	625,000	12,786,490
School Department	-	520,500	-	-	500,000	-	1,020,500
Total General Fund	1,482,000	3,224,990	2,400,000	4,075,000	2,000,000	625,000	13,806,990
Special Revenue	-	-	-	-	2,400,000	-	2,400,000
TIF District Funds	800,000	-	-	3,112,500	1,000,000	1,000,000	5,912,500
Water Fund	9,250,000	100,000	-	1,000,000	-	475,000	10,825,000
Sewer Fund	750,000	750,000	-	-	-	-	1,500,000
							-
Total Other Funds	10,800,000	850,000	-	4,112,500	3,400,000	1,475,000	20,637,500
Total Debt Financed	12,282,000	4,074,990	2,400,000	8,187,500	5,400,000	2,100,000	34,444,490
Operating Budget Financed							
City Departments	3,559,848	3,636,794	3,716,509	3,799,091	3,876,929	3,974,151	22,563,322
School Department	505,000	505,000	455,000	505,000	330,000	380,000	2,680,000
Total General Fund	4,064,848	4,141,794	4,171,509	4,304,091	4,206,929	4,354,151	25,243,322
Special Revenue	125,000	105,000	225,000	105,000	105,000	105,000	770,000
Water Fund	765,000	765,000	765,000	765,000	765,000	765,000	4,590,000
Sewer Fund	590,000	590,000	590,000	640,000	590,000	590,000	3,590,000
Total Other Funds	1,480,000	1,460,000	1,580,000	1,510,000	1,460,000	1,460,000	8,950,000
Total Oper Budget Financed	5,544,848	5,601,794	5,751,509	5,814,091	5,666,929	5,814,151	34,193,322
Reserve Fund Financed							
City Departments	908,250	1,120,750	573,250	1,697,000	1,123,250	1,131,531	6,554,031
School Department	-	-	75,000	-	200,000	125,000	400,000
Total General Fund	908,250	1,120,750	648,250	1,697,000	1,323,250	1,256,531	6,954,031
Special Revenue	-	15,000	15,000	15,000	15,000	15,000	75,000
Water Fund	315,000	415,000	315,000	440,000	315,000	315,000	2,115,000
Sewer Fund	490,000	640,000	921,250	490,000	490,000	490,000	3,521,250
Total Other Funds	805,000	1,070,000	1,251,250	945,000	820,000	820,000	5,711,250
Total Reserve Fund Financed	1,713,250	2,190,750	1,899,500	2,642,000	2,143,250	2,076,531	12,665,281
Grant Financed							
City Departments	100,000	530,000	320,000	-	-	-	950,000
School Department	-	-	-	-	-	-	-
Total General Fund	100,000	530,000	320,000	-	-	-	950,000
Special Revenue	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-
Total Other Funds	-	-	-	-	-	-	-
Total Grant Financed	100,000	530,000	320,000	-	-	-	950,000
Existing Funds Financed							
City Departments	-	-	-	-	-	-	-
School Department	-	-	-	-	-	-	-
Total General Fund	-	-	-	-	-	-	-
Special Revenue	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-
Total Other Funds	-	-	-	-	-	-	-
Total Existing Funds Financed	-	-	-	-	-	-	-
All Financing Sources							
City Departments	6,050,098	7,992,034	7,009,759	9,571,091	6,500,179	5,730,682	42,853,843
School Department	505,000	1,025,500	530,000	505,000	1,030,000	505,000	4,100,500
Total General Fund	6,555,098	9,017,534	7,539,759	10,076,091	7,530,179	6,235,682	46,954,343
Special Revenue	125,000	120,000	240,000	120,000	2,520,000	120,000	3,245,000
TIF District Funds	800,000	-	-	3,112,500	1,000,000	1,000,000	5,912,500
Water Fund	10,330,000	1,280,000	1,080,000	2,205,000	1,080,000	1,555,000	17,530,000
Sewer Fund	1,830,000	1,980,000	1,511,250	1,130,000	1,080,000	1,080,000	8,611,250
Total Other Funds	13,085,000	3,380,000	2,831,250	6,567,500	5,680,000	3,755,000	35,298,750
Total All Financing Sources	19,640,098	12,397,534	10,371,009	16,643,591	13,210,179	9,990,682	82,253,093

Capital Improvements Program - FY2018-2023

All Projects

BOLD = New Project		* = Multi Category Project		Fiscal Year					Finance		
UNDERLINED = Change in Schedule		ITALIC = \$ Change		2018	2019	2020	2021	2022	2023	Total	Method
PROJECT DESCRIPTION											
GENERAL GOVERNMENT											
Transfer to Capital Reserve - Infrastructure & Equip	850,000	850,000	850,000	850,000	850,000	850,000	850,000	850,000	850,000	5,100,000	OB
Transfer to Capital Reserve - Cemetery	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	750,000	OB
Citywide Building Transducer Replacement	50,000									50,000	RF
City Hall Structural/Safety Improvements	250,000	250,000		250,000						750,000	DF
Cemetery Improvements				550,000						550,000	RF
Chapel Restoration				200,000						200,000	RF
City Hall Boiler Replacement				120,000						120,000	RF
Transportation Center Repairs								30,000		30,000	RF
TOTAL GENERAL GOVT.	1,275,000	1,225,000	975,000	2,095,000	1,005,000	975,000	7,550,000				
POLICE											
Police Cruiser Replacement Program	128,250	128,250	128,250	128,250	128,250	128,250	128,250	128,250	128,250	769,500	RF
Public Safety Communication Upgrade		1,334,490								1,334,490	DF/GR
Records Management/CAD Software Upgrade									273,281	273,281	OB
TOTAL POLICE	128,250	1,462,740	128,250	128,250	128,250	128,250	401,531	2,377,271			
FIRE & RESCUE											
Fire Quint/Pumper Replacement	890,000					540,000				1,430,000	DF/RF
Heating Plant Central and South End Stations	65,000									65,000	RF
McConnell Center Generator	317,000									317,000	DF/GR
Ambulance Replacement		240,000		240,000				240,000		720,000	RF
Command/Staff Vehicle Replacement		55,000						55,000		110,000	RF
Front Line Vehicle Corosion Repair		47,500		90,000						137,500	RF
North End Station Traffic Light Improvements								85,000		85,000	RF
Central Station Improvements			90,000							90,000	RF
TOTAL FIRE & RESCUE	1,272,000	342,500	90,000	330,000	540,000	380,000	2,954,500				
COMMUNITY SERVICES - PUBLIC WORKS											
PW Heavy Equipment	200,000	200,000	200,000	293,750	200,000	200,000	200,000	200,000	200,000	1,293,750	RF
General Streets Improvements	1,931,933	2,001,482	2,073,536	2,148,183	2,212,937	2,301,454	12,669,525				OB
General Sidewalk Improvements	104,000	108,160	112,486	116,986	126,532	131,593	699,757				OB
Bridge Improvements	100,000	100,000	100,000	100,000	100,000	100,000	600,000				OB
Drainage System Improvements	150,000	150,000	150,000	150,000	150,000	150,000	900,000				OB
Traffic Signal Upgrades	75,000	75,000	75,000	75,000	75,000	75,000	450,000				OB
Sidewalk - Upper Whittier Street	25,000		250,000				275,000				DF
Street Reconstruction - Roberts Road*	100,000	750,000					850,000				DF
TIP-Community Trail			400,000				400,000				GR
Street Reconstruction - Elm/Summer/Belknap		200,000		2,000,000			2,200,000				DF
Bridge Replacement - County Farm			250,000				250,000				DF
Bridge Replacement - Route 108			250,000				250,000				DF
Street Reconstruction - Atlantic Ave			1,500,000				1,500,000				DF
Street Reconstruction - Court Street			150,000		1,000,000		1,150,000				DF
Central Ave Drainage Work*				75,000		175,000	250,000				DF
Downtown Traffic Efficiency Improvements				750,000			750,000				DF
Street Reconstruction Fifth Street				500,000			500,000				DF
Street Light Upgrades LED		700,000					700,000				DF
Street Reconstruction - Spur Rd*				500,000	500,000		1,000,000				DF
TOTAL COMM SERV - PW	2,685,933	4,284,642	5,511,022	6,708,919	4,364,469	3,133,047	26,688,032				
CULTURE & RECREATION											
Transfer to Capital Reserve - Park/Playground Imprv.	112,500	112,500	112,500	112,500	112,500	112,500	675,000				OB
Park Infrastructure Replace/Maintenance	75,000		75,000	75,000	75,000	75,000	375,000				RF
Arena - Zamboni Replacement	90,000						90,000				RF
Indoor Pool Heating System Repairs		200,000					200,000				RF
Arena - Foster Rink Renovations						75,000	75,000				RF
Park Improvements - Garrison Hill Park		250,000					250,000				RF
Indoor Pool Solarium						150,000	150,000				RF
TOTAL CULTURE & RECREATION	277,500	562,500	187,500	187,500	337,500	262,500	1,815,000				
PUBLIC LIBRARY											
Library Books and Collections	111,415	114,652	117,987	121,422	124,960	128,604	719,040				OB
Air Conditioning Phase 2	300,000						300,000				RF
Replace Slate Roof						450,000	450,000				DF
TOTAL PUBLIC LIBRARY	411,415	114,652	117,987	121,422	124,960	578,604	1,469,040				
TOTAL CITY DEPARTMENTS											
	6,050,098	7,992,034	7,009,759	9,571,091	6,500,179	5,730,682	42,853,843				

Capital Improvements Program - FY2018-2023

All Projects

BOLD = New Project	* = Multi Category Project							
UNDERLINED = Change in Schedule	ITALIC = \$ Change							
PROJECT DESCRIPTION	2018	2019	2020	2021	2022	2023	Total	Finance Method
EDUCATION								
Transfer to Capital Reserve - Curriculum	45,000	45,000	45,000	45,000	45,000	45,000	270,000	OB
Transfer to Capital Reserve - Facilities	50,000	50,000	50,000	50,000	50,000	50,000	300,000	OB
Transfer to Capital Reserve - Info. Technology	40,000	40,000	40,000	40,000	40,000	40,000	240,000	OB
Transfer to Capital Reserve - Athletics	20,000	20,000	20,000	20,000	20,000	20,000	120,000	OB
Curriculum Replacement and Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	600,000	RF/OB
Facilities/School Maintenance and Repairs	125,000	125,000	125,000	125,000	125,000	125,000	750,000	OB/RF
Information Technology Replacement & Upgrade	125,000	125,000	150,000	125,000	150,000	125,000	800,000	OB
Middle School - Roof Replacement		520,500			500,000		1,020,500	DF
TOTAL EDUCATION	505,000	1,025,500	530,000	505,000	1,030,000	505,000	4,100,500	
TOTAL GENERAL FUND	6,555,098	9,017,534	7,539,759	10,076,091	7,530,179	6,235,682	46,954,343	
SPECIAL REVENUE FUNDS								
SAU Cafeteria Maintenance/Repair/Upgrade	75,000	40,000	40,000	40,000	40,000	40,000	275,000	OB
SAU Light Vehicle Replacement	50,000	50,000	50,000	50,000	50,000	50,000	300,000	OB
SAU Athletic Improvements		30,000	30,000	30,000	30,000	30,000	150,000	OB
McConnell Center Trim Repairs/Painting			120,000				120,000	OB
Parking Deck - School Street					2,400,000		2,400,000	DF
TOTAL SPECIAL REVENUE FUNDS	125,000	120,000	240,000	120,000	2,520,000	120,000	3,245,000	
TIF DISTRICT FUNDS								
Cochecho Riverfront Site Preparation	500,000						500,000	DF
Cochecho Riverfront Park Development	300,000			1,112,500			1,412,500	DF
Street/Utility Extension - Waterfront Parcel				2,000,000			2,000,000	DF
Park Improvements - Maglaras Park					1,000,000		1,000,000	DF
Street Reconstruction Henry Law Ave						1,000,000	1,000,000	DF
TOTAL TIF DISTRICT FUNDS	800,000	0	0	3,112,500	1,000,000	1,000,000	5,912,500	
COMMUNITY SERVICES - WATER FUND								
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	OB
Water Exploration	100,000	100,000	100,000	100,000	100,000	100,000	600,000	RF
Water Heavy Equipment Replacement	40,000	40,000	40,000	40,000	40,000	40,000	240,000	RF
Water Light Vehicle Replacement*	15,000	15,000	15,000	15,000	15,000	15,000	90,000	OB
Water Main Replacement - City Wide	75,000	75,000	75,000	75,000	75,000	75,000	450,000	RF
Water Meter Replacement	175,000	175,000	175,000	175,000	175,000	175,000	1,050,000	OB
Water Treatment Plant & Well Equipment	75,000	75,000	75,000	75,000	75,000	75,000	450,000	OB
Wellhead Protection	100,000	100,000	100,000	100,000	100,000	100,000	600,000	RF
Water System Facilities Upgrade	8,000,000						8,000,000	DF
Water Main Replacement - Oak/Broadway Area*	1,250,000						1,250,000	DF
Water Main Replacement - Elm Street Area*		100,000		725,000			825,000	DF
Water Main Replacement - Spur Road*		100,000					100,000	RF
Water Main Replacement - Central Avenue - Lower*				100,000		150,000	250,000	DF
Water Main Replacement - Central Avenue - Upper*				75,000		175,000	250,000	DF
Water Main Replacement - Fifth St*				125,000			125,000	RF
Water Main Replacement - Littleworth Road				100,000		150,000	250,000	DF
TOTAL WATER FUND	10,330,000	1,280,000	1,080,000	2,205,000	1,080,000	1,555,000	17,530,000	
COMMUNITY SERVICES - SEWER FUND								
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	OB
Inflow/Infiltration Study/Mitigation	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000	RF
Pump Station Equipment Replace-Maint.	75,000	75,000	75,000	75,000	75,000	75,000	450,000	OB
Sewer Heavy Equipment Replacement	40,000	40,000	40,000	40,000	40,000	40,000	240,000	RF
Sewer Light Vehicle Replacement*	15,000	15,000	15,000	15,000	15,000	15,000	90,000	OB
Sewer Main Replacements - City Wide	150,000	150,000	150,000	150,000	150,000	150,000	900,000	RF
Sewer Main Replacement - Oak/Broadway Area*	750,000						750,000	DF
Sewer Main Replacement - Floral Ave		750,000					750,000	DF
Pump Station Upgrade - Piscataqua		150,000					150,000	RF
Pump Station Upgrade - River Street			150,000				150,000	RF
Sewer Jet Truck Replacement*			281,250				281,250	RF
Sewer Inspection Camera				50,000			50,000	OB
TOTAL SEWER FUND	1,830,000	1,980,000	1,511,250	1,130,000	1,080,000	1,080,000	8,611,250	
TOTAL OTHER FUNDS	12,160,000	3,260,000	2,591,250	3,335,000	2,160,000	2,635,000	26,141,250	
TOTAL ALL PROJECTS	19,640,098	12,397,534	10,371,009	16,643,591	13,210,179	9,990,682	82,253,093	

Capital Improvements Program - FY2018-2023

Debt Financed Portion

		* = Multi Category Project									
				Fiscal Year							
UNDERLINED = Change in Schedule		ITALIC = \$ Change									
PROJECT DESCRIPTION	2018	2019	2020	2021	2022	2023	Total	Amort			
GENERAL GOVERNMENT											
City Hall Structural/Safety Improvements	250,000	250,000		250,000			750,000	20			
TOTAL GENERAL GOV'T	250,000	250,000	0	250,000	0	0	750,000				
POLICE											
Public Safety Communications Upgrade		904,490					904,490	15			
TOTAL POLICE	0	904,490	0	0	0	0	904,490				
FIRE & RESCUE											
<i>Fire Quint/Pumper Replacement</i>	890,000						890,000	15			
McConnell Center Generator	217,000						217,000	10			
TOTAL FIRE & RESCUE	1,107,000	0	0	0	0	0	1,107,000				
COMMUNITY SERVICES - PUBLIC WORKS											
Sidewalk - Upper Whittier Street	25,000		250,000				275,000	20			
<i>Street Reconstruction - Roberts Road*</i>	100,000	750,000					850,000	20			
Street Reconstruction - Elm/Summer/Belknap		200,000		2,000,000			2,200,000	20			
Bridge Replacement - County Farm			250,000				250,000	20			
Bridge Replacement - Route 108			250,000				250,000	20			
Street Reconstruction - Atlantic Ave			1,500,000				1,500,000	20			
Street Reconstruction - Court Street			150,000		1,000,000		1,150,000	20			
Central Ave Drainage Work*				75,000		175,000	250,000	20			
Downtown Traffic Efficiency Improvements				750,000			750,000	20			
Street Reconstruction Fifth Street				500,000			500,000	20			
Street Light Upgrades LED		600,000					600,000	10			
Street Reconstruction - Spur Rd*				500,000	500,000		1,000,000	20			
TOTAL COMM SERV - PW	125,000	1,550,000	2,400,000	3,825,000	1,500,000	175,000	9,575,000				
CULTURE & RECREATION											
TOTAL CULTURE & RECREATION	0	0	0	0	0	0	0	0			
PUBLIC LIBRARY											
Replace Slate Roof						450,000	450,000	20			
TOTAL PUBLIC LIBRARY	0	0	0	0	0	450,000	450,000				
TOTAL CITY DEPARTMENTS	1,482,000	2,704,490	2,400,000	4,075,000	1,500,000	625,000	12,786,490				
EDUCATION											
Middle School - Roof Replacement		520,500			500,000		1,020,500	20			
TOTAL EDUCATION	0	520,500	0	0	500,000	0	1,020,500				
TOTAL GENERAL FUND	1,482,000	3,224,990	2,400,000	4,075,000	2,000,000	625,000	13,806,990				

Capital Improvements Program - FY2018-2023

Debt Financed Portion

BOLD = New Project		* = Multi Category Project						
UNDERLINED = Change in Schedule		ITALIC = \$ Change						
PROJECT DESCRIPTION	Fiscal Year						Total	Amort
	2018	2019	2020	2021	2022	2023		
SPECIAL REVENUE FUNDS								
Parking Deck - School Street					2,400,000		2,400,000	20
TOTAL SPECIAL REVENUE FUNDS	0	0	0	0	2,400,000	0	2,400,000	
TIF DISTRICT FUNDS								
Cochecho Riverfront Site Preparation	500,000						500,000	20
Cochecho Riverfront Park Development	300,000			1,112,500			1,412,500	20
Street/Utility Extension - Waterfront Parcel				2,000,000			2,000,000	20
<u>Park Improvements - Maglaras Park</u>					1,000,000		1,000,000	20
<u>Street Reconstruction Henry Law Ave</u>						1,000,000	1,000,000	20
TOTAL TIF DISTRICT FUNDS	800,000	0	0	3,112,500	1,000,000	1,000,000	5,912,500	
COMMUNITY SERVICES - WATER FUND								
Water System Facilities Upgrade	8,000,000						8,000,000	20
Water Main Replacement - Oak/Broadway Area*	1,250,000						1,250,000	20
Water Main Replacement - Elm Street Area*		100,000		725,000			825,000	20
Water Main Replacement - Central Avenue - Lower*				100,000		150,000	250,000	20
Water Main Replacement - Central Avenue - Upper*				75,000		175,000	250,000	20
Water Main Replacement - Littleworth Road				100,000		150,000	250,000	20
TOTAL WATER FUND	9,250,000	100,000	0	1,000,000	0	475,000	10,825,000	
COMMUNITY SERVICES - SEWER FUND								
Sewer Main Replacement - Oak/Broadway Area*	750,000						750,000	15
Sewer Main Replacement - Floral Ave		750,000					750,000	15
TOTAL SEWER FUND	750,000	750,000	0	0	0	0	1,500,000	
TOTAL OTHER FUNDS								
	10,800,000	850,000	0	4,112,500	3,400,000	1,475,000	20,637,500	
TOTAL DEBT FINANCED	12,282,000	4,074,990	2,400,000	8,187,500	5,400,000	2,100,000	34,444,490	

Capital Improvements Program - FY2018-2023

Operating Budget Financed Portion

BOLD = New Project		* = Multi Category Project					
UNDERLINED = Change in Schedule		ITALIC = \$ Change					
PROJECT DESCRIPTION	2018	2019	Fiscal Year		2022	2023	Total
			2020	2021			
GENERAL GOVERNMENT							
Transfer to Capital Reserve - Infrastructure & Equip	850,000	850,000	850,000	850,000	850,000	850,000	5,100,000
Transfer to Capital Reserve - Cemetery	125,000	125,000	125,000	125,000	125,000	125,000	750,000
TOTAL GENERAL GOV'T	975,000	975,000	975,000	975,000	975,000	975,000	5,850,000
POLICE							
TOTAL POLICE	0	0	0	0	0	0	0
FIRE & RESCUE							
TOTAL FIRE & RESCUE	0	0	0	0	0	0	0
COMMUNITY SERVICES - PUBLIC WORKS							
General Streets Improvements	1,931,933	2,001,482	2,073,536	2,148,183	2,212,937	2,301,454	12,669,525
General Sidewalk Improvements	104,000	108,160	112,486	116,986	126,532	131,593	699,757
Bridge Improvements	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Drainage System Improvements	150,000	150,000	150,000	150,000	150,000	150,000	900,000
Traffic Signal Upgrades	75,000	75,000	75,000	75,000	75,000	75,000	450,000
TOTAL COMM SERV - PW	2,360,933	2,434,642	2,511,022	2,590,169	2,664,469	2,758,047	15,319,282
CULTURE & RECREATION							
Transfer to Capital Reserve - Park/Playground Imprv.	112,500	112,500	112,500	112,500	112,500	112,500	675,000
TOTAL CULTURE & RECREATION	112,500	112,500	112,500	112,500	112,500	112,500	675,000
PUBLIC LIBRARY							
Library Books and Collections	111,415	114,652	117,987	121,422	124,960	128,604	719,040
TOTAL PUBLIC LIBRARY	111,415	114,652	117,987	121,422	124,960	128,604	719,040
TOTAL CITY DEPARTMENTS	3,559,848	3,636,794	3,716,509	3,799,091	3,876,929	3,974,151	22,563,322
EDUCATION							
Transfer to Capital Reserve - Curriculum	45,000	45,000	45,000	45,000	45,000	45,000	270,000
Transfer to Capital Reserve - Facilities	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Transfer to Capital Reserve - Info. Technology	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Transfer to Capital Reserve - Athletics	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Curriculum Replacement and Upgrade	100,000	100,000	50,000	100,000	50,000	100,000	500,000
Facilities/School Maintenance and Repairs	125,000	125,000	125,000	125,000	0	0	500,000
Information Technology Replacement & Upgrade	125,000	125,000	125,000	125,000	125,000	125,000	750,000
TOTAL EDUCATION	505,000	505,000	455,000	505,000	330,000	380,000	2,680,000
TOTAL GENERAL FUND	4,064,848	4,141,794	4,171,509	4,304,091	4,206,929	4,354,151	25,243,322
SPECIAL REVENUE FUNDS							
SAU Cafeteria Maintenance/Repair/Upgrade	75,000	40,000	40,000	40,000	40,000	40,000	275,000
SAU Light Vehicle Replacement	50,000	50,000	50,000	50,000	50,000	50,000	300,000
SAU Athletic Improvements		15,000	15,000	15,000	15,000	15,000	75,000
McConnell Center Trim Repairs/Painting			120,000				120,000
TOTAL SPECIAL REVENUE FUNDS	125,000	105,000	225,000	105,000	105,000	105,000	770,000
COMMUNITY SERVICES - WATER FUND							
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Water Light Vehicle Replacement*	15,000	15,000	15,000	15,000	15,000	15,000	90,000
Water Meter Replacement	175,000	175,000	175,000	175,000	175,000	175,000	1,050,000
Water Treatment Plant & Well Equipment	75,000	75,000	75,000	75,000	75,000	75,000	450,000
TOTAL WATER FUND	765,000	765,000	765,000	765,000	765,000	765,000	4,590,000
COMMUNITY SERVICES - SEWER FUND							
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Pump Station Equipment Replace-Maint.	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Sewer Light Vehicle Replacement*	15,000	15,000	15,000	15,000	15,000	15,000	90,000
Sewer Inspection Camera				50,000			50,000
TOTAL SEWER FUND	590,000	590,000	590,000	640,000	590,000	590,000	3,590,000
TOTAL OTHER FUNDS	1,355,000	1,355,000	1,355,000	1,405,000	1,355,000	1,355,000	8,180,000
TOTAL ALL FUNDS	5,544,848	5,601,794	5,751,509	5,814,091	5,666,929	5,814,151	34,193,322

Capital Improvements Program - FY2018-2023

Reserve Financed Portion

PROJECT DESCRIPTION	Fiscal Year						
	2018	2019	2020	2021	2022	2023	Total
GENERAL FUND RESERVE							
Citywide Building Transducer Replacement	50,000						50,000
Chapel Restoration				200,000			200,000
City Hall Boiler Replacement				120,000			120,000
Police Cruiser Replacement Program	128,250	128,250	128,250	128,250	128,250	128,250	769,500
<u>Fire Quint/Pumper Replacement</u>					540,000		540,000
<u>Heating Plant Central and South End Stations</u>	65,000						65,000
<u>Ambulance Replacement</u>		240,000		240,000		240,000	720,000
<u>Command/Staff Vehicle Replacement</u>		55,000				55,000	110,000
<u>Front Line Vehicle Corrosion Repair</u>		47,500		90,000			137,500
<u>Central Station Improvements</u>			90,000				90,000
Public Works Heavy Equipment	200,000	200,000	200,000	293,750	200,000	200,000	1,293,750
Public Library Air Conditioning Phase 2	300,000						300,000
Total General Fund Reserved Financed	743,250	670,750	418,250	1,072,000	868,250	623,250	4,395,750
CEMETERY MAINTENANCE RESERVE							
Cemetery Improvements				550,000			550,000
Total Cemetery Maintenance Reserve	0	0	0	550,000	0	0	550,000
TRANSPORTATION RESERVE							
Transportation Center Repairs					30,000		30,000
TIP - Community Trail			80,000				80,000
Total Transportation Reserved Financed	0	0	80,000	0	30,000	0	110,000
PARK IMPROVEMENTS RESERVE							
Park Infrastructure Replace/Maintenance	50,000		50,000	50,000	50,000	50,000	250,000
<u>Indoor Pool Heating System Repairs</u>		200,000					200,000
Park Improvements - Garrison Hill Park		30,000					30,000
Indoor Pool Solarium					125,000		125,000
Total Park Improvements Reserve	50,000	230,000	50,000	50,000	175,000	50,000	605,000
POLICE FACILITIES RESERVE							
<u>Records Management/CAD Software Upgrade</u>						183,000	183,000
Total Police Facilities Reserve	0	0	0	0	0	183,000	183,000
FIRE & RESCUE FACILITIES RESERVE							
North End Station Traffic Light Improvements						85,000	85,000
<u>Records Management/CAD Software Upgrade</u>						90,281	90,281
Total Fire & Rescue Facilities Reserve	0	0	0	0	0	175,281	175,281
RECREATION FACILITIES RESERVE							
Park Infrastructure Replace/Maintenance	25,000		25,000	25,000	25,000	25,000	125,000
Park Improvements - Garrison Hill Park		220,000					220,000
Indoor Pool Solarium					25,000		25,000
Total Recreation Facilities Reserve	25,000	220,000	25,000	25,000	50,000	25,000	370,000
ARENA IMPROVEMENTS RESERVE							
Arena - Zamboni Replacement	90,000						90,000
Arena - Foster Rink Renovations						75,000	75,000
Total Arena Improvements Reserve	90,000	0	0	0	0	75,000	165,000

Capital Improvements Program - FY2018-2023

Reserve Financed Portion

BOLD = New Project		* = Multi Category Project					
UNDERLINED = Change in Schedule		ITALIC = \$ Change					
PROJECT DESCRIPTION	2018	2019	Fiscal Year		2022	2023	Total
			2020	2021			
SCHOOL FACILITY RESERVE							
Facilities/School Maintenance and Repairs					125,000	125,000	250,000
Total School Facility Reserved Financed	0	0	0	0	125,000	125,000	250,000
SCHOOL CURRICULUM RESERVE							
Curriculum Replacement and Upgrade			50,000		50,000		100,000
Total School Curriculum Reserve	0	0	50,000	0	50,000	0	100,000
SCHOOL ATHLETICS RESERVE							
SAU Athletic Improvements		15,000	15,000	15,000	15,000	15,000	75,000
Total School Athletics Reserve	0	15,000	15,000	15,000	15,000	15,000	75,000
SCHOOL TECHNOLOGY RESERVE							
Information Technology Replacement and Upgrade			25,000		25,000		50,000
Total School Technology Reserve	0	0	25,000	0	25,000	0	50,000
Total General Fund Reserved Financed	908,250	1,135,750	663,250	1,712,000	1,338,250	1,271,531	7,029,031
WATER FUND CAPITAL RESERVE							
Water Exploration	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Water Heavy Equipment Replacement	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Water Main Replacement - City Wide	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Wellhead Protection	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Water Main Replacement - Spur Road*		100,000					100,000
Water Main Replacement - Fifth St*				125,000			125,000
Total Water Fund	315,000	415,000	315,000	440,000	315,000	315,000	2,115,000
SEWER FUND CAPITAL RESERVE							
Inflow/Infiltration Study/Mitigation	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Sewer Heavy Equipment Replacement	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Sewer Main Replacements - City Wide	150,000	150,000	150,000	150,000	150,000	150,000	900,000
Pump Station Upgrade - Piscataqua		150,000					150,000
Pump Stateion Upgrade - River Street			150,000				150,000
Sewer Jet Truck Replacement*			281,250				281,250
Total Sewer Fund	490,000	640,000	921,250	490,000	490,000	490,000	3,521,250
TOTAL RESERVE FUNDS	1,713,250	2,190,750	1,899,500	2,642,000	2,143,250	2,076,531	12,665,281

Capital Improvements Program - FY2018-2023

Grant Financed Portion

BOLD = New Project

UNDERLINED = Change in Schedule

UNDERLINED = Change in Schedule	Fiscal Year						
PROJECT DESCRIPTION	2018	2019	2020	2021	2022	2023	Total
POLICE							
Public Safety Communication Upgrade		430,000					430,000
Total Police	0	430,000	0	0	0	0	430,000
FIRE & RESCUE							
McConnell Center Generator	100,000						100,000
Total Fire & Rescue	100,000	0	0	0	0	0	100,000
COMMUNITY SERVICES - PUBLIC WORKS							
TIP-Community Trail			320,000				320,000
Street Light Upgrades LED		100,000					100,000
Total Public Works	0	100,000	320,000	0	0	0	420,000
EDUCATION							
							0
Total Education	0	0	0	0	0	0	0
COMMUNITY SERVICES - WATER FUND							
							0
Total Water Fund	0	0	0	0	0	0	0
TOTAL GRANT FINANCED	100,000	530,000	320,000	0	0	0	950,000

Existing Funds Portion

BOLD = New Project

UNDERLINED = Change in Schedule

UNDERLINED = Change in Schedule		Fiscal Year					
PROJECT DESCRIPTION	2018	2019	2020	2021	2022	2023	Total
GENERAL GOVERNMENT							
							0
Total General Government	0	0	0	0	0	0	0
POLICE							
							0
Total Police	0	0	0	0	0	0	0
COMMUNITY SERVICES - PUBLIC WORKS							
							0
Total Public Works	0	0	0	0	0	0	0
CULTURE & RECREATION							
Total Culture & Recreation	0	0	0	0	0	0	0
SPECIAL REVENUE							
Total Special Revenue	0	0	0	0	0	0	0
COMMUNITY SERVICES - WATER FUND							
							0
Total Water Fund	0	0	0	0	0	0	0
COMMUNITY SERVICES - SEWER FUND							
							0
Total Sewer Fund	0	0	0	0	0	0	0
TOTAL EXISTING FUNDS FINANCED	0	0	0	0	0	0	0

Capital Improvements Program - FY2018-2023

Debt Authorized - Unissued

PROJECT DESCRIPTION	FY11	FY12	FY13	FY14	FY15	FY16	FY17	Total	To Be Issued	Unissued	Amort
GENERAL GOVERNMENT											
City Hall Roof/Atrium/Tower Repairs					200,000			200,000	200,000	0	20
TOTAL GENERAL GOVT	0	0	0	0	200,000	0	0	200,000	200,000	0	
POLICE											
New Police Facility				2,479				2,479		2,479	20
TOTAL POLICE	0	0	0	2,479	0	0		2,479	0	2,479	
FIRE & RESCUE											
TOTAL FIRE & RESCUE	0	0	0	0	0	0		0	0	0	
COMMUNITY SERVICES - PUBLIC WORKS											
Bridge Replacement - Whittier Street		755,000						755,000	755,000	0	20
Street & Sidewalk Improv. - Mast Rd/Spruce Lane				149,525				149,525	149,525	0	20
Street Reconstruction - Tolend Road				1,000,000				1,000,000	1,000,000	0	20
Street Reconstruction - Union Street				255,000				255,000	255,000	0	20
Street Reconstruction - Oak/Broadway Area					250,000			250,000	250,000	0	20
Street Reconstruction - Tanglewood Drive					385,000			385,000	385,000	0	20
Street Reconstruction - Broadway Railroad Culvert						2,000,000		2,000,000	2,000,000	0	20
Street Reconstruction - Keating/Birchwood						1,000,000		1,000,000	1,000,000	0	20
Street Reconstruction - Nelson Street					425,000			425,000	425,000	0	20
Street Reconstruction - Richardson Drive					550,000			550,000	550,000	0	20
Intersection Reconstruction - Sixth/Venture Drive							250,000	250,000	250,000	0	20
Street Reconstruction - Bellamy Road							250,000	250,000	250,000	0	20
Street Reconstruction - Floral Ave & Brick Street							250,000	250,000	250,000	0	20
Street Reconstruction - Mast Rd/Stonewall Drive							583,000	583,000	583,000	0	20
Street Reconstruction - Piscataqua/Rabbit Road							1,700,000	1,700,000	1,700,000	0	20
Street Reconstruction - Silver Street							1,000,000	1,000,000	1,000,000	0	20
Street Reconstruction - Oak/Ham/Elia/Broadway							2,500,000	2,500,000	2,500,000	0	20
TOTAL COMM SERV - PW	0	755,000	0	1,404,525	635,000	3,975,000	6,533,000	13,302,525	13,302,525	0	
CULTURE & RECREATION											
Park Improvements - Guppy Park Field					350,000			350,000	350,000	0	20
Arena Locker Room & Foster Rink Improvements					365,000			365,000	365,000	0	20
TOTAL CULTURE & RECREATION	0	0	0	0	715,000	0	0	715,000	715,000	0	
TOTAL CITY DEPARTMENTS	0	755,000	0	1,407,004	1,550,000	3,975,000	6,533,000	14,220,004	14,217,525	2,479	
EDUCATION											
Garrison Elementary School Improvements							6,900,000	6,900,000	6,900,000	0	20
TOTAL EDUCATION	0	0	0	0	0	0	6,900,000	6,900,000	6,900,000	0	
TOTAL GENERAL FUND	0	755,000	0	1,407,004	1,550,000	3,975,000	13,433,000	21,120,004	21,117,525	2,479	
SPECIAL REVENUE											
Pay and Display Implementation	160,765							160,765	160,765	0	20
Parking Deck - School Street				300,000				300,000	300,000	0	20
Cochecho River Dredge Cell Closure						300,000		300,000	300,000	0	20
Cochecho Riverfront Bank Stabilization						600,000		600,000	600,000	0	20
Cochecho Riverfront Site Preparation							1,650,000	1,650,000	1,650,000	0	20
	160,765	0	0	300,000	0	0	2,550,000	3,010,765	3,010,765	0	
COMMUNITY SERVICES - WATER FUND											
Water System Facilities Upgrade				1,416,367	3,000,000	2,083,633	12,400,000	18,900,000	18,900,000	0	20
Water Main Replacement - Keating/Birchwood						550,000		550,000	550,000	0	15
Water Main Replacement - Main St/Washington St							1,100,000	1,100,000	1,100,000	0	15
Water Main Replacement - Piscataqua/Drew Roads							2,200,000	2,200,000	2,200,000	0	15
TOTAL WATER FUND	0	0	0	1,416,367	3,000,000	2,633,633	15,700,000	22,750,000	22,750,000	0	
COMMUNITY SERVICES - SEWER FUND											
SRF - WWTP Facility Upgrade Phase I & II				8,500,000				8,500,000	8,500,000	0	20
WWTP - Facility Upgrade			1,700,000	437,236				2,137,236	2,135,000	2,236	20
Pump Station Replacement - Leighton Way					350,000			350,000	350,000	0	20
Pump Station Upgrade - Varney Brook					1,100,000			1,100,000	1,100,000	0	20
Sewer Main - Richardson Drive					550,000			550,000	550,000	0	15
Sewer Main - Keating/Birchwood					1,050,000			1,050,000	1,050,000	0	15
Pump Station - Mast Rd/Stonewall Drive						300,000		300,000	300,000	0	20
Sewer Main Replacements - Spaulding Turnpike						800,000		800,000	800,000	0	15
TOTAL SEWER FUND	0	0	1,700,000	8,937,236	0	3,050,000	1,100,000	14,787,236	14,785,000	2,236	
DOVER IND DEVELOPMENT FUND											
Economic Development Park					2,450,000			2,450,000	2,450,000	0	20
	0	0	0	0	2,450,000	0	0	2,450,000	2,450,000	0	
TOTAL OTHER FUNDS	160,765	0	1,700,000	10,653,603	5,450,000	5,683,633	19,350,000	42,998,001	42,995,765	2,236	
TOTAL AUTHORIZED UNISSUED	160,765	755,000	1,700,000	12,060,607	7,000,000	9,658,633	32,783,000	64,118,005	64,113,290	4,715	

Capital Improvements Program - FY2018-2023

Revenues of Debt Financed Projects

PROJECT DESCRIPTION	Fiscal Year								
	2018	2019	2020	2021	2022	2023	2024	2025	Total
GENERAL FUND DEPARTMENTS									
City:									
Street Reconstruction - Mast Rd/Stonewall Drive	61,860	61,860	61,860	61,860	61,860	61,860	61,860	61,860	494,880
Street Reconstruction - Silver Street	97,500	97,500	97,500	97,500	97,500	97,500	97,500	97,500	780,000
Total City	159,360	159,360	159,360	159,360	159,360	159,360	159,360	159,360	1,274,880
School:									
High School - Additional State Education Aid	1,449,000								1,449,000
Total School	1,449,000	-	-	-	-	-	-	-	1,449,000
Total General Fund	1,608,360	159,360	159,360	159,360	159,360	159,360	159,360	159,360	2,723,880
COMMUNITY SERVICES-WATER FUND									
None									-
Total Water Fund	-	-	-	-	-	-	-	-	-
COMMUNITY SERVICES-SEWER FUND									
None									-
Total Sewer Fund	-	-	-	-	-	-	-	-	-
TOTAL REVENUE - DEBT FINANCED	1,608,360	159,360	159,360	159,360	159,360	159,360	159,360	159,360	2,723,880

Changes to Operating Budget

PROJECT DESCRIPTION	Fiscal Year								
	2018	2019	2020	2021	2022	2023	2024	2025	Total
GENERAL FUND CITY DEPARTMENTS									-
Total General Fund City Departments	-	-	-	-	-	-	-	-	-
EDUCATION									-
Total Education	-	-	-	-	-	-	-	-	-
Total General Fund	-	-	-	-	-	-	-	-	-
COMMUNITY SERVICES-WATER FUND									-
Total Water Fund	-	-	-	-	-	-	-	-	-
COMMUNITY SERVICES-SEWER FUND									-
Total Sewer Fund	-	-	-	-	-	-	-	-	-
TOTAL CHANGES TO OPER BGTS	-	-	-	-	-	-	-	-	-

Total Revenue of Projects & Changes to Operating Budgets

PROJECT DESCRIPTION	Fiscal Year								
	2018	2019	2020	2021	2022	2023	2024	2025	Total
GENERAL FUND DEPARTMENTS									
City	159,360	159,360	159,360	159,360	159,360	159,360	159,360	159,360	1,274,880
School	1,449,000	-	-	-	-	-	-	-	1,449,000
Total General Fund	1,608,360	159,360	159,360	159,360	159,360	159,360	159,360	159,360	2,723,880
COMMUNITY SERVICES-WATER FUND	-	-	-	-	-	-	-	-	-
COMMUNITY SERVICES-SEWER FUND	-	-	-	-	-	-	-	-	-
Total Enterprise Funds	-	-	-	-	-	-	-	-	-
TOTAL OPERATING BUDGET IMPACT	1,608,360	159,360	159,360	159,360	159,360	159,360	159,360	159,360	2,723,880

Capital Improvements Program - FY2018-2023

Trust Reserve Funds

Projected Balances

DESCRIPTION	Fiscal Year						Total
	2018	2019	2020	2021	2022	2023	
General Fund Reserve							
Beginning Balance	192,874	358,606	597,253	1,088,996	928,218	970,789	
Fund Transfers In	850,000	850,000	850,000	850,000	850,000	850,000	5,100,000
Other Income	58,500	58,500	58,500	58,500	58,500	58,500	351,000
Investment Income	482	897	1,493	2,722	2,321	2,427	10,342
Other Use							-
CIP Transfers Out	(743,250)	(670,750)	(418,250)	(1,072,000)	(868,250)	(623,250)	(4,395,750)
Ending Balance	358,606	597,253	1,088,996	928,218	970,789	1,258,466	
Parks Improvements Reserve							
Beginning Balance	105,597	168,361	51,282	113,910	176,695	114,637	
Fund Transfers In	112,500	112,500	112,500	112,500	112,500	112,500	675,000
Other Income							-
Investment Income	264	421	128	285	442	287	1,826
Other Use							-
CIP Transfers Out	(50,000)	(230,000)	(50,000)	(50,000)	(175,000)	(50,000)	(605,000)
Ending Balance	168,361	51,282	113,910	176,695	114,637	177,423	
Cemetery Maintenance Reserve							
Beginning Balance	212,635	344,367	476,428	608,819	191,541	323,220	
Fund Transfers In	125,000	125,000	125,000	125,000	125,000	125,000	750,000
Other Income	6,200	6,200	6,200	6,200	6,200	6,200	37,200
Investment Income	532	861	1,191	1,522	479	808	4,788
Other Use							-
CIP Transfers Out	-	-	-	(550,000)	-	-	(550,000)
Ending Balance	344,367	476,428	608,819	191,541	323,220	455,228	
Transportation Reserve							
Beginning Balance	364,196	352,709	336,314	234,862	207,998	145,763	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	160,000	160,000	160,000	160,000	160,000	160,000	960,000
Investment Income	910	882	841	587	520	364	4,105
Other Use	(172,398)	(177,276)	(182,293)	(187,451)	(192,755)	(198,211)	(1,110,384)
CIP Transfers Out	-	-	(80,000)	-	(30,000)	-	(110,000)
Ending Balance	352,709	336,314	234,862	207,998	145,763	107,917	
Police Facilities Reserve							
Beginning Balance	124,518	138,830	153,177	167,560	181,979	196,434	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	14,000	14,000	14,000	14,000	14,000	14,000	84,000
Investment Income	311	347	383	419	455	491	2,406
Other Use							-
CIP Transfers Out	-	-	-	-	-	(183,000)	(183,000)
Ending Balance	138,830	153,177	167,560	181,979	196,434	27,925	
Fire & Rescue Facilities Reserve							
Beginning Balance	183,113	197,571	212,065	226,595	241,162	255,765	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	14,000	14,000	14,000	14,000	14,000	14,000	84,000
Investment Income	458	494	530	566	603	639	3,291
Other Use							-
CIP Transfers Out	-	-	-	-	-	(175,281)	(175,281)
Ending Balance	197,571	212,065	226,595	241,162	255,765	95,123	

Capital Improvements Program - FY2018-2023

Trust Reserve Funds

Projected Balances

DESCRIPTION	Fiscal Year						Total
	2018	2019	2020	2021	2022	2023	
Recreation Facilities Reserve							
Beginning Balance	285,161	286,874	93,591	94,825	96,062	72,302	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	26,000	26,000	26,000	26,000	26,000	26,000	156,000
Investment Income	713	717	234	237	240	181	2,322
Other Use							-
CIP Transfers Out	(25,000)	(220,000)	(25,000)	(25,000)	(50,000)	(25,000)	(370,000)
Ending Balance	286,874	93,591	94,825	96,062	72,302	73,483	
Arena Improvements Reserve							
Beginning Balance	126,286	49,602	62,726	75,883	89,073	102,295	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	13,000	13,000	13,000	13,000	13,000	13,000	78,000
Investment Income	316	124	157	190	223	256	1,265
Other Use							-
CIP Transfers Out	(90,000)	-	-	-	-	(75,000)	(165,000)
Ending Balance	49,602	62,726	75,883	89,073	102,295	40,551	
School Facility Reserve							
Beginning Balance	455,924	507,064	633,331	759,915	886,815	889,032	
Fund Transfers In	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Other Income	1,449,000	75,000	75,000	75,000	75,000	75,000	1,824,000
Investment Income	1,140	1,268	1,583	1,900	2,217	2,223	10,330
Other Use	(1,449,000)	-	-	-	-	-	(1,449,000)
CIP Transfers Out	-	-	-	-	(125,000)	(125,000)	(250,000)
Ending Balance	507,064	633,331	759,915	886,815	889,032	891,254	
School Curriculum							
Beginning Balance	55,028	100,035	145,042	140,049	185,056	180,063	
Fund Transfers In	45,000	45,000	45,000	45,000	45,000	45,000	270,000
Other Income							-
Investment Income	7	7	7	7	7	7	42
Other Use							-
CIP Transfers Out	-	-	(50,000)	-	(50,000)	-	(100,000)
Ending Balance	100,035	145,042	140,049	185,056	180,063	225,070	
School Technology							
Beginning Balance	64,699	104,704	144,709	159,714	199,719	214,724	
Fund Transfers In	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Other Income							-
Investment Income	5	5	5	5	5	5	30
Other Use							-
CIP Transfers Out	-	-	(25,000)	-	(25,000)	-	(50,000)
Ending Balance	104,704	144,709	159,714	199,719	214,724	254,729	
School Athletic Equipment							
Beginning Balance	50,020	70,025	105,030	140,035	175,040	210,045	
Fund Transfers In	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Other Income							-
Investment Income	5	5	5	5	5	5	30
Other Use							-
CIP Transfers Out	-	15,000	15,000	15,000	15,000	15,000	75,000
Ending Balance	70,025	105,030	140,035	175,040	210,045	245,050	

Capital Improvements Program - FY2018-2023

Trust Reserve Funds

Projected Balances

	Fiscal Year						
DESCRIPTION	2018	2019	2020	2021	2022	2023	Total
Water Fund Cap Reserve							
Beginning Balance	2,150,549	2,360,925	2,471,828	2,683,007	2,769,715	2,981,639	
Fund Transfers In	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Other Income	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Investment Income	5,376	5,902	6,180	6,708	6,924	7,454	38,544
Other Use							-
CIP Transfers Out	(315,000)	(415,000)	(315,000)	(440,000)	(315,000)	(315,000)	(2,115,000)
Ending Balance	2,360,925	2,471,828	2,683,007	2,769,715	2,981,639	3,194,093	
Sewer Fund Cap Reserve							
Beginning Balance	579,263	615,711	502,250	107,256	142,524	177,880	
Fund Transfers In	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Other Income	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Investment Income	1,448	1,539	1,256	268	356	445	5,312
Other Use							-
CIP Transfers Out	(490,000)	(640,000)	(921,250)	(490,000)	(490,000)	(490,000)	(3,521,250)
Ending Balance	615,711	502,250	107,256	142,524	177,880	213,325	

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General Government Projects

Transfer to Capital Reserve - Infrastructure & Equip
Transfer to Capital Reserve - Cemetery
Citywide Building Transducer Replacement
City Hall Structural/Safety Improvements
Cemetery Improvements
Chapel Restoration
City Hall Boiler Replacement
Transportation Center Repairs

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$975,000
Reserve Financed	\$50,000
Debt Financed	\$250,000
Grant Financed	\$0
Total	\$1,275,000

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title Transfer to Capital Reserve		2. Category General Government		3. Priority High
4. Location City wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page #: Community Facilities Community Services Page 56-57		7. Project History (Previous CIP Year or connection to other projects): FY15 \$575,000; FY16 \$575,000, FY17 \$750,000		
8. Description Transfer of funds from the operating budget into reserve account for payment of future projects and equipment.		9. Justification & Useful Life To ensure adequate funding is available for facility and infrastructure upgrades without having large increases in tax rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$850,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$850,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$850,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$850,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$850,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$850,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$5,100,000			
After Sixth Year	\$850,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title Transfer to Capital Reserve		2. Category General Government		3. Priority High
4. Location Pine Hill Cemetery		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page #: Community Facilities Community Services Page 56-57		7. Project History (Previous CIP Year or connection to other projects): FY17: \$125,000		
8. Description Transfer of funds from the operating budget into reserve account for payment of future projects and equipment.		9. Justification & Useful Life To ensure adequate funding is available for facility and infrastructure upgrades without having large increases in tax rates, or trust fund revenue for the cemetery.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$125,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$750,000			
After Sixth Year	\$125,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas Steele Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Citywide Building Transducer Replacement		2. Category General Government		3. Priority High
4. Location Various City Buildings		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page #: Community Facilities, Page 36		7. Project History (Previous CIP Year or connection to other projects): Would tie into Energy management system improvements done by Seimans and JCL. FY16 \$50,000, FY17 \$50,000		
8. Description This project provides replacement of 14 HVAC System Control Modules in 6 city buildings, including the Public Works Facility, McConnell Center and Library.		9. Justification & Useful Life This project will allow for the update of HVAC System Control Modules located in city buildings. The current modules are of an older design and parts are no longer available. The replacement of the panels will allow for continued energy efficiency and allow for continued long term operation of the facilities.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$50,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$50,000			
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		

An Example of an Automation Module to be Replaced.



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: City Hall Structural/Safety Improvements		2. Category General Government		3. Priority High
4. Location 288 Central Avenue		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page: Community Facilities, City Hall page #36		7. Project History (Previous CIP Year or connection to other projects): This project, a combination of many projects, has matriculated through the CIP over the past years. It has been moved up two years.		
8. Description: This project makes repairs to the Municipal Building. Repairs include replacement of existing elevator atrium structure, where panels and joints need replacement or repair. The steel clock tower will be painted, refurbishing of the gold leaf on the lower tower dome and repair as needed of the louvers. Finally, necessary life safety improvements will be made.		9. Justification & Useful Life This center piece of our City can be better preserved through periodic maintenance. These specific areas need immediate attention to prevent further physical deterioration of this facility. Many glass panels are compromised; moisture, mildew and mold are visible. Many joints leak despite frequent efforts to caulk them. There is no sprinkler system in City Hall, and this has posed concern.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$250,000	Improvements to Buildings	Debt Financed	Choose an item.
Program year FY 2019	\$250,000	Improvements to Buildings	Debt Financed	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$250,000	Improvements to Buildings	Debt Financed	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$750,000			
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		

Areas in need of work



Department Contact Person, Title	Community Services Douglas Steele Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title Cemetery Improvements		2. Category Gen. Govt.	3. Priority Medium
4. Location Cemetery		5. Purpose: Modify a project already in the CIP	
6. Master Plan Chapter, Section and page #: Community Facilities Community Services Page 48		7. Project History (Previous CIP Year or connection to other projects): FY14 \$30,000 from Cemetery Trust Fund FY15: \$30K (capital reserve)	
8. Description Project will overlay roads in cemetery and replace trees that have been removed due to disease. Development of new burial sections on existing land including water lines, drainage, roadways, site preparation and fencing. Establish additional options and areas for cremation burials including scattering gardens, niches, and columbarium's. Conversion of 1888 receiving tomb to a cremation mausoleum. Paving of cemetery roads as they are crumbling and need immediate re-paving.		9. Justification & Useful Life Roadways are in poor condition and need paving. Additional areas need to be developed in the cemetery. Cremation is rapidly becoming more popular in the death care industry. In order to be in a position of providing for these needs, we will have to create the proper areas to accommodate this trend. Continued pavement maintenance will reduce the need for complete rebuild of some of the cemetery roads.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
Program year FY 2018	\$0	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.
Program year FY 2021	\$550,000	Improvements to Buildings	Capital Reserve
Program year FY 2022	\$0	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$550,000	Note:	SECONDARY
After Sixth Year		10B. Source of Cost Estimate:	



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Chapel Restoration		1. Project Title Chapel Restoration		3. Priority Medium
4. Location 131 Central Avenue		5. Purpose of Project Request Modify a project already in the CIP		
6. Community Facilities Community Services Page 48		7. Project History (Previous CIP Year or connection to other projects):		
8. Description Replace slate roof. Church Walls - selective repair, re-pointing and waterproofing of mortar joints. Repair or replace precast concrete on corners and around windows as needed. Bell Tower - may have structural damage in need of assessment and repair prior to addressing replacement of bricks and re-pointing as needed. Louvers may need replacement.		8. Description Historical building is an asset to the City and Pine Hill Cemetery. Serves as office for Facilities, Grounds and Cemetery administration and personnel.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$200,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$200,000			
After Sixth Year		10B. Source of Cost Estimate: Staff/contractor		



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: City Hall Boiler Replacement		2. Category General Government		3. Priority Medium
4. Location 288 Central Avenue		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page: Community Facilities, City Hall page #36		7. Project History (Previous CIP Year or connection to other projects):		
8. Description: Replacement of two 1988 Weil-McLain oil burners. Project will replace oil units with gas and reline the chimney		9. Justification & Useful Life Gas boilers are more efficient and will be less costly to operate.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$120,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$120,000			
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		

Current Boilers to be replaced



Department Contact Person, Title	Planning Christopher Parker Planning Director	Date Phone Number	09/11/2016 603-516-6008	
1. Project Title: Transportation Center Roof Repair		2. Category General Government		3. Priority Low
4. Location 31 Chestnut Street		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page: Community Facilities, City Hall page #36		7. Project History (Previous CIP Year or connection to other projects): New project		
8. Description: This project makes repairs to the Transportation Center. Repairs include replacement of existing roof, which has one layer of shingles on it, and replacing and repairing walls.		9. Justification & Useful Life The Transportation Center is nearing 20 years in age, and is in need of maintenance to prolong its life, and prevent costly repairs and improvements, which could be required if the roof is not maintained. The existing roof has seen wear and tear typical of its age, and may be covered with a new layer of shingles.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$30,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$30,000	Note: Transportation Improvement Program funds to be used.		
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		



Police Projects

Police Cruiser Replacement Program
Public Safety Communications Upgrade
Records Management/CAD Software Upgrade

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$0
Reserve Financed	\$128,250
Debt Financed	\$0
Grant Financed	\$0
Total	\$128,250

Department Contact Person, Title	Police Chief Anthony Colarusso	Date Phone Number	07/21/2016 603-742-4646	
1. Project Title: Police Cruiser Replacement Program		2. Category Police		3. Priority High
4. Location: 46 Locust Street (police Department)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Police Department, page #20		7. Project History (Previous CIP Year or connection to other projects): Yearly Replacement of Front line police Cruisers FY13 - FY16 \$126,000, FY 17 \$128,250		
8. Description: This is a continuance of our plan to replace front line fully marked police cruisers. The program purchases 5 vehicles one year and 4 in the next. This 5/4 plan is essential to maintain safe vehicle operation and limit maintenance costs. Vehicles taken off line are sold. The revenue from the sales is used to purchase smaller more fuel efficient vehicles for police detectives, inspection services and other city departments in need of vehicles. Fleet Services recommends purchasing Ford Police Interceptor Utility (SUV) vehicles which are currently priced at \$28,500.		9. Justification, Useful Life New vehicles are purchased to continue this long standing program. Estimated cost is an increase over prior years and includes outfitting the sport utility vehicles which are larger than sedans and can accommodate a fully equipped officer along with all of the equipment needed for the officers to perform their duties. The front line cruisers are used for two full years then replaced. The new fuel efficient vehicles purchased with revenue from the sale of the front line vehicles are expected to be in service for at least 10 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$128,250	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2019	\$128,250	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2020	\$128,250	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2021	\$128,250	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2022	\$128,250	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2023	\$128,250	Auto/Light Truck	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$769,500			
After Sixth Year	\$128,250	10B. Source of Cost Estimate: Past 5 year history of State bid		

Outgoing Interceptor Sedan

New Interceptor Utility Vehicle



Department Contact Person, Title	Police Chief Anthony Colarusso	Date Phone Number	09/12/2016 603-742-4646	
1. Project Title: Public Safety Communications Upgrade		2. Category Police		3. Priority High
4. Location: 46 Locust Street (police Department)		5. Purpose of Project Request Equipment: Increased Safety		
6. Master Plan Chapter, Section and page # Community Facilities		7. Project History (Previous CIP Year or connection to other projects): New Project		
8. Description: Police, Fire and Community Services radio communication platforms are in need of an upgrade. This project will upgrade the current system to a microwave communication system capable of supporting current technology. The project will upgrade all Community Services mobile radios to a digital GPS based system, and will upgrade all Fire Department mobile, portable and base radios from analog to digital. The system will expand other city services such as remote water meter reading as well as provide a platform for city wide data communications.		9. Justification, Useful Life Emergency communications is a critical component of daily city operations. The City's current system is aging and contains multiple components that are no longer repairable. Police, Fire and Community Services are not using the same technology, limiting direct communication. "Dead" spots exists in the city. A new communications system would enhance communications between departments as well as with outside agencies, improve transmission strength, contain built-in redundancies, and be reliable/supportable.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$1,334,490	Machinery and Equipment	Debt Financed	Grant Financed
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,334,490	Public Safety Grant will be applied for to cover \$430,000		
After Sixth Year		10B. Source of Cost Estimate: Past 5 year history of State bid		

Department Contact Person, Title	Police Chief Anthony Colarusso	Date Phone Number	08/12/2016 603-742-4646	
1. Project Title: Public Safety Records Management/CAD Software Upgrade		2. Category Police		3. Priority Low
4. Location: 46 Locust Street (police Department)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Police Department, page #20		7. Project History (Previous CIP Year or connection to other projects): New Project		
8. Description: The Tri-Tech Perform program, formerly called IMC, is a records management, report writing and dispatch CAD software platform that is being used by many other police departments in the state. This system would replace, QED, the current records management system currently in use.		9. Justification, Useful Life The Tri-Tech Perform program has many advantages over the Records Management Software, QED, which the department is currently using. One is its "Cross Agency Data Sharing" capabilities which will allow Dover users to see records from 25 different agencies including several in this area (Portsmouth, Rochester, Somersworth, UNH, Durham, and the Strafford County Sheriff's Office). The system also eliminates duplicate data entry by populating multiple fields within a single record automatically. It also integrates with the AFIS system used during arrests, allows for e-citation submissions to the state for motor vehicle offenses and will soon allow for electronic motor vehicle accident submission directly to the state. The system also provides modules for two platforms we currently use other vendors for. These are Packet Cluster (annual fee of \$7,846) for mobile communication and Virtual Evidence Room (annual fee of \$2,500) for bar coding of evidence and property. The useful life is expected to be at least 20 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$273,281	Other	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$273,281	Public Safety Police and Fire Impact Fees, plus Capital Reserve to be used.		
After Sixth Year		10B. Source of Cost Estimate: Past 5 year history of State bid		

Fire Projects

Fire Quint/Pumper Replacement
Heating Plant Central/South End Stations
McConnell Center Generator
Ambulance Replacement
Command/Staff Vehicle Replacement
Front Line Vehicle Corrosion Repair
North End Station Traffic Light Improvements
Central Station Improvements

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$0
Reserve Financed	\$955,00
Debt Financed	\$217000
Grant Financed	\$100,000
Total	\$1,272,000

Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148
1. Project Title: Fire Quint/ Pumper Replacement		2. Category Fire and Rescue	3. Priority High
4. Location North End Station (Used Citywide)		5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page Community Facilities p.57		7. Project History (Previous CIP Year or connection to other projects): FY 2014 – \$500K for Quint replacement. Dollar amount has been updated.	
8. Description Replacement of 2000 Smeal pumper/Quint Replacement of 1994 Becker Pumper		9. Justification & Useful Life This purchase will replace our Quint, a pumper/ladder vehicle that has run first due for 12 years and will be in reserve for 7 years. The Quint has a 55' ladder on top of it. This is part of our ongoing vehicle replacement program. The new vehicle will capitalize on new technologies and will add capability by increasing the aerial to 107' of reach on a vehicle body similar to this quint being a single axel rear end and of similar size. If approved in FY18 CIP, at the time of delivery – the year 2000 Quint will have an estimated 200,000 miles on it. In 2022 Engine 6 will be retired, and Engine 8 will move to back up service.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)		10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
Program year FY 2018	\$890,000	Heavy Equipment	Debt Financed
Program year FY 2019	\$0	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.
Program year FY 2022	\$540,000	Heavy Equipment	Reserve Financed
Program year FY 2023	\$0	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,430,000		
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff	
		SECONDARY	
			Choose an item.
			Choose an item.
			Choose an item.
			Choose an item.
			Choose an item.
			Choose an item.

Quint/Pumper to be replaced



An example of a new Quint/Pumper to be purchased

Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148	
1. Project Title: Heating Plant for Central and South End Stations		2. Category Fire and Rescue	3. Priority High	
4. Location South End Fire Station		5. Purpose of Project Request Equipment: Scheduled Replacement		
6. Master Plan Chapter, Section and page # Community Facilities Fire Protection # 13		7. Project History (Previous CIP Year or connection to other projects):		
8. Description Replacement of boiler and apparatus floor heaters		9. Justification & Useful Life: Both heating units in each station will be over 30 years old and at the end or past their designed life expectancy. This project will also change the fuel to Natural Gas for the South End Boiler, which also provides the hot water at that station. It is hoped that by combining 2 boiler replacements into one project, that some additional savings will occur versus being broken into two separate projects.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$65,000	Machinery and Equipment	Capital Reserve	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$65,000			
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff		

Heating Plant to be Replaced at the South End Station



Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148	
1. Project Title: McConnell Center Generator		2. Category Fire and Rescue	3. Priority High	
4. Location North End Station (Used Citywide)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Fire Protection, p. 14		7. Project History (Previous CIP Year or connection to other projects): FY 2012– 155,000 Ambulance replacement		
8. Description Emergency Generator – McConnell Center		9. Justification & Useful Life This purchase is to provide emergency power to the McConnell Center in the event of a long duration power outage. Because this facility has Dover's primary shelter space between the Cafeteria and Gymnasium, the Dover Senior Center, and the City Media Communications Center is located. The useful life of this purchase is 30 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$317,000	Equipment Increased Safety	Debt Financed	Grant Financed
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$317,000	Applied for \$100,000 in grant funding from NH Homeland Security		
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff		

Example of Generator



Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148	
1. Project Title: Ambulance replacement		2. Category Fire and Rescue	3. Priority High	
4. Location North End Station (Used Citywide)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Fire Protection, p. 14		7. Project History (Previous CIP Year or connection to other projects): FY 2012– 155,000 Ambulance replacement		
8. Description In 2019, Replace 2008 ambulance In 2021, Replace 2009 ambulance In 2023, Replace 2012 ambulance		9. Justification & Useful Life The life expectancy of an ambulance running under the conditions that the City of Dover requires is 8 years; 4 years as front line, 4 years as a backup. This vehicle would replace an ambulance with a projected mileage of 122,000. The justification for the replacement of emergency response vehicles all comes down to reliability. Despite our vehicle maintenance program, our ambulance has experienced mechanical problems during emergency incidents.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$240,000	Auto/Light Truck	Capital Reserve	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$240,000	Auto/Light Truck	Capital Reserve	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$240,000	Auto/Light Truck	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$720,000			
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff		

Ambulance to be Replaced



An Example of the Replacement Ambulance

Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148	
1. Project Title: Command/Staff Vehicle Replacement		2. Category Fire and Rescue	3. Priority High	
4. Location North End Station (Citywide)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities p. 57		7. Project History (Previous CIP Year or connection to other projects): FY 2016 – Project progressed through six year process		
8. Description Replacement of 2004 Forestry vehicle in FY19 Replacement of 2012 staff vehicle in FY23		9. Justification & Useful Life: The Fire Department utilizes staff vehicles for command staff. These vehicles carry equipment and radios to manage large scale incidents. This will replace the 2004 Chevy Silverado which will have over 100,000 miles and 16 years of service. This vehicles has been placed out of service due to rust and maintenance issue		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$55,000	Auto/Light Truck	Capital Reserve	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$55,000	Auto/Light Truck	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$110,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Staff Vehicle to be Replaced



An Example of a Command Vehicle to be Purchased

Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148	
1. Project Title: Front Line Vehicle Corrosion Repair		2. Category Fire and Rescue	3. Priority High	
4. Location North End Station (Citywide)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities p. 57		7. Project History (Previous CIP Year or connection to other projects): FY 2016 – Project progressed through six year process		
8. Description Fix Corrosion on the 1997 Squad vehicle Fix Corrosion on the Truck 1		9. Justification & Useful Life: This project will fix corrosion on the Squad vehicle which carries the “Jaws of Life” and other technical rescue equipment. If this fix is funded now, the service life of this vehicle is projected to be extended until approximately 2027/2028 (30 years) and when its mileage reaches a projected 63,000 miles. If not funded, the service life is expected to end around 2023 at the 26 year mark. Full replacement of this vehicle is approximately \$350,000 today.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$47,500	Auto/Light Truck	Capital Reserve	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$90,000	Auto/Light Truck	Capital Reserve	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$137,500			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Examples of Corrosion on Front Line Vehicles



Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148	
1. Project Title: North End Station Traffic Light Improvements- Emergency Traffic Signals		2. Category Fire and Rescue		3. Priority Low
4. Location North End Station		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities p. 57		7. Project History (Previous CIP Year or connection to other projects):		
8. Description T his project would place emergency traffic lights on Sixth Street to stop traffic as vehicles exit on to roadway in emergencies.		9. Justification & Useful Life The traffic has increased since the opening of the station. The increase is due to more development and we are preparing for an increase where exiting will be an issue.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$85,000	Machinery and Equipment	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$85,000	Note: Impact Fees will be used		
After Sixth Year		10B. Source of Cost Estimate:		

Proposed North End Station Traffic Light Location



Department Contact Person, Title	Fire and Rescue Eric Hagman, Fire Chief	Date Phone Number	08/04/2016 603-516-6148
1. Project Title: Central Station Improvements		2. Category Fire and Rescue	3. Priority Medium
4. Location Central Station (Broadway)		5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Community Facilities p. 56		7. Project History (Previous CIP Year or connection to other projects): Separation from South End Roof Replacement. Dollar amount has been updated	
8. Description Replacement of overhead doors, heating plant, paving of ramp and parking lot, and replacing roof.		9. Justification & Useful Life: The boiler unit will be 37 years old with an expected life of 20 years. The overhead doors are also 37 years old and in need of replacement and upgrade to a more energy efficient model. Ramp and parking lot are showing signs of deterioration. Potholes, cracks and ruts have formed due to weight of truck traffic. The roof on the Central Station will be in need of replacement, as it will be in excess of 20 years old if replaced as outlined.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
Program year FY 2018	\$0	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.
Program year FY 2020	\$90,000	Improvements to Buildings	Capital Reserve
Program year FY 2021	\$0	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$90,000		
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff	



Central Fire Station



Public Works Projects

**PW Heavy Equipment
General Streets Improvements
General Sidewalk Improvements
Bridge Improvements
Drainage System Improvements
Traffic Signal Upgrades
Sidewalk - Upper Whittier Street
Street Reconstruction - Roberts Road*
TIP—Community Trail Phase 4
Street Reconstruction - Elm/Summer/Belknap
Bridge Replacement - County Farm
Bridge Replacement - Route 108
Street Reconstruction - Atlantic Avenue
Street Reconstruction - Court Street
Central Avenue Drainage Work*
Downtown Traffic Efficiency Improvements
Street Reconstruction—Fifth Street*
Street Light Upgrades—LED
Street Reconstruction - Spur Rd***

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$2,360,933
Reserve Financed	\$200,000
Debt Financed	\$125,000
Grant Financed	\$0
Total	\$2,685,933

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: PW-Heavy Equipment		2. Category Public Works		3. Priority High
4. Location: Mast Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services p.35		7. Project History (Previous CIP Year or connection to other projects): Annual replacement of Public Works heavy equipment. FY2014 FY2017 \$200,000		
8. Description 1996 GMC top kick six wheel dump truck		9. Justification & Useful Life Current truck is 20 years old. Useful life- 20 years		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$200,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2019	\$200,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2020	\$200,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2021	\$293,750	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2022	\$200,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2023	\$200,000	Heavy Equipment	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$1,293,750			
After Sixth Year		10B. Source of Cost Estimate: Staff		

1996 GMCTop Kick dump truck to be Replaced



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: General Streets Improvements		2. Category Public Works		3. Priority High
4. Location City wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page #: 2012 Update on Recommendations Transportation p. 11		7. Project History (Previous CIP Year or connection to other projects): FY2017 \$1,864,000 approved in CIP – adjusted to \$1,350,000 in operating budget		
8. Description Annual road paving based on road surface management program.		9. Justification & Useful Life Street overlays last ten to fifteen years before additional preventative maintenance is required.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$1,931,933	Other	Operating Budget	Choose an item.
Program year FY 2019	\$2,001,482	Other	Operating Budget	Choose an item.
Program year FY 2020	\$2,073,536	Other	Operating Budget	Choose an item.
Program year FY 2021	\$2,148,183	Other	Operating Budget	Choose an item.
Program year FY 2022	\$2,212,937	Other	Operating Budget	Choose an item.
Program year FY 2023	\$2,301,454	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$12,669,525	Beginning in FY 17 a 3.5% increase has been added, based upon trends in paving costs		
After Sixth Year	\$2,393,512	10B. Source of Cost Estimate: Pavement Management Program		

A Roadway Being Paved



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: General Sidewalk Improvements		2. Category Public Works	3. Priority High	
4. Location City wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # 2012 Update on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects): FY15—FY17 \$100,000 approved in CIP		
8. Description Annual management program for sidewalk replacements.		9. Justification & Useful Life Sidewalks lifespans are based upon material used, installation process, and intensity of use.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$104,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$108,160	Other	Operating Budget	Choose an item.
Program year FY 2020	\$112,486	Other	Operating Budget	Choose an item.
Program year FY 2021	\$116,986	Other	Operating Budget	Choose an item.
Program year FY 2022	\$126,532	Other	Operating Budget	Choose an item.
Program year FY 2023	\$131,593	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$699,757			
After Sixth Year	\$131,593	10B. Source of Cost Estimate: Pavement Management Program		

A Sidewalk Being Installed



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Bridge Improvements		2. Category Public Works		3. Priority High
4. Location City Wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # 2012 Update to Recommendations, Transportation p. 10		7. Project History (Previous CIP Year or connection to other projects): FY15—FY17 \$100,000		
8. Description Annual bridge maintenance based on bridge repair program for the city's 11 bridges.		9. Justification & Useful Life Preventative maintenance is needed for bridges to ensure they do not deteriorate and become more costly to repair.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$100,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$600,000			
After Sixth Year	\$100,000	10B. Source of Cost Estimate:		

A Bridge Being Repaired



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Drainage System Improvements		2. Category Public Works		3. Priority High
4. Location City wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services p. 66		7. Project History (Previous CIP Year or connection to other projects): FY15—FY17 150,000		
8. Description USEPA Phase II Storm water Regulations require improvements to systems to improve water quality.		9. Justification & Useful Life The city's drainage system is a utility that must have adequate funding in order to be maintained. Without regular maintenance and repairs, costs will become more significant.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$150,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$150,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$150,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$150,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$150,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$150,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$900,000			
After Sixth Year	\$150,000	10B. Source of Cost Estimate:		

A Stormwater Drainage System Being Repaired

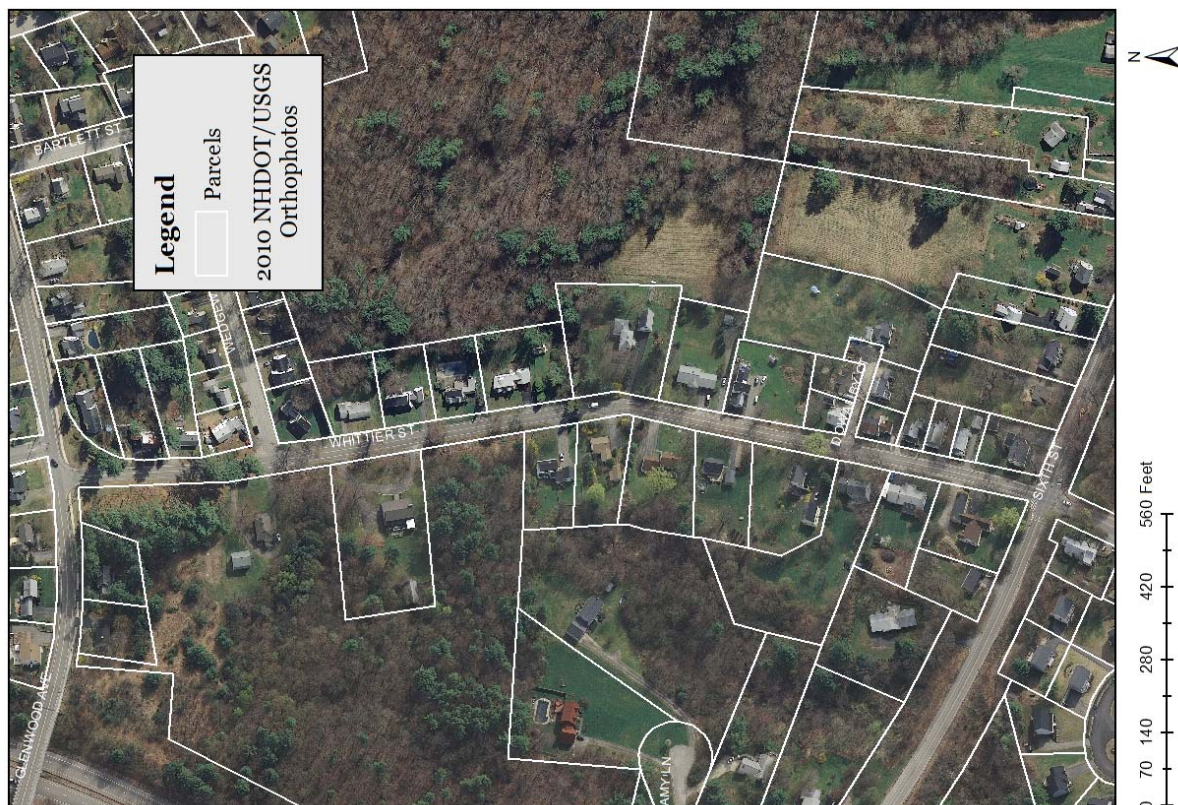


Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Traffic Signal Upgrade		2. Category Public Works		3. Priority High
4. Location: City Wide		5. Purpose Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # 2012 Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects): FY15 - FY17 \$75,000		
8. Description This project will fund an annual replacement and upgrading of 33 traffic signal equipment on a rotating citywide basis. This ongoing maintenance will reduce the need for the City to undertake citywide retiming and equipment projects.		9. Justification & Useful Life Majority of the traffic light boxes and interior components are antiquated and are in need of upgrade as parts are becoming difficult to obtain.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$75,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$75,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$75,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$75,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$75,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$75,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$450,000			
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff		

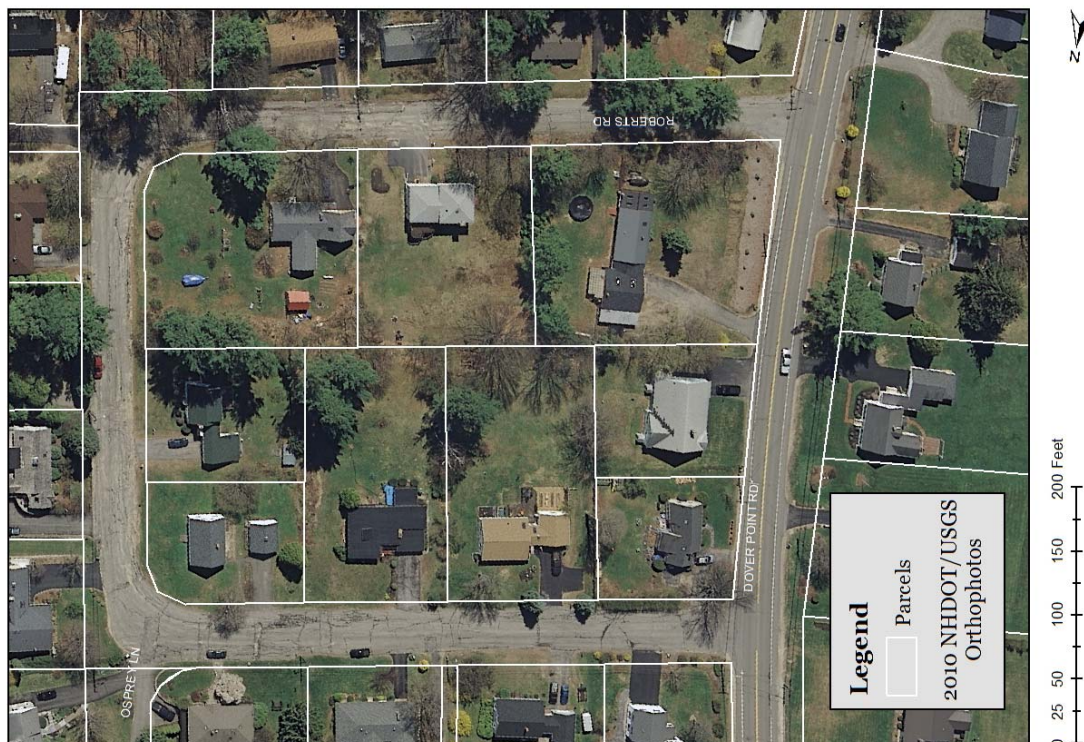
An Example of Traffic Signal Equipment



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title: Whittier Street Sidewalk		2. Category Public Works		3. Priority High
4. Location Whittier Street between Sixth Street and Glenwood Avenue		5. Purpose of Project Request Add a new item to the CIP		
6. Master Plan Chapter, Section and page # Transportation		7. Project History (Previous CIP Year or connection to other projects): FY 2012 Whittier Street Bridge replacement		
8. Description Design sidewalk on Whittier Street between Glenwood Ave and Sixth Street. The sidewalk location will be determined by the design.		9. Justification & Useful Life Project will loop existing sidewalks on Glenwood, Sixth and Whittier Streets to create safe walkway for pedestrians.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$25,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$250,000	Other	Debt Financing	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$275,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

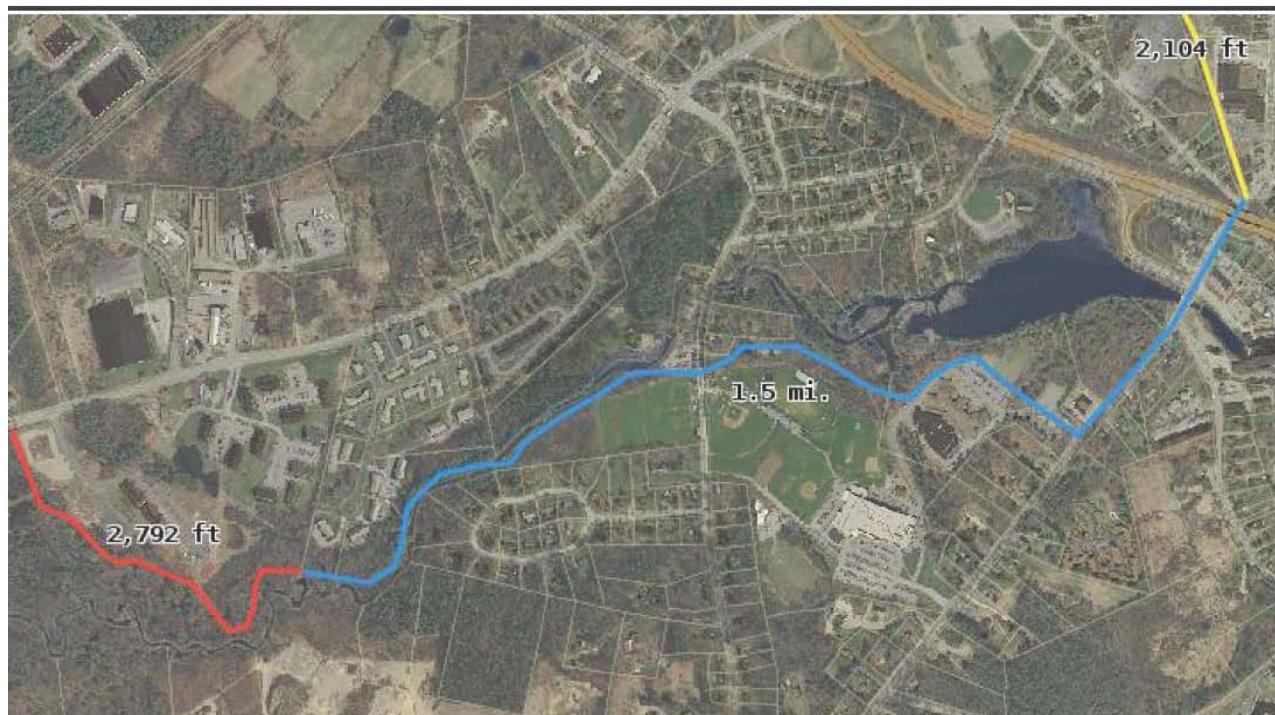


Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	9/10/2016 603-516-6450	
1. Project Title: Roberts Road Reconstruction		2. Category Public Works	3. Priority High	
4. Location Roberts Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects):		
8. Description This project will reconstruct the road as well as drainage improvements. This project will supplement the general street improvements.		9. Justification & Useful Life Numerous complaints have been received due to the drainage and road surface conditions. Both the drainage and road are in poor condition. PCI Code: 21		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$100,000	Construction Engineering	Debt Financing	Choose an item.
Program year FY 2019	\$750,000	Other	Debt Financing	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$850,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

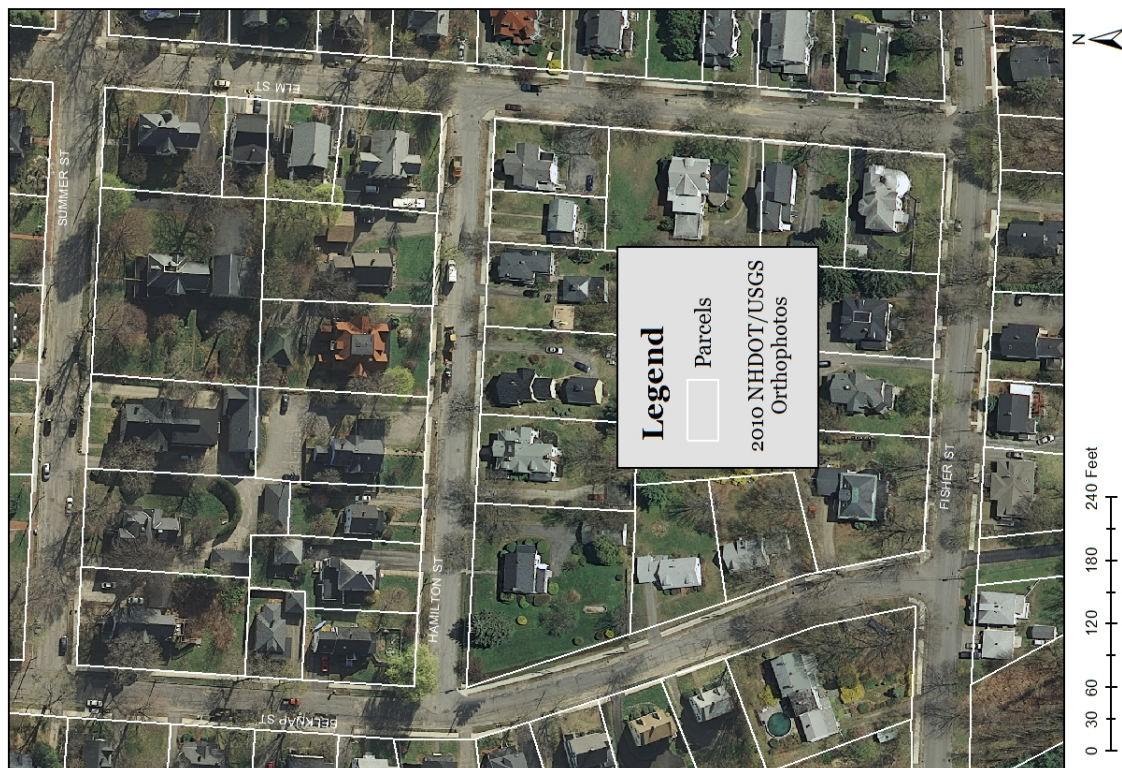


Department Contact Person, Title	Planning Christopher Parker Director of Planning	Date Phone Number	08/15/2016 603-516-6008	
1. Project Title: TIP Community Trail Phase 4		2. Category Public Works	3. Priority Medium	
4. Location Durham Road to Knox Marsh Road, parallel to Bellamy River		5. Purpose of Project Request Add a project to the CIP		
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects):		
8. Description This work will bring the trail along Central Avenue/Durham Road to Daley Drive, constructing trail heads and trails running parallel to the Bellamy River over land of the Dover Middle and High Schools connecting to Bellamy Road. From here, users will be able to connect through Bellamy Park to trails parallel to the Bellamy River, along property fronting on NH Route 155.		9. Justification & Useful Life This project extends the Community Trail from Central Avenue to include multi-family housing located off Knox Marsh Road and increase safety routes to the Dover Middle and High Schools.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$400,000	Other	Grant Financed	Reserve Financed
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$400,000	TAP Grant \$320,000 TIP Financed \$80,000		
After Sixth Year		10B. Source of Cost Estimate: Staff		

TAP 2017-Dover Trail Expansion



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title: PW-Reconstruction of Elm, Summer, Hamilton, Belknap		2. Category Public Works		3. Priority High
4. Location Elm, Summer, Hamilton, Belknap		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 66		7. Project History (Previous CIP Year or connection to other projects): 2019 \$100,000 water main design 2021 \$725,000 water main replacement		
8. Description This project will include the design for drainage, sidewalks and street reconstruction. The design of this project will take into account elements, as outlined in the City's Complete Streets/Traffic Calming policy.		9. Justification & Useful Life Roadways, drainage and some portions of sidewalks are in poor condition and in need of replacement. PCI Code: 27		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$200,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$2,000,000	Other	Debt Financing	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$2,200,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title: Bridge Replacement County Farm		2. Category Public Works		3. Priority Medium
4. Location County Farm Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects):		
8. Description Design of the bridge replacement on County Farm Road over the Cochecho River.		9. Justification & Useful Life The previous bridge in this location burned in the late 1970's and was never replaced. A new bridge in this location would reduce traffic on Tolend Road and provide an additional route to and from Barrington and Rochester.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$250,000	Design Engineering	Debt Financing	Grant Funding
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$250,000			
After Sixth Year	TBD by design	10B. Source of Cost Estimate: Staff		



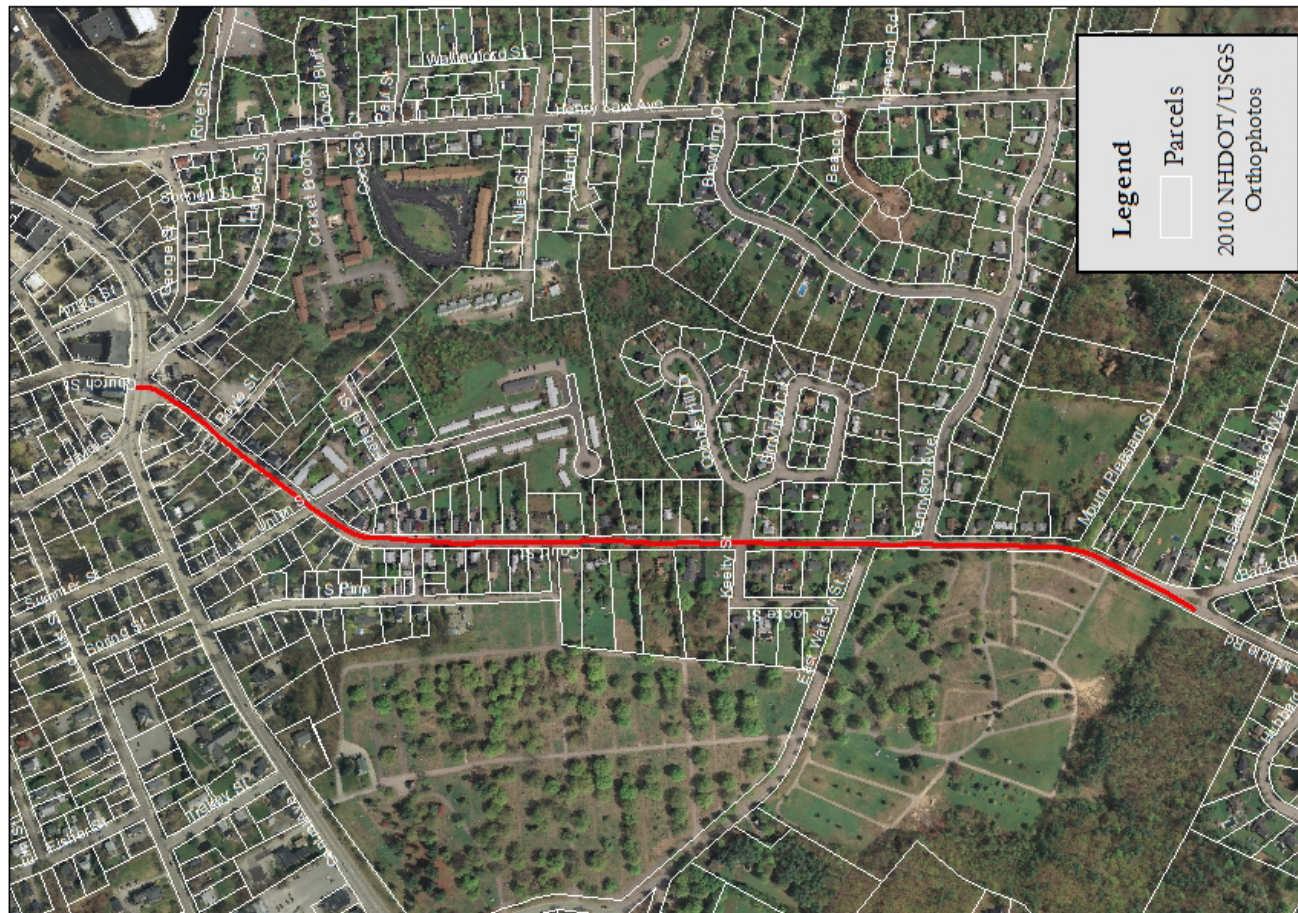
Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title Bridge Replacement Route 108		2. Category Public Works	3. Priority Medium	
4. Location Route 108 between Exit 7 and Back River Road/Durham Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Upgrades on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects): Projected moved out in anticipation of applying for State aid		
8. Description This project will design expansion of travel lanes on the Route 108 bridge. This expansion will include the addition of a dedicated turning lane for those heading west on NH 108 to enter the Exit 7 of the Spaulding Turnpike.		9. Justification & Useful Life The addition of travel lanes will improve traffic flow on the Route 108 corridor.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$250,000	Design Engineering	Debt Financing	Grant Funding
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$250,000			
After Sixth Year	TBD by Design	10B. Source of Cost Estimate: Staff		



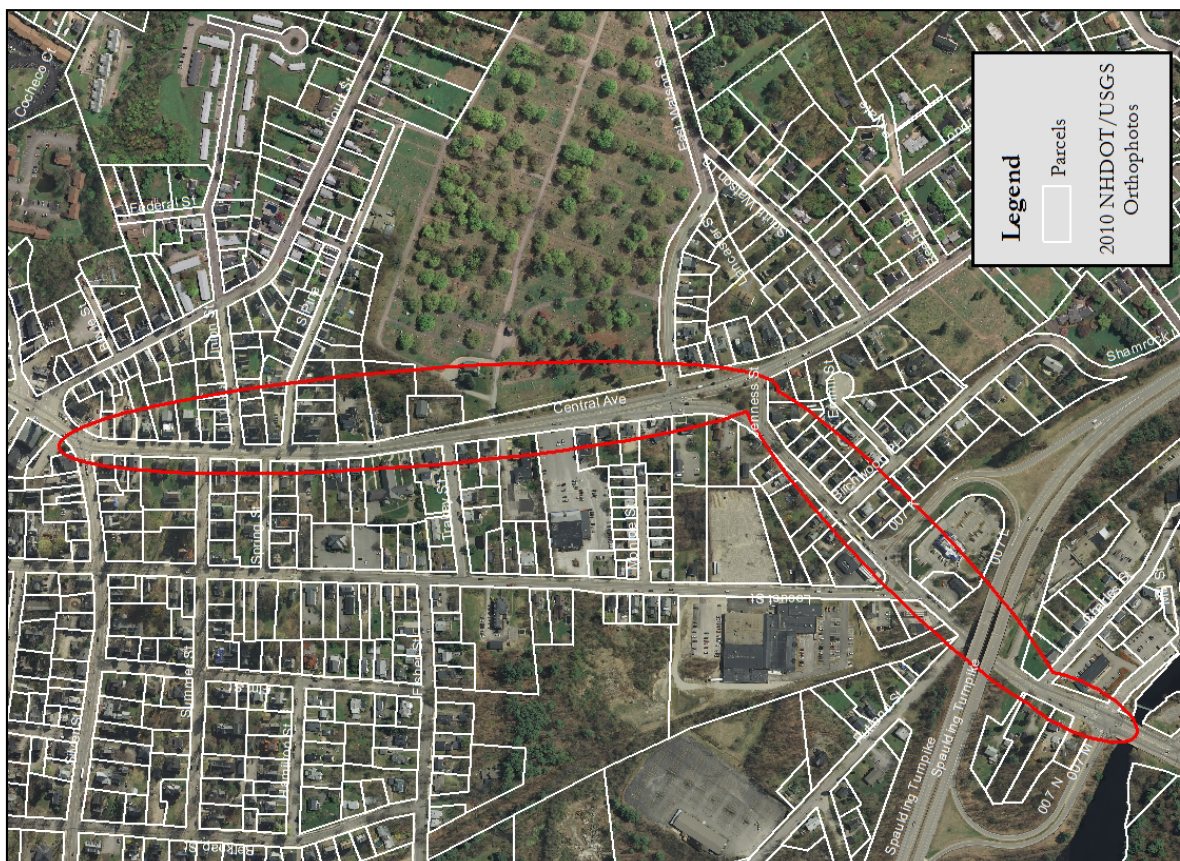
Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Atlantic Avenue Reconstruction		2. Category Public Works	3. Priority Medium	
4. Location Atlantic Avenue		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects): FY2006 - \$400k water main replacement FY2008 - \$300K water main replacement FY2012 - \$200K Design Engineering Pushed back in FY16		
8. Description Upgrade of street to include roadways repairs, sidewalks and new drainage system.		9. Justification & Useful Life The water main has been replaced and the remainder of the project is ready for design. PCI Code: 88		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$1,500,000	Other	Debt Financing	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,500,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



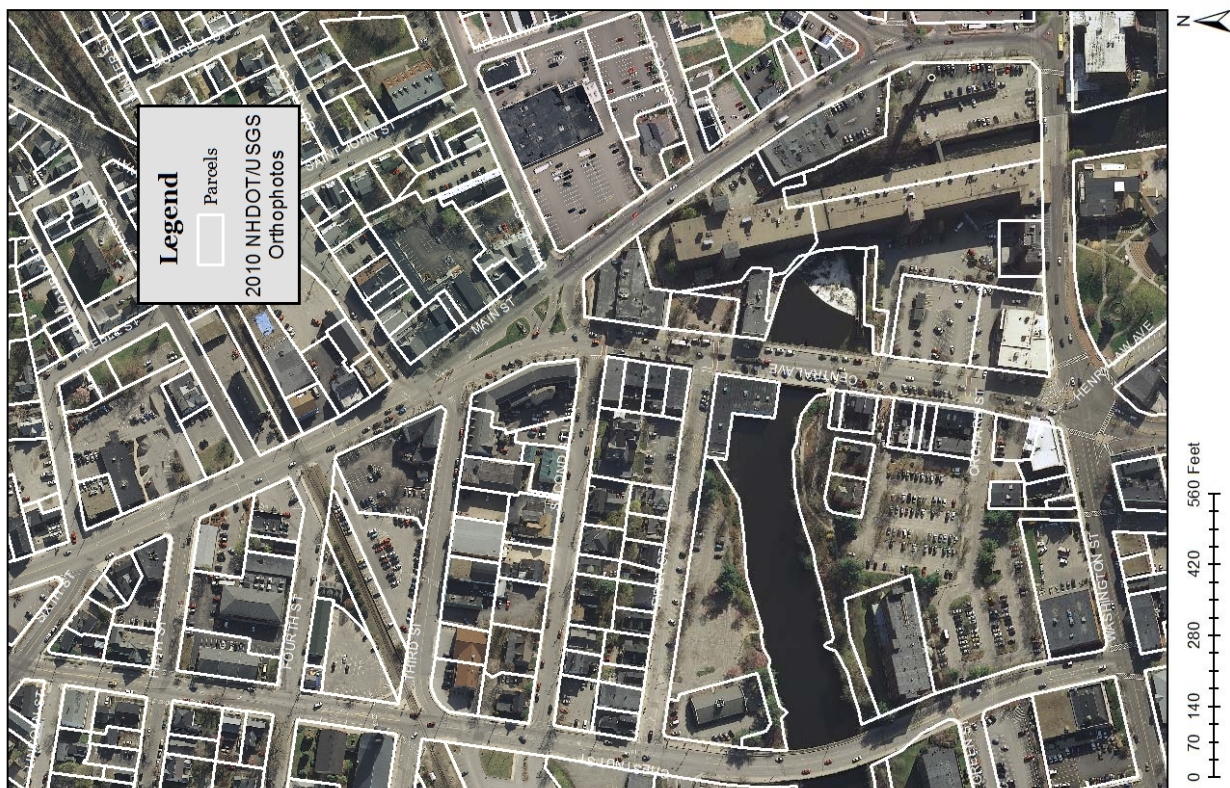
Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Court Street Complete Street Reconstruction		2. Category Public Works	3. Priority Medium	
4. Location Court St/Silver St Intersection to Middle Road		5. Purpose of Project Request Add a project to the CIP		
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects); Street reconstruction of Silver Street (FY15, FY 2017)		
8. Description Project would design complete upgrades to Court Street from Central to Middle/Back Road. The project would include sidewalks, and drainage. Similar to Silver Street, the project would be a Complete Streets update.		9. Justification & Useful Life The current layout of Tuttle Square is disjointed with the intersection of Silver Street and Central Avenue being very close to the intersection of Court Street and Central Avenue. Furthermore, the PCI Code: 37		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$150,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$1,000,000	Other	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,150,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director		Date Phone Number		08/15/2016 603-516-6450	
1. Project Title: Central Avenue Drainage Replacement				2. Category Public Works		3. Priority Low	
4. Location Central Avenue				5. Purpose of Project Request Add a new item to the CIP			
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11				7. Project History (Previous CIP Year or connection to other projects); Central Avenue water replacement FY21			
8. Description Project will replace existing drainage from Silver Street to Mill Street.				9. Justification & Useful Life There have been several failures in the drain line and the main needs replacement			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL		SECONDARY	
Program year FY 2018		\$0	Choose an item.	Choose an item.		Choose an item.	
Program year FY 2019		\$0	Choose an item.	Choose an item.		Choose an item.	
Program year FY 2020		\$0	Choose an item.	Choose an item.		Choose an item.	
Program year FY 2021		\$75,000	Design Engineering	Debt Financing		Choose an item.	
Program year FY 2022		\$0	Choose an item.	Choose an item.		Choose an item.	
Program year FY 2023		\$175,000	Other	Debt Financing		Choose an item.	
TOTAL SIX YEARS		\$250,000					
After Sixth Year		\$1,000,000	10B. Source of Cost Estimate: Staff				



Department Contact Person, Title	Planning Christopher Parker Director of Planning	Date Phone Number	08/15/2016 603-516-6450
1. Project Title: Downtown Traffic Efficiency Improvements		1. Project Title Downtown Traffic Efficiency Improvements	3. Priority Low
4. Location Urban Core		5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Transportation/Land Use		7. Project History (Previous CIP Year or connection to other projects): FY14 \$200K design	
8. Description: The project would implement improvements to pedestrian and vehicular traffic flow through the central business district. These improvements would include traffic calming elements on Chestnut Street, and other design features such as wayfinding elements to improve access and flow. The design was created by the Cecil Group, per funding in FY 14. Additionally, new streetscape, pedestrian ways, and lighting would be designed and installed.		9. Justification & Useful Life The project, as recommended in the Master Plan would mitigate back-ups in the downtown during peak hours, and increase the through-put of vehicles through downtown. Additionally, this traffic flow improvement would compliment pedestrian friendly use by incorporating safe ways across the wide upper square where there is none today. This would promote shopping across the expanse. Useful life: 20-30 years	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
Program year FY 2018	\$0	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.
Program year FY 2021	\$750,000	Other	Debt Financing
Program year FY 2022	\$0	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$750,000		
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff	
		SECONDARY	



Department Contact Person, Title	Planning Christopher Parker, Director of Planning	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Street Reconstruction Fifth Street		1. Project Title Downtown Traffic Efficiency Improvements	3. Priority Medium	
4. Location Chestnut to Fourth Street		5. Purpose of Project Request Add a project to the CIP		
6. Master Plan Chapter, Section and page # Transportation/Land Use		7. Project History (Previous CIP Year or connection to other projects): FY21 \$125K Water		
8. Description: The project would implement improvements to the Section of Fifth Street from Chestnut Street to Fourth Street. Improvements would include pedestrian, drainage and street tree improvements.		9. Justification & Useful Life Fifth Street is an older area of the City and has long had drainage and sidewalk repair needs. This project would replace and upgrade deficient infrastructure. PCI Code: 39		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$500,000	Other	Debt Financing	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$500,000			
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff		

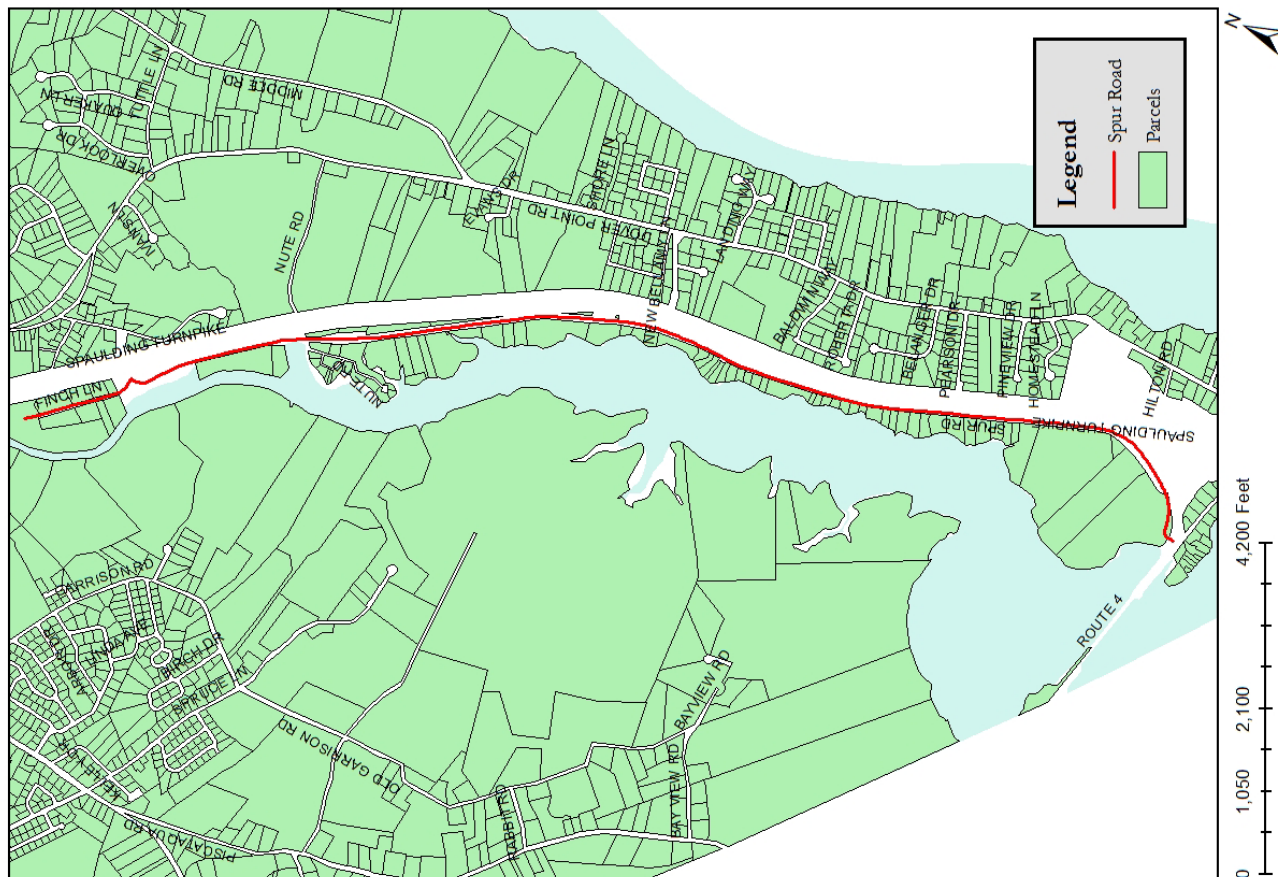


Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Street Lights Upgrade LED		2. Category Public Works		3. Priority High
4. Location: City Wide		5. Purpose Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # 2012 Updates on Recommendations, Transportation, p. 11		7. Project History (Previous CIP Year or connection to other projects): FY15 - FY17 \$75,000		
8. Description This project will fund a replacement of Dover's Street Lights.		9. Justification & Useful Life LED lights provide Improved nighttime visibility and safety through better color rendering, more uniform lighting distributions and the elimination of many dark areas between poles. LEDs reduce direct and reflected uplight which are the primary causes of urban sky glow. There is typically a 40-80% energy savings (depending on incumbent lighting source and lighting design criteria), and a potential 50-75% street lighting maintenance savings.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$700,000	Other	Debt Financed	Grant Financed
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$700,000	Note: \$100,000 grant financed		
After Sixth Year	\$0	10B. Source of Cost Estimate: Staff		

An Example of LED Street Lights



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director		Date Phone Number		08/15/2016 603-516-6450	
1. Project Title: Street Reconstruction Spur Road				2. Category Public Works		3. Priority Medium	
4. Location Spur Road (full length)				5. Purpose of Project Request Add a new project to the CIP			
6. Master Plan Chapter, Section and page # Transportation				7. Project History (Previous CIP Year or connection to other projects):			
8. Description Project would reclaim, inject concrete base and repave Spur Road. The design of this project will take into account elements, as outlined in the City's Complete Streets/Traffic Calming policy.				9. Justification & Useful Life The road bed on Spur Road is in very poor condition causing premature pavement failure. The injection of concrete to the road bed is a cost effective method rather than replacing the entire road bed. PCI Code: 44			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL	
SECONDARY							
Program year FY 2018		\$0		Choose an item.		Choose an item.	
Program year FY 2019		\$0		Choose an item.		Choose an item.	
Program year FY 2020		\$0		Choose an item.		Choose an item.	
Program year FY 2021		\$500,000		Other		Debt Financing	
Program year FY 2022		\$500,000		Other		Debt Financing	
Program year FY 2023		\$0		Choose an item.		Choose an item.	
TOTAL SIX YEARS		\$1,000,000					
After Sixth Year				10B. Source of Cost Estimate: Staff			



Culture and Recreation Projects

Transfer to Capital Reserve - Park/Playground
Park Infrastructure Replace/Maintenance
Arena—Zamboni Replacement
Indoor Pool Heating System Repairs
Arena—Fosters Rink Renovations
Park Improvements - Garrison Hill Park
Indoor Pool Solarium

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$112,500
Reserve Financed	\$165,000
Debt Financed	\$0
Grant Financed	\$0
Total	\$277,500

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Transfer to Capital Reserve		2. Category Culture and Recreation	3. Priority High	
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # 45 Recreation, Recommendations p. 36		7. Project History (Previous CIP Year or connection to other projects): FY14—FY 17: \$112,500		
8. Description Transfer of funds from the operating budget into reserve account for payment of future projects and equipment. This is revenue from the sale of sand and gravel.		9. Justification & Useful Life To ensure adequate funding is available for facility and infrastructure upgrades without having large increases in user fees or tax rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$112,500	Other	Operating Budget	Special Revenue
Program year FY 2019	\$112,500	Other	Operating Budget	Special Revenue
Program year FY 2020	\$112,500	Other	Operating Budget	Special Revenue
Program year FY 2021	\$112,500	Other	Operating Budget	Special Revenue
Program year FY 2022	\$112,500	Other	Operating Budget	Special Revenue
Program year FY 2023	\$112,500	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$675,000	Note: Special Revenue is gravel funds collected		
After Sixth Year	\$112,500	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401
1. Project Title: Park Infrastructure Replace/Maintenance		2. Category Culture and Recreation	3. Priority High
4. Location Citywide (all parks)		5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p.37 & 38		7. Project History (Previous CIP Year or connection to other projects): All city parks require annual improvements and this relates to all other CIP park improvements projects	
8. Description The 2009 Master Plan recommends a number of maintenance and upgrade items for parks throughout the city. These projects include replacing signage, increasing/replacing benches and other amenities as well as replacing and maintaining playground equipment before a complete rehabilitation is required at a greater price.		9. Justification & Useful Life: Park signs are exposed to the elements and have a lifespan of 10 – 15 years. Many are older than that. Benches and amenities have high use and require constant attention, and maintenance; lifespan is 5 to 10 years. Playground equipment is constantly being used and must be maintained for safety and prolonged usefulness. Lifespan is 10 – 15 years for overall equipment, and may be extended by repairing and replacing components as needed.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
			SECONDARY
Program year FY 2018	\$75,000	Other	Capital Reserve
Program year FY 2019	\$0	Choose an item.	Choose an item.
Program year FY 2020	\$75,000	Other	Capital Reserve
Program year FY 2021	\$75,000	Other	Capital Reserve
Program year FY 2022	\$75,000	Other	Capital Reserve
Program year FY 2023	\$75,000	Other	Capital Reserve
TOTAL SIX YEARS	\$375,000	Note: \$25,000 of the funds would be impact fees collected for recreation	
After Sixth Year		10B. Source of Cost Estimate: Staff	

Examples of Park Infrastructure in need of Repair



Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Arena Zamboni Replacement		2. Category Culture and Recreation	3. Priority High	
4. Location-Dover Ice Arena		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p. 49		7. Project History (Previous CIP Year or connection to other projects): Has been listed for several years and is an important part of energy improvements to the Indoor Pool		
8. Description The Zamboni Ice Resurfacing machine is a critical piece of what keeps the ice quality high. The two machines are used heavily and tend to deteriorate in the moist environment due to rust. The oldest machine is 16 years old and is in dire need of replacement as its body and frame are rusting out and may not be able to be repaired in the next year or two.		9. Justification & Useful Life The typical sustainable life of a Zamboni is 15 to 20 years depending on use. Since we are in a year round ice use situation we tend to see the 15 year life be what we get out of a machine before major breakdowns occur. We are at that stage now. A new machine will hopefully last at least 15 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$90,000	Other	Capital Reserve	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$90,000	Note: Arena Capital Reserve will be used		
After Sixth Year		10B. Source of Cost Estimate: Staff		

Zamboni to be replaced



Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Indoor Pool Heating System		2. Category Culture and Recreation	3. Priority High	
4. Location-Dover Indoor Pool		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p. 49		7. Project History (Previous CIP Year or connection to other projects): The boiler system for the Indoor Pool was once connected to an energy improvements project done by Seimans in the 1990's. These units were flooded twice in 2005 and 2007 due to the Cochecho River overflowing its banks and entering the building. They were rebuilt at the time but are unreliable and very inefficient as compared to today's high efficiency Natural Gas units. These need to be replaced prior to failure so that the pool building and the pool itself can continue to operate. The pumps and heat exchanger systems also need to be updated and the unused sections from the co-gen system removed.		
8. Description There are currently 4 separate Natural Gas fired hot water boilers that feed a distribution system of pumps and heat exchangers. They feed the Indoor Pool building, the pool water heating and domestic hot water. This system dates back 20 years and was part of a larger electric and heat co-generation system that is no longer in operation. The current system is in fair to poor condition and requires many hours of repair annually. This whole system needs to be upgraded or replaced in the very near future to avoid a serious failure.		9. Justification & Useful Life The Indoor Pool is a highly used and very intense environment for the level of heat it requires to keep it comfortable for swimmers and patrons. The heating system runs year round and 24 hours a day to keep the pool water temperature steady and the building envelope at a corresponding temperature. The current boilers and pump system has been maintained for over 20 years and has been flooded twice requiring extensive repairs. The useful life of the current units is 20 years and which they have exceeded even with the damage of the flooding taken into account. The new systems will last at least 20 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$200,000	Other	Capital Reserve	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$200,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Heating System in need of Repair



Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Arena Fosters Rink Renovations		2. Category Culture and Recreation	3. Priority Low	
4. Location-Dover Ice Arena		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p. 49		7. Project History (Previous CIP Year or connection to other projects): Has been listed for several years and is an important part of energy improvements to the Indoor Pool		
8. Description The original building, which houses the Foster Ice Rink, was built in 1977 and was renovated in 2000. Parts of that building were not renovated due to a tight construction budget. One of those areas was the locker rooms, which are being renovated in 2016. The remaining area to be addressed is in the front of the building which houses underutilized spaces that need work to prepare them for lease to create new revenue streams.		9. Justification & Useful Life In order to maximize the potential revenues in the Arena all spaces must be prepared for their maximum potential use. There is a largely underutilized space on the first and second levels of the original rink building and can, if renovated, be leased to tenants for a variety of related activities. This work will create the potential for partnerships in the investment and long term agreements for space utilization.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$75,000	Other	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$75,000	Note: Arena Capital Reserve will be used		
After Sixth Year		10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Garrison Hill Park Renovation		2. Category Culture and Recreation	3. Priority High	
4. Location Abbey Sawyer Memorial Drive		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p.42		7. Project History (Previous CIP Year or connection to other projects): Garrison Hill Park has had a series of minor and major improvements but none in the last 20 years. The Observation Tower was replaced through private funding over 20 years ago. There is a proposal to upgrade the winter sports capabilities and to make significant year round use of the park happen through trail construction and woodland enhancements.		
8. Description The winter sports area will be significantly improved with a rope tow and lighting added and additional ski and snowboarding trails constructed. The infrastructure of parking and other park amenities will be addressed. New trails will be constructed and the woodland will be improved through selective harvesting and planting of appropriate tree species for this area.		9. Justification & Useful Life Garrison Hill Park is one of the major City Park Properties that draws thousands of visitors to take in the panorama of the City of Dover and Seacoast area. It can be so much more of an asset if it had the upgrades and added amenities that will make it more of a landmark and icon of the City of Dover.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$250,000	Other	Capital Reserve	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$250,000	Note: Impact Fees and Capital Reserve to be Used		
After Sixth Year		10B. Source of Cost Estimate: Staff		

An view of Garrison Hill Park Infrastructure



Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Indoor Pool Solarium		2. Category Culture and Recreation	3. Priority Low	
4. Location-Dover Indoor Pool		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p. 49		7. Project History (Previous CIP Year or connection to other projects): Has been listed for several years and is an important part of energy improvements to the Indoor Pool		
8. Description The Dover Indoor Pool was built in 1968 and was not designed with any natural lighting. It has a south facing wall with two garage doors that could be modified to create a Solarium space as an addition to that side of the building. This will increase deck space and add light to the pool area. The electric lights also need to be replaced and upgraded to more energy efficient fixtures as they ones in place do not meet current code.		9. Justification & Useful Life The Indoor pool could be a much more attractive and efficient facility if it could be modified and updated to include natural lighting. The electric lights in the pool area are out of code and inefficient and need to be changed out as soon as possible. Also the current plans for improvements to the Henry Law Park playground open up possible connections to the Indoor Pool if the south side of the building were modified as in this project.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$150,000	Note: Recreation Impact Fees and Capital Reserve will be used		
After Sixth Year		10B. Source of Cost Estimate: Staff		

Area being considered for Indoor Pool Solarium



Public Library Projects

Library Books and Collections
Air Conditioning System Phase 2
Replace Slate Roof

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$111,415
Reserve Financed	\$300,000
Debt Financed	\$0
Grant Financed	\$0
Total	\$411,415

Department Contact Person, Title	Public Library Cathy Beaudoin, Director	Date Phone Number	06/15/2016 516-6050
1. Project Title: Library Books and Collections	2. Category Public Library	3. Priority High	
4. Location Dover Public Library	5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Public Library, p. 31	7. Project History (Previous CIP Year or connection to other projects): Ongoing annual purchase of library materials through CIP (Operating Budget). (FY2017 = \$108,272.)		
8. Description: Capital Account 4748 (\$104,772) plus a portion of the Fund Balance in Library Fines acct 3455 (\$3,500). Funds ongoing purchases of library materials. Including: print books (hard and softcover) DVDs Audiobooks & music on CD	9. Justification & Useful Life Annual funding of library's Books and Collections budget is essential to maintaining high quality, useful, and popular collection, and to fulfilling our mission to provide "a broad range of information and popular formats, which entertain, empower, educate, and enrich the citizens we serve." Average useful life is 10 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)		10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
Program year FY 2018	\$111,415	Other	Operating Budget
Program year FY 2019	\$114,652	Other	Operating Budget
Program year FY 2020	\$117,987	Other	Operating Budget
Program year FY 2021	\$121,422	Other	Operating Budget
Program year FY 2022	\$124,960	Other	Operating Budget
Program year FY 2023	\$128,604	Other	Operating Budget
TOTAL SIX YEARS	\$ 719,040	Special Revenue is Fine money.	
After Sixth Year	\$132,357	10B. Source of Cost Estimate: 3% annual appropriation increase.	
		SECONDARY	
			Special Revenue
			Special Revenue
			Special Revenue
			Special Revenue
			Special Revenue
			Special Revenue



Department Contact Person, Title	Public Library Cathy Beaudoin, Director	Date Phone Number	06/15/2016 516-6050	
1. Project Title: Library Air Conditioning		2. Category Public Library		3. Priority High
4. Location Dover Public Library		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Public Library, p. 29, 32		7. Project History (Previous CIP Year or connection to other projects): FY17 \$128,500		
8. Description 1988 library addition, approx 7000 SF, is air conditioned, leaving 13,000 SF in 1905 building with window units, where possible. Project would install central air in full 20,000 sf.		9. Justification & Useful Life Summer months are busiest time in library with nearly 700 people visiting each day. The adult circulation desk, the hub of patron activity, averages over 80 degrees each day in summer. Patrons and staff would benefit from air conditioning the building and library could be promoted as a "cooling center". This project would decrease energy loads and increase efficiency as well as improve the aesthetics of the building. Useful life is 15 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$300,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$300,000			
After Sixth Year		10B. Source of Cost Estimate: Vendor		



sample image for reference

An Example of an Air Conditioning Unit

Department Contact Person, Title	Public Library Cathy Beaudoin, Director	Date Phone Number	06/15/2016 516-6050
1. Project Title: Replace Slate Roof	2. Category Public Library	3. Priority Low	
4. Location Dover Public Library	5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Public Library, p. 29, 32	7. Project History (Previous CIP Year or connection to other projects): FY17 \$128,500		
8. Description Original (1905) slate "100-year" roof at library is now (2016) 111 years old should be replaced in coming years. No emergency concerns, but patches and repairs over the decades (but particularly in 1988 when addition was built) were "less than ideal" using "installation methods and techniques that were suspect at best" (Roof consultant Steven Burns). Age-related symptoms include missing, loose, broken slate; damaged, displaced, failing metal flashing. Also, several repairs were made with wrong color slate.	9. Justification & Useful Life Protection of historic city building and its contents is essential. Repair of aging city infrastructure is Council goal. Useful life should be another 100 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)		10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
			SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.
Program year FY 2023	\$450,000	Improvements to Buildings	Debt Financed
TOTAL SIX YEARS	\$450,000		
After Sixth Year		10B. Source of Cost Estimate: Vendor	



Examples of Areas of the Roof

Education Projects

Transfer to Capital Reserve - Curriculum
Transfer to Capital Reserve - Facilities
Transfer to Capital Reserve - Info. Tech
Transfer to Capital Reserve - Athletics
Curriculum Replacement and Upgrade
Facilities/School Maintenance and Repairs
Information Technology Replacement and Upgrade
Middle School Roof Replacement

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$454,250
Reserve Financed	\$90,750
Debt Financed	\$0
Grant Financed	\$0
Total	\$545,000

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Transfer to Capital Reserve—Curriculum		2. Category Education		3. Priority High
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools		7. Project History (Previous CIP Year or connection to other projects): Continued from previous CIP FY16 \$25,000 approved		
8. Description Transfer of funds from the operating budget into reserve account for payment of future large curriculum upgrade projects. This reserve fund will be used in conjunction with the annual curriculum funding in the general operating budget.		9. Justification & Useful Life To ensure adequate funding is available for curriculum upgrades without having large increases in tax rates. Curriculum replacement is determined by a six-year cycle that is updated annually.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$45,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$45,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$45,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$45,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$45,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$45,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$270,000			
After Sixth Year	\$45,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Transfer to Capital Reserve—School Facility		2. Category Education		3. Priority High
4. Location Citywide		5. Purpose of Project Request Modify a project in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools		7. Project History (Previous CIP Year or connection to other projects): Continued from Previous CIP FY16: \$25,000 approved		
8. Description Transfer of funds from the operating budget into the existing School Facility reserve account for payment of future facility upgrade/improvement projects.		9. Justification & Useful Life To ensure adequate funding is available for facility upgrades without having large increases in tax rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$50,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$50,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$50,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$50,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$50,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$50,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$300,000			
After Sixth Year	\$50,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Transfer to Capital Reserve—Information Technology		2. Category Education		3. Priority High
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools		7. Project History (Previous CIP Year or connection to other projects): Continued from previous CIP FY2016 \$25,000 approved		
8. Description Transfer of funds from the operating budget into the existing School Facility reserve account for payment of future IT upgrade/improvement projects.		9. Justification & Useful Life To ensure adequate funding is available for curriculum upgrades without having large increases in tax rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$40,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$40,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$40,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$40,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$40,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$40,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$240,000			
After Sixth Year	\$40,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Transfer to Capital Reserve—Athletics		2. Category Education		3. Priority High
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools		7. Project History (Previous CIP Year or connection to other projects): Continued from previous CIP FY2016 \$25,000 approved		
8. Description Transfer of funds from the operating budget into the existing School Facility reserve account for payment of future IT upgrade/improvement projects.		9. Justification & Useful Life To ensure adequate funding is available for curriculum upgrades without having large increases in tax rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$20,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$20,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$20,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$20,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$20,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$20,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$120,000			
After Sixth Year	\$20,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Curriculum Replacement and Upgrade		2. Category Education		3. Priority High
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools, p. 28		7. Project History (Previous CIP Year or connection to other projects): Continued from previous CIP Fy16 \$50,000 approved		
8. Description Planned curriculum review and upgrade per Curriculum Six Year Cycle.		9. Justification & Useful Life To ensure adequate funding is available for curriculum upgrades without having large increases in tax rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$100,000	Other	Operating Budget	Capital Reserve
Program year FY 2021	\$100,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$100,000	Other	Operating Budget	Capital Reserve
Program year FY 2023	\$100,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$600,000	Note: Funding from Capital Reserves to be used in conjunction with general Operating Budget funds.		
After Sixth Year	\$100,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Facilities/School Maintenance and Repairs		2. Category Education		3. Priority High
4. Location District Wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools, p. 28		7. Project History (Previous CIP Year or connection to other projects):		
8. Description: Renovation of: - Mechanical and ventilation systems, plumbing and electrical upgrades - Roof and insulation - Window replacement - Life Safety - Paving and Striping - Replacement and expansion of bathrooms - Remodeling and enlarging of classrooms to NH state standards - Improvement to grounds - Energy efficiency upgrades		9. Justification & Useful Life: Useful Life – 5 – 20+ Years Maintenance of facilities and schools is imperative to District operations and protection of the City's investment in infrastructure. It is likely that the Dover School District will contract with an energy performance vendor to realize guaranteed savings for facilities upgrades. This includes lighting, building envelope, plumbing fixtures, etc.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$125,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2019	\$125,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2020	\$125,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2021	\$125,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2022	\$125,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2023	\$125,000	Improvements to Buildings	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$750,000			
After Sixth Year	\$125,000	10B. Source of Cost Estimate: Architect		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Information Technology Replacement and Upgrade		2. Category Education		3. Priority High
4. Location District Wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Schools, p. 28		7. Project History (Previous CIP Year or connection to other projects): Continued from previous CIP FY16 \$50,000 approved		
8. Description: Renovation of: - Infrastructure Improvements - Replacement of Servers/Routers/Switches - Annual Replacement of Hardware, (Desktops, Laptops, iPads, Chromebooks) on a 5 year lifespan cycle - Large scale replacement of software programs		9. Justification & Useful Life: Useful Life – 20 Years Maintenance of IT infrastructure, equipment and software is imperative to the success of teaching and learning, as well of the operations of the Dover School District. The District is currently undergoing an IT audit of infrastructure, devices, software, staffing and IT-related curriculum impact and support. This will inform a longer-term strategy for the planning and procurement of IT resources.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$150,000	Other	Operating Budget	Capital Reserves
Program year FY 2021	\$125,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$150,000	Other	Operating Budget	Capital Reserves
Program year FY 2023	\$125,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$800,000	Note: Capital Reserve funds are used in conjunction with general Operating Budget and eRate reimbursements.		
After Sixth Year	\$150,000	10B. Source of Cost Estimate: Architect		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Dover Middle School Roof Replacement		2. Category Education		3. Priority High
4. Location DMS—16 Daily Drive		5. Purpose of Project Request Modify a new project in the CIP		
6. Master Plan Chapter, Section and page # 29 Community Facilities		7. Project History (Previous CIP Year or connection to other projects):		
8. Description: This project will entail removing and replacing 75,000 square feet of 20 year old asphalt architectural shingles at the Dover Middle School. It will also entail adding a new layer of EPDM on the existing EPDM roof.		9. Justification & Useful Life: The existing roof is showing signs of fatigue, is out of warranty, and has required numerous repairs starting with significant levels of shingle repair in FY2012 and FY2013. In FY2019 the existing roof will be reaching its useful life of 20 years, and it is recommended by the Dover School Facilities department for replacement. The EPDM roof will have a continued useful life of five to ten more years with preventative maintenance, but will need replacing between FY2021 and FY2026.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$520,500	Improvements to Buildings	Debt Financing	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$500,000	Improvements to Buildings	Debt Financing	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,020,500			
After Sixth Year		10B. Source of Cost Estimate: Architect		



Views of the Roof at DMS



Special Revenue Projects

SAU Cafeteria Maintenance/Repair/Upgrade
SAU Light Vehicle Replacement
SAU Athletic Improvements
McConnell Center Trim Repairs/Painting
Parking Deck - School Street

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$0
Reserve Financed	\$125,000
Debt Financed	\$0
Grant Financed	\$0
Total	\$125,000

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2016 603-516-6800
1. Project Title Kitchen/Cafeteria Maintenance/Repair/Upgrade		2. Category Special Revenue	3. Priority High
4. Location District Wide		5. Purpose of Project Request Add a new project to the CIP	
6. Master Plan Chapter, Section and page #28 Community Facilities		7. Project History (Previous CIP Year or connection to other projects):	
8. Description: Cafeteria/Kitchen Maintenance and Repairs Mechanical and ventilation systems, plumbing and electrical upgrades Life Safety Improvements Replacement of Equipment Replacement of Furniture		9. Justification & Useful Life The Dover School District has five kitchen and cafeteria spaces to maintain. Ongoing repair of the infrastructure as well as repair and/or replacement of the equipment and furniture is essential to providing high quality food and nutrition services to students. Projects will focus on routine maintenance, repair and replacement as well as specific upgrades to life safety equipment, serving lines and other mechanical systems.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
			SECONDARY
Program year FY 2018	\$75,000	Improvements to Buildings	Special Revenue
Program year FY 2019	\$40,000	Improvements to Buildings	Special Revenue
Program year FY 2020	\$40,000	Improvements to Buildings	Special Revenue
Program year FY 2021	\$40,000	Improvements to Buildings	Special Revenue
Program year FY 2022	\$40,000	Improvements to Buildings	Special Revenue
Program year FY 2023	\$40,000	Improvements to Buildings	Special Revenue
TOTAL SIX YEARS	\$275,000	Note: Funding from Cafeteria revenue fund balance	
After Sixth Year	\$40,000	10B. Source of Cost Estimate:	

An Example of Necessary Kitchen/Cafeteria Repair Work



Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800
1. Project Title: Light Equipment Replacement Program		2. Category Special Revenue	3. Priority High
4. Location District Wide		5. Purpose of Project Request Add a new project to the CIP	
6. Master Plan Chapter, Section and page #28 Community Facilities		7. Project History (Previous CIP Year or connection to other projects):	
8. Description: Replacement of Light Equipment Vehicles Tractors Scissor Lift Utility Vehicles Mowers		9. Justification & Useful Life: Light equipment encompasses a number of different forms and functions. Vehicles, (primarily vans), transport students to various curricular and co-curricular activities. There is a current need to expand the number of vans that we have available for this purpose and to ensure that we are replacing vehicles that are reaching the end of their lifespan. Maintenance equipment can include specialty such as tractors, scissor lifts and the like but it can also include utility vehicles that are used to transport equipment and materials.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
Program year FY 2018	\$50,000	Auto/Light Truck	Special Revenue
Program year FY 2019	\$50,000	Auto/Light Truck	Special Revenue
Program year FY 2020	\$50,000	Auto/Light Truck	Special Revenue
Program year FY 2021	\$50,000	Auto/Light Truck	Special Revenue
Program year FY 2022	\$50,000	Auto/Light Truck	Special Revenue
Program year FY 2023	\$50,000	Auto/Light Truck	Special Revenue
TOTAL SIX YEARS	\$300,000	Note: Facilities Rental Income Special Revenue Fund to be utilized in conjunction with Capital Reserve.	
After Sixth Year	\$50,000	10B. Source of Cost Estimate:	
		SECONDARY	
			Capital Reserves
			Capital Reserves
			Capital Reserves
			Capital Reserves
			Capital Reserves
			Capital Reserves

SAU Light Vehicles to be Replaced



Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/15/2016 603-516-6800	
1. Project Title: Athletic Improvements		2. Category Special Revenue		3. Priority High
4. Location District Wide		5. Purpose of Project Request Add a new project to the CIP		
6. Master Plan Chapter, Section and page #45 Community Facilities		7. Project History (Previous CIP Year or connection to other projects):		
8. Description: Items to include, but not limited to: Fields, track and related equipment Tennis courts Score Boards Lighting Storage Facilities Bleachers		9. Justification & Useful Life: Special revenue funds will be used in conjunction with capital reserve funds to fund improvements of current and future athletic projects and programming needs.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$30,000	Other	Special Revenue	Capital Reserves
Program year FY 2020	\$30,000	Other	Special Revenue	Capital Reserves
Program year FY 2021	\$30,000	Other	Special Revenue	Capital Reserves
Program year FY 2022	\$30,000	Other	Special Revenue	Capital Reserves
Program year FY 2023	\$30,000	Other	Special Revenue	Capital Reserves
TOTAL SIX YEARS	\$150,000	Note: Facilities Rental Income Special Revenue Fund to be utilized in conjunction with Capital Reserve.		
After Sixth Year	\$30,000	10B. Source of Cost Estimate:		

Department Contact Person, Title		Recreation Gary Bannon, Recreation Director		Date Phone Number		07/11/2016 603-516-6450	
1. Project Title McConnell Center Trim Repairs/Painting			2. Category Special Revenue		3. Priority Medium		
4. Location 61 Locust Street			5. Purpose of Project Request Modify a project already in the CIP				
6. Master Plan Chapter, Section and page #: Community Facilities, Community Services Page 48			7. Project History (Previous CIP Year or connection to other projects): The McConnell Center went through a major renovation in 2005 and 2006 converting it from a school to a community center. The original building is 109 years old and the wood-en and brick trim work is original and was painted in 2006.				
8. Description The original wooden trim is showing signs of deterioration and needs replacement and repairs in many areas. The whole trim needs to be caulked and painted and the brickwork needs to be checked and repaired if there is deterioration found.			9. Justification & Useful Life The building is over 100 years old and in order to preserve it from water and other damage it needs to be maintained properly. The wood particularly needs immediate attention as it has begun to buckle and crack. The brickwork may be a source of water infiltration around windows and needs evaluation and repair as required. The repairs could last at least 50 years.				
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL	
						SECONDARY	
Program year FY 2018		\$0		Choose an item.		Choose an item.	
Program year FY 2019		\$0		Choose an item.		Choose an item.	
Program year FY 2020		\$120,000		Improvements to Buildings		Operating Budget	
Program year FY 2021		\$0		Choose an item.		Choose an item.	
Program year FY 2022		\$0		Choose an item.		Choose an item.	
Program year FY 2023		\$0		Choose an item.		Choose an item.	
TOTAL SIX YEARS		\$120,000					
After Sixth Year				10B. Source of Cost Estimate: Staff/Contractor			

An Example of an area of the McConnell Center, which will need painting



Department Contact Person, Title	Police Anthony F. Colarusso, Chief	Date Phone Number	08/12/2016 603-742-4646	
1. Project Title: Parking Deck – School Street		2. Category Special Revenue		3. Priority Low
4. Location School Street and Mechanic Street		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Transportation		7. Project History (Previous CIP Year or connection to other projects): Third Street was moved to FY16 and FY17, from Fy15, FY16 and FY17 Downtown Parking Facility FY15 \$11.5M		
8. Description The design and construction of a 70 (35 up/35 ground) space parking deck in the Third Street parking lot in conjunction with in-fill development. Costs associated with the evaluation, appraisal, acquisition, survey, assessment, engineering, design, hazardous waste remediation and sale of parking lots to assist in funding the project are included. An alternative design would be a three level structure with 156 spaces at a cost of \$5.9 million in FY 18 dollars.		9. Justification & Useful Life To enable future downtown commercial and residential expansion. Allows for the spread- ing out of parking spaces within the downtown core. This is a recommendation of various parking management studies conducted for the City between 2000 and 2012.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$2,400,000	Building Construction	Special Revenue	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$2,400,000	Parking fees to pay towards bonds, and special assessment district		
After Sixth Year		10B. Source of Cost Estimate:		

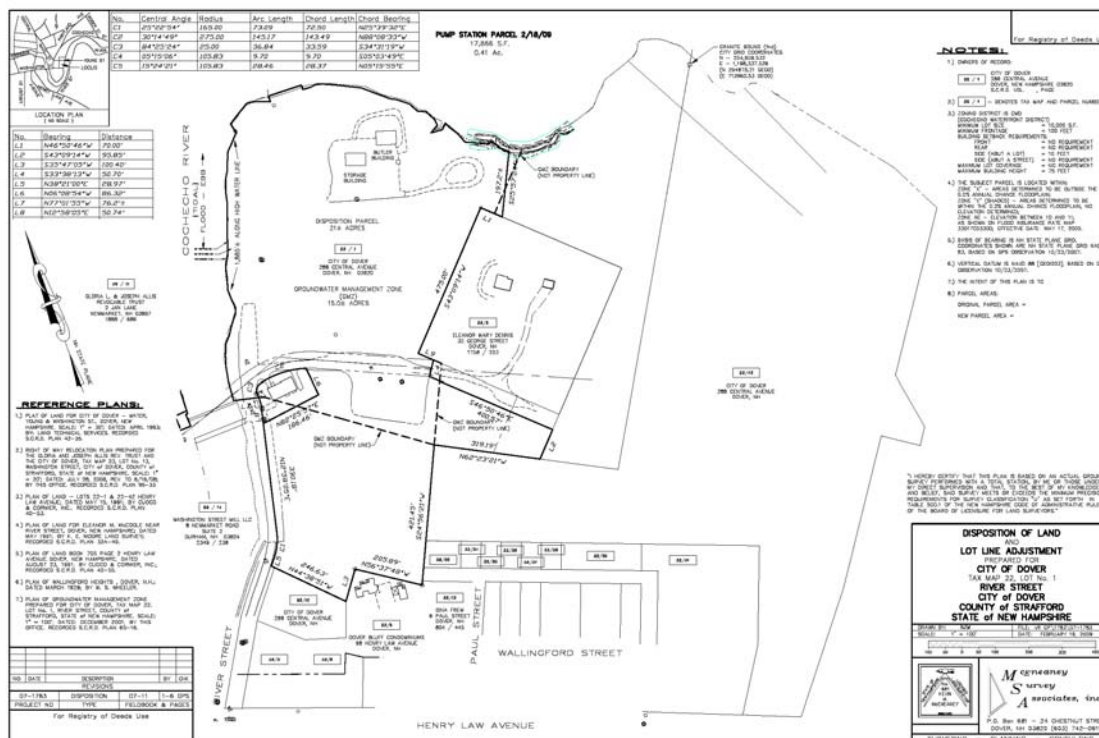
TIF Projects

Cochecho Riverfront Site Preparation
Cochecho Riverfront Park Development
Street/Utility Extension - Waterfront parcel
Park Improvements Maglaras Park
Street Reconstruction—Henry Law Avenue

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$0
Reserve Financed	\$0
Debt Financed	\$800,000
Grant Financed	\$0
Total	\$800,000

Department Contact Person, Title		Planning Christopher Parker, Planning Director		Date Phone Number		9/10/2016 603-516-6008	
1. Project Title Cochecho Riverfront Site Preparation				2. Category TIF		3. Priority High	
4. Location Along the Cochecho River at the end of River St.				5. Purpose of Project Request Modify a project already in the CIP			
6. Master Plan Chapter, Section and page # Land Use Analysis				7. Project History (Previous CIP Year or connection to other projects): The City owned property along the Cochecho River that formerly housed the Public Works and Wastewater Treatment facilities was cleared of these City facilities to make way for park and commercial development.			
8. Description This project will focus on the improvements to the City's waterfront parcel, to create a developable site for private investment. Work includes removing the aggregate from the "bluffs" as well as raising the elevation of the parcel to mitigate impacts of sea level rise.				9. Justification & Useful Life (If Road reconstruction PCI Code) The ability of the City of Dover to attract development of the Cochecho Riverfront property needs to be enhanced through improvements to the property. This will result in the upfront costs to developers to be less of an obstacle and to make the property useful to the general public soon with or without immediate commercial investments. The useful life of these improvements should be over 40 years.			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL SECONDARY	
Program year FY 2018		\$500,000		Other		Debt Financing Choose an item.	
Program year FY 2019		\$0		Choose an item.		Choose an item. Choose an item.	
Program year FY 2020		\$0		Choose an item.		Choose an item. Choose an item.	
Program year FY 2021		\$0		Choose an item.		Choose an item. Choose an item.	
Program year FY 2022		\$0		Choose an item.		Choose an item. Choose an item.	
Program year FY 2023		\$0		Choose an item.		Choose an item. Choose an item.	
TOTAL SIX YEARS		\$500,000		Note: Waterfront TIF			
After Sixth Year				10B. Source of Cost Estimate: Staff/Contractor			



Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6450	
1. Project Title Cochecho Riverfront Park Development		2. Category TIF		3. Priority High
4. Location Along the Cochecho River at the end of River St.		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation		7. Project History (Previous CIP Year or connection to other projects): The City owned property along the Cochecho River that formerly housed the Public Works and Wastewater Treatment facilities was cleared of these City facilities to make way for park and commercial development.		
8. Description This project will focus on the improvements to the Cocheco Riverbank and extension of the Riverwalk Park to allow for recreational access and activities as well as the extension of utilities and site improvements, landscape work and parking areas. Also docks and water access areas will be included to encourage activities to begin in the near future.		9. Justification & Useful Life (If Road reconstruction PCI Code) The ability of the City of Dover to attract development of the Cocheco Riverfront property needs to be enhanced through improvements to the property. This will result in the upfront costs to developers to be less of an obstacle and to make the property useful to the general public soon with or without immediate commercial investments. The useful life of these improvements should be over 40 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$300,000	Design Engineering	Special Revenue	Choose an item.
Program year FY 2019	0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$1,112,500	Other	Special Revenue	Choose an item.
Program year FY 2023	0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,412,500	Note: Waterfront TIF		
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		

Approximate location of future Cochecho Riverfront Park



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director		Date Phone Number		08/15/2016 603-516-6450	
1. Project Title: Street/Utility Extension - Waterfront Parcel				2. Category Special Revenue		3. Priority Medium	
4. Location Washington Street				5. Purpose of Project Request Modify a project already in the CIP			
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 66				7. Project History (Previous CIP Year or connection to other projects): Maglaras Park Improvements FY 2018. Dollar amount updated, project moved out to keep in line with Maglaras Park			
8. Description Project will extend Washington Street from River Street to Henry Law Avenue. The design will transition the road from the urban core to the residential area of Henry Law Avenue with a parkway design, as it flows through Maglaras Park.				9. Justification & Useful Life This portion of Washington Street (from River to Towne Drive) is in very poor shape, and is not intended to handle large volumes of traffic. This upgrade will allow for increased traffic routing options and provide an attractive alternative entrance for visitors to Maglaras Park. Useful Life: 20 years.			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL	
						SECONDARY	
Program year FY 2018		\$0		Choose an item.		Choose an item.	
Program year FY 2019		\$0		Choose an item.		Choose an item.	
Program year FY 2020		\$0		Choose an item.		Choose an item.	
Program year FY 2021		\$2,000,000		Other		Debt Financing	
Program year FY 2022		\$0		Choose an item.		Choose an item.	
Program year FY 2023		\$0		Choose an item.		Choose an item.	
TOTAL SIX YEARS		\$2,000,000		Note: Waterfront TIF			
After Sixth Year				10B. Source of Cost Estimate:			



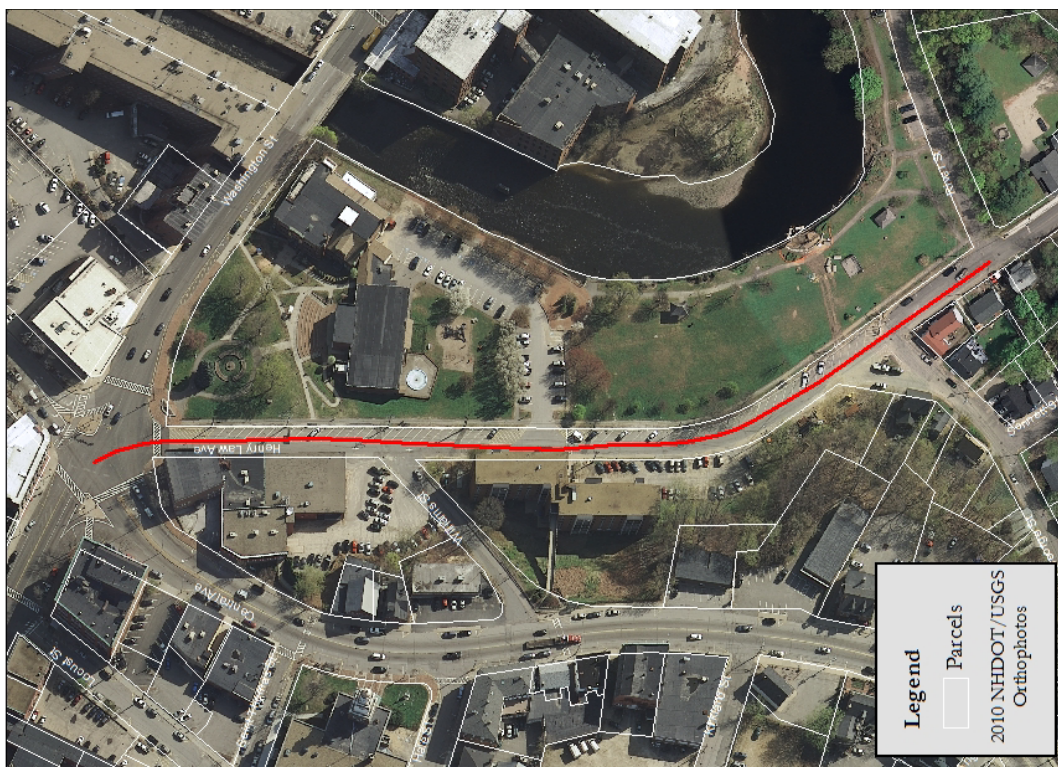
Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/11/2016 603-516-6401	
1. Project Title: Maglaras Park Improvements		2. Category Culture and Recreation	3. Priority Low	
4. Location: Maglaras Park (Towne Drive)		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Recreation, Recommendations, 45		7. Project History (Previous CIP Year or connection to other projects): The project has been in the CIP for 6 years and is related to riverfront development projects that will be done in future years.		
8. Description This is a portion of the Maglaras Park project as outlined in the 2006 Master Plan. This portion focuses on the development of the area of the park that encapsulates the baseball field, entrance road, parking areas, basketball and tennis courts. This is the major portion of the project and will tie into the riverfront development and the access road from the Washington St. Bridge to Henry Law Ave. and the infrastructure that needs to be included in that road project.		9. Justification & Useful Life Maglaras Park is a real jewel of a piece of property and is incredibly valuable and underutilized. It can be the centerpiece of the Dover parks due to its location with proximity to downtown and the future development on the Cochecho River. There is a need for a full size baseball field with an overlay of a multipurpose field due to the fact that this is the last piece of park property available to develop and we need to get the most out of it. The lighted basketball and tennis courts are needed as well. The useful life of this project is at least 40 years.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$1,000,000	Other	Debt Financing	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,000,000	Note: Waterfront TIF		
After Sixth Year		10B. Source of Cost Estimate: Staff		

An Example of Maglaras Park Infrastructure in need of Upgrade



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Street Reconstruction Henry Law Avenue—Phase 3		2. Category Culture and Recreation	3. Priority Low	
4. Location: Henry Law Avenue from Central Ave to River Street		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Transportation,		7. Project History (Previous CIP Year or connection to other projects): The project was completes Henry Law Avenue's reconstruction. Phasae I and II were completed previously, and funding was re—appropriated due to potential waterfront redevelopment.		
8. Description This is a portion of the Henry Law Avenue would be reconstructed, including pedestrian and vehicular improvements, along with drainage and parking improvements.		9. Justification & Useful Life The roadway condition has been in poor shape for many years, and repairs have been postponed until after other improvements needed in Henry Law Park and the area surrounding the park were completed. PCI: 32		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$1,000,000	Other	Debt Financing	Choose an item.
TOTAL SIX YEARS	\$1,000,000	Note: Waterfront TIF		
After Sixth Year		10B. Source of Cost Estimate: Staff		

The area of Henry Law Avenue to be Reconstructed



Water Fund Projects

Transfer to Capital Reserve

Water Exploration

Water Heavy Equipment Replacement

Water Light Vehicle Replacement*

Water Main Replacement - City Wide

Water Meter Replacement

Water Treatment Plant & Well Equipment

Wellhead Protection

Water System Facilities Upgrade

Water Main Replacement - Oak/Broadway Area*

Water Main Replacement - Elm Street Area*

Water Main Replacement - Spur Rd*

Water Main Replacement - Central Ave-Lwr*

Water Main Replacement - Central Ave-Upr*

Water Main Replacement - Fifth Street*

Water Main Replacement - Littleworth Rd

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$765,000
Reserve Financed	\$315,000
Debt Financed	\$9,250,000
Grant Financed	\$0
Total	\$10,330,000

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Transfer to Capital Reserve		2. Category Water Fund		3. Priority High
4. Location City wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 56-57		7. Project History (Previous CIP Year or connection to other projects): FY2014 - FY2017 \$500,000		
8. Description Transfer of funds from the operating budget into reserve account for payment of future projects and equipment.		9. Justification & Useful Life To ensure adequate funding is available for facility and infrastructure upgrades without having large increases in water rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$500,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$3,000,000			
After Sixth Year	\$500,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water Exploration		2. Category Water Fund		3. Priority High
4. Location To be announced at a later date.		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page Community Facilities, Community Service, Page 57		7. Project History (Previous CIP Year or connection to other projects): FY2014 - FY2017 \$100,000		
8. Description Water Exploration and purchase of land for a new water supply well.		9. Justification & Useful Life The City needs to keep looking for new water supply sources to keep up with future needs of the City.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$100,000	Other	Capital Reserve	Choose an item.
Program year FY 2019	\$100,000	Other	Capital Reserve	Choose an item.
Program year FY 2020	\$100,000	Other	Capital Reserve	Choose an item.
Program year FY 2021	\$100,000	Other	Capital Reserve	Choose an item.
Program year FY 2022	\$100,000	Other	Capital Reserve	Choose an item.
Program year FY 2023	\$100,000	Other	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$600,000			
After Sixth Year	\$100,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water Heavy Equipment Replacement		2. Category Water Fund		3. Priority: High
4. Location Citywide		5. Purpose of Project Request Equipment: Scheduled Replacement		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 56		7. Project History (Previous CIP Year or connection to other projects): FY15—FY17: \$40,000		
8. Description This fund is used to replace larger equipment within the Water and Sewer departments. Similar to the Police Vehicle Replacement program, some year's have no equipment purchase, as the funds are allocated to larger purchases the following year.		9. Justification and Useful Life These vehicles are used to perform utility replacement at job sites.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (No Interest)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2019	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2020	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2021	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2022	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2023	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$240,000	Note: Price split between Water and Sewer Funds		
After Sixth Year	\$40,000	10B. Source of Cost Estimate:		

2001 Ford utility truck to be Replaced



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water Light Equipment Replacement		2. Category Water Fund		3. Priority: High
4. Location Citywide		5. Purpose of Project Request Equipment: Scheduled Replacement		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 56		7. Project History (Previous CIP Year or connection to other projects): FY17: 12,500		
8. Description Replacement of light vehicles, such as vans and pickup trucks.		9. Justification and Useful Life These vehicles transport utilities staff as well as parts and supplies to job sites.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (No Interest)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2019	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2020	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2021	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2022	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2023	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$90,000	Note: Price split between Water and Sewer Funds		
After Sixth Year	\$15,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water Main Replacement		2. Category Water Fund		3. Priority: High
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 56		7. Project History (Previous CIP Year or connection to other projects): FY16: \$75K, FY17: \$75K		
8. Description Funding will be used to replace old water mains that have become problematic with breaks due to their age. Mains included are on Snows Court, Kirkland Street, Academy Street and Rogers Street		8. Description There have been several main breaks in these areas and the mains need replacement		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (No Interest)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$75,000	Other	Capital Reserve	Choose an item.
Program year FY 2019	\$75,000	Other	Capital Reserve	Choose an item.
Program year FY 2020	\$75,000	Other	Capital Reserve	Choose an item.
Program year FY 2021	\$75,000	Other	Capital Reserve	Choose an item.
Program year FY 2022	\$75,000	Other	Capital Reserve	Choose an item.
Program year FY 2023	\$75,000	Other	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$450,000			
After Sixth Year	\$75,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water Meter Replacement		2. Category Water Fund		3. Priority High
4. Location Throughout the City		5. Purpose of Project Request Equipment: Scheduled Replacement		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, Pages 56-57		7. Project History (Previous CIP Year or connection to other projects): FY15 \$75,000, FY16 \$100,000, FY17 \$175,000,		
8. Description This funding continues the process of replacing existing meters in the field that have met their life expectancy.		9. Justification & Useful Life Ensures water meters in system are not outdated and recording water usage correctly.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$175,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$175,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$175,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$175,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$175,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$175,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$1,050,000			
After Sixth Year	\$175,000	10B. Source of Cost Estimate:		



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water Treatment Plant and Well Equipment		2. Category Water Fund		3. Priority High
4. Location Various		5. . Purpose of Project Request Equipment: Scheduled Replacement		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Pages 65-66		7. Project History (Previous CIP Year or connection to other projects): FY14— FY17 \$75,000		
8. Description Equipment replacement will follow recommendations of the water facilities plan.		9. Justification & Useful Life These stations must continue to be in top operating condition in order to prevent violations of the City's NPDES permit.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2019	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2020	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2021	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2022	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2023	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$450,000			
After Sixth Year	\$75,000	10B. Source of Cost Estimate:		

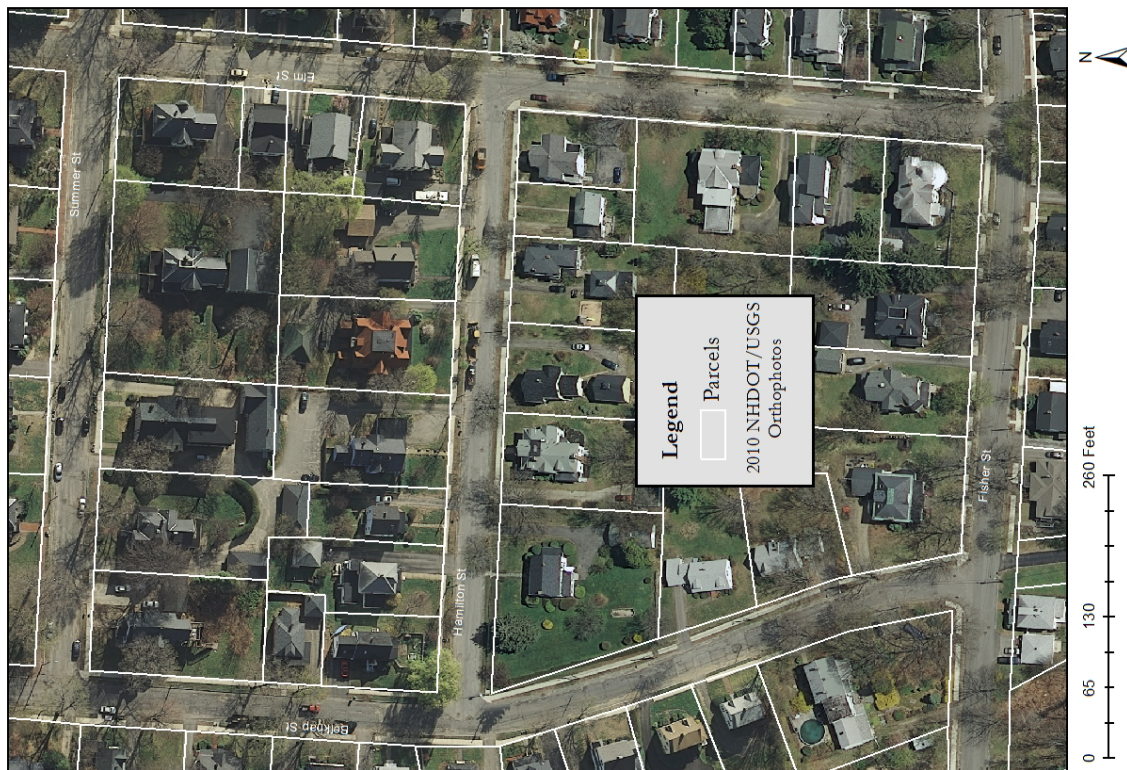
Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Wellhead Protection		2. Category Water Fund		3. Priority High
4. Location Various		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page Community Facilities, Community Services, Page 57		7. Project History (Previous CIP Year or connection to other projects): Work with Open Lands Committee to do joint purchases and possible extra State Grand Funds. FY12—FY17 \$100,000 each year		
8. Description Purchase property around wellheads throughout the distribution system.		9. Justification & Useful Life The protection of new and existing wells by purchasing land around wellheads.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$100,000	Land Acquisition	Capital Reserve	Choose an item.
Program year FY 2019	\$100,000	Land Acquisition	Capital Reserve	Choose an item.
Program year FY 2020	\$100,000	Land Acquisition	Capital Reserve	Choose an item.
Program year FY 2021	\$100,000	Land Acquisition	Capital Reserve	Choose an item.
Program year FY 2022	\$100,000	Land Acquisition	Capital Reserve	Choose an item.
Program year FY 2023	\$100,000	Land Acquisition	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$600,000			
After Sixth Year	\$100,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Water System Facilities Upgrades		2. Category Water Fund		3. Priority High
4. Location Facilities throughout water system		5. Purpose of Project Request Modify a project in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 56		7. Project History (Previous CIP Year or connection to other projects): Project has been identified in recent water facilities master plan. FY13: \$200,00 FY15: 1.5M FY16: 1.5M		
8. Description Project will continue with the reconstruction of the city's well-heads and water treatment facilities. Phase III of this project includes refurbishing the Hughes Well Facility, connecting the Hughes Well to French Cross WTP, chemical treatment facility for DPH-1 and Ireland Well and the replacement of the Bella-my Recharge Facility.		9. Justification & Useful Life Several safety concerns have been identified in the master plan and immediate design is required to rectify these issues. Phase II of the upgrades includes improvements to the Lowell Avenue Water Treatment Facility. Phase III includes the development of the Wil-land Pond Well and connection to the water distribution system.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$8,000,000	Improvements to Buildings	Debt Financing	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$8,000,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

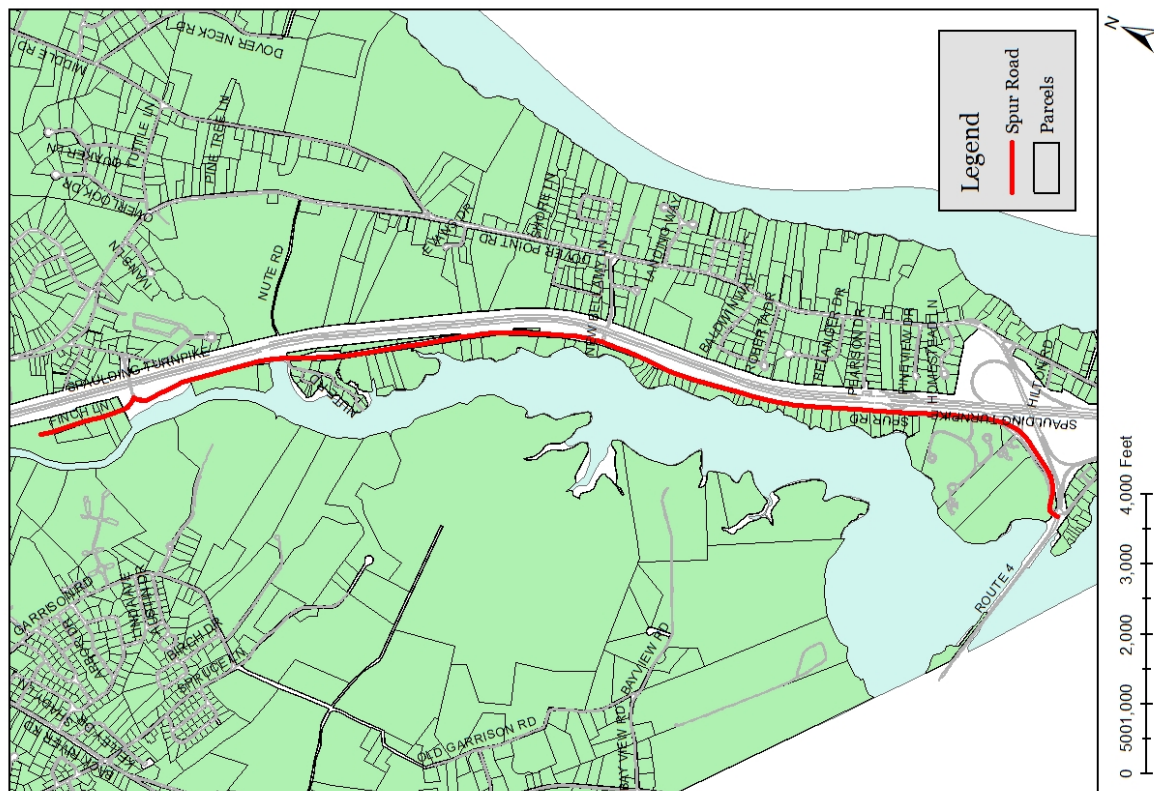
Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title Oak/Broadway Area Water Main Replacement		2. Category Water Fund		3. Priority High
4. Location Ela, Rose, Park, Coolidge, Florence & Pearl Street		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 57		7. Project History (Previous CIP Year or connection to other projects): FY15 - \$250k Design Roadway/Drainage FY15: \$12kK design FY15 - \$75k Design Sewer FY18 - \$2,500,000 Construction		
8. Description This project replaces water mains in the Ela area in conjunction with overall infrastructure improvements in this part of the city.		9. Justification & Useful Life Ongoing work in the Broadway area to upgrade utilities, road and sidewalks.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$1,250,000	Construction Engineering	Debt Financing	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$1,250,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



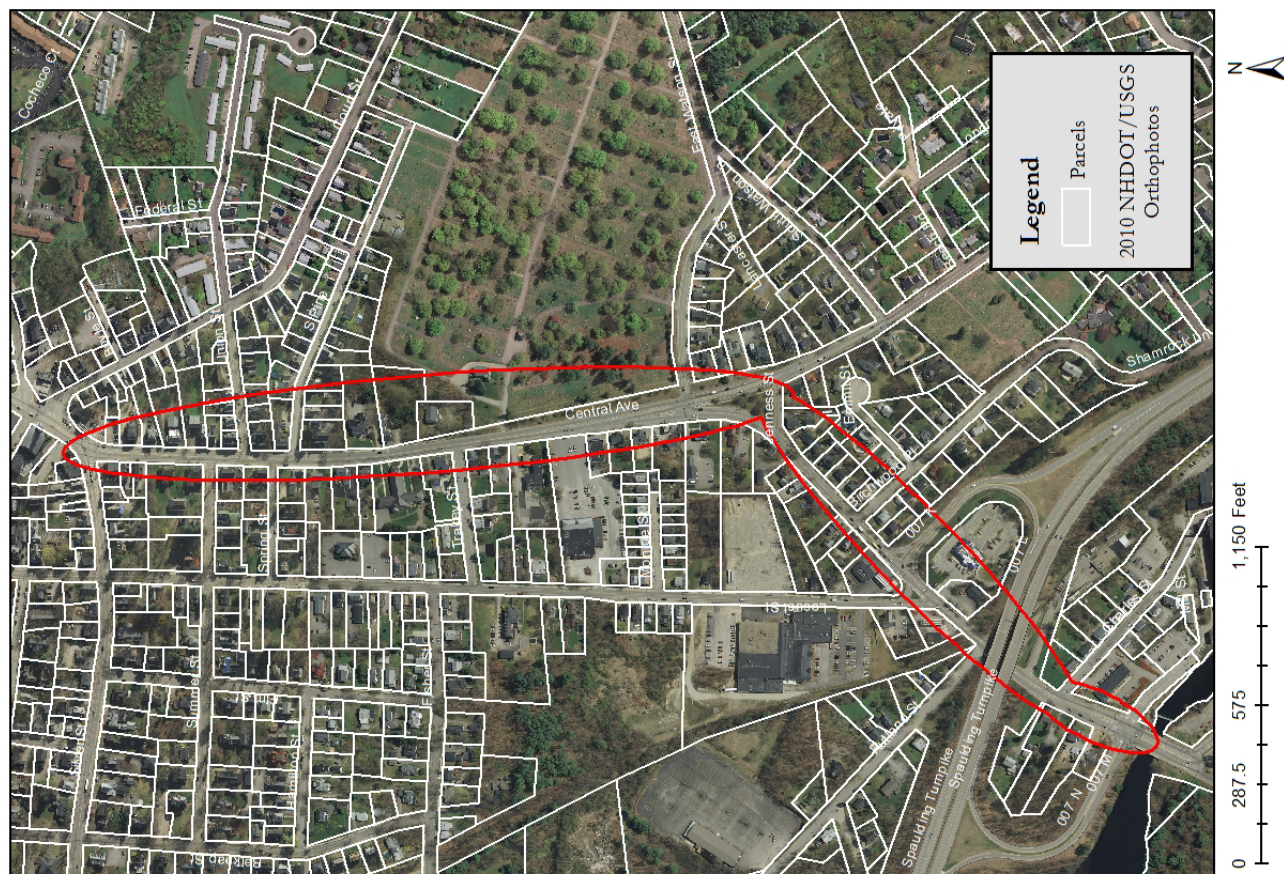
Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title Elm St., Summer St., Hamilton St. & Belknap St. Water Main Replacement		2. Category Water Fund	3. Priority High
4. Location Elm Street, Summer Street, Hamilton Street & Belknap Street		5. Purpose: Add a new project to the CIP	
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 57		7. Project History (Previous CIP Year or connection to other projects): PW-reconstruction of Elm St., Summer St., Hamilton St., Belknap St.	
8. Description This project will design the replacement of an existing four and six inch cast iron pipe to eight inch ductile iron.		9. Justification & Useful Life (If Road reconstruction PCI Code) Existing pipe was installed in the late 1800's and should be replaced before road reconstruction.	
10. Cost (Years 2 – 6 use an inflationary factor of 4%)		10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL
			SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.
Program year FY 2019	\$100,000	Design Engineering	Debt Financing
Program year FY 2020	\$0	Choose an item.	Choose an item.
Program year FY 2021	\$725,000	Other	Debt Financing
Program year FY 2022	\$0	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$825,000		
After Sixth Year		10B. Source of Cost Estimate: Staff	



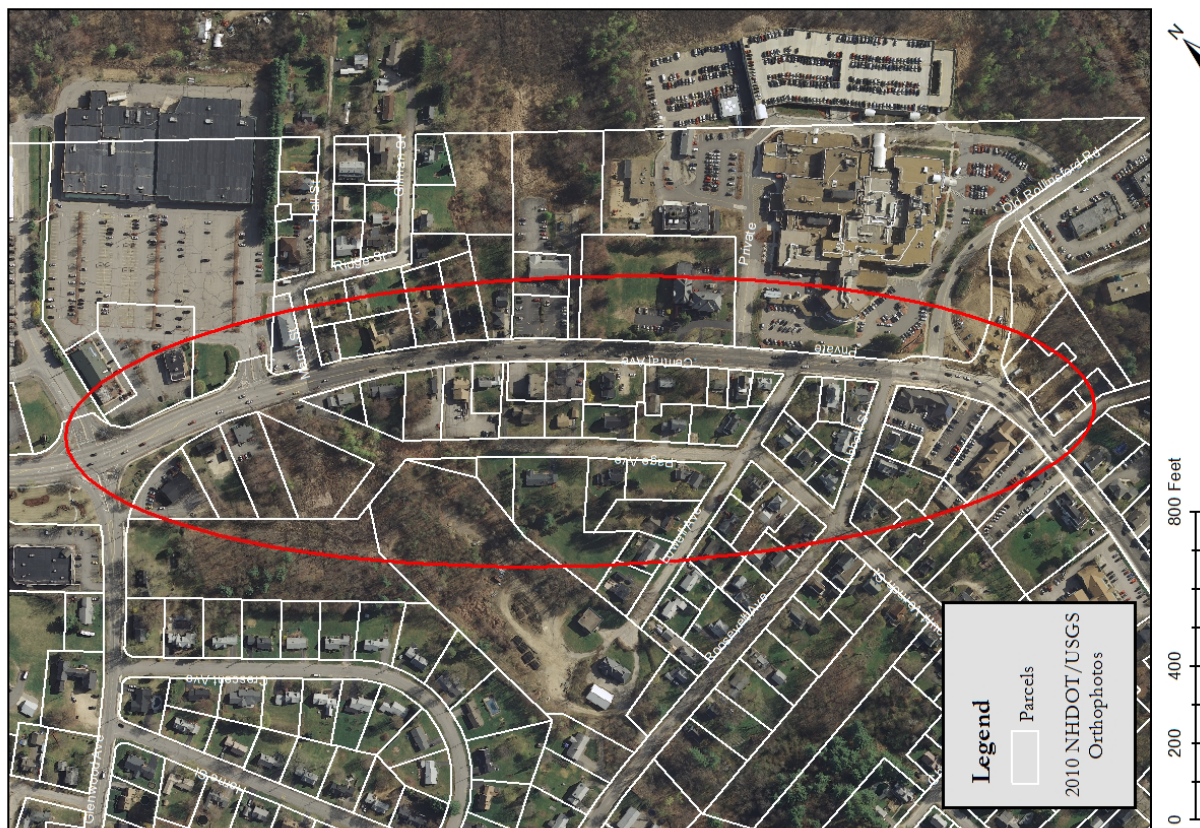
Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director		Date Phone Number		08/15/2016 603-516-6450	
1. Project Title: Water – Spur Road water replacement/expansion				2. Category Water Fund		3. Priority High	
4. Location Spur Road and Nute Road				5. Purpose of Project Request Modify a project in the CIP			
6. Master Plan Chapter, Section and page # Community Facilities				7. Project History (Previous CIP Year or connection to other projects): FY2020 500K Road reconstruction			
8. Description Project will include the replacement of the water main from Spur Road to Gerrish Road under the Spaulding Turnpike and a new main on Spur Road from New Bellamy to Nute Road.				9. Justification & Useful Life This project will create a loop in the Dover Point Area which will help protect water quality as well as creating an additional route for water to Dover Point in the event of a water break on Dover Point Road.			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)						10A. Recommended Sources of Financing	
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL	
						SECONDARY	
Program year FY 2018		\$0		Choose an item.		Choose an item.	
Program year FY 2019		\$100,000		Design Engineering		Debt Financing	
Program year FY 2020		\$0		Choose an item.		Choose an item.	
Program year FY 2021		\$0		Choose an item.		Choose an item.	
Program year FY 2022		\$0		Choose an item.		Choose an item.	
Program year FY 2023		\$0		Choose an item.		Choose an item.	
TOTAL SIX YEARS		\$100,000					
After Sixth Year				10B. Source of Cost Estimate: Staff			



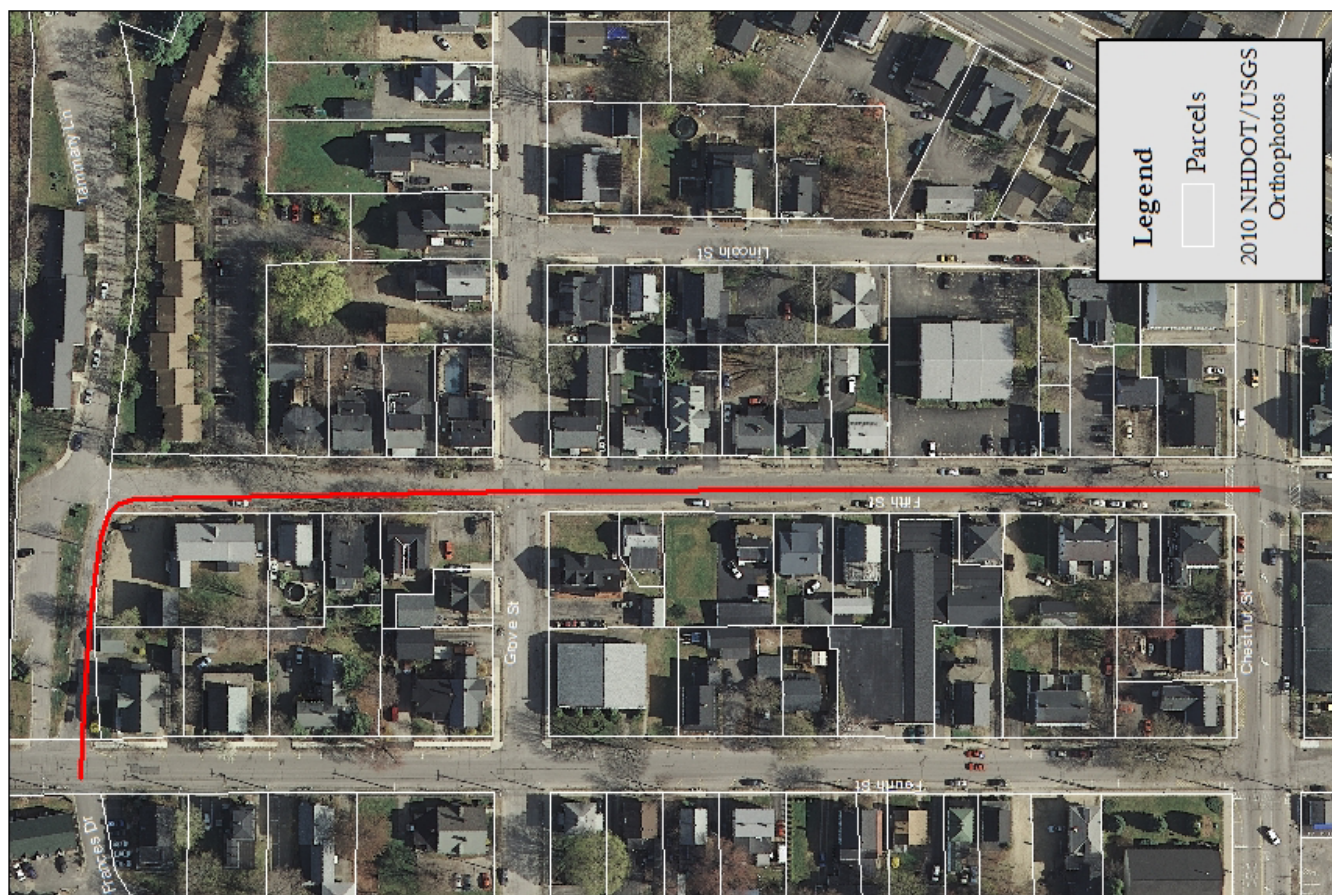
Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title Central Avenue Water Main Replacement-South		2. Category Water Fund		3. Priority Medium
4. Location Central Avenue from Silver Street to Mill Street		5. Purpose of Project Request Add a new project to the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 57		7. Project History (Previous CIP Year or connection to other projects): Central Avenue water replacement FY21		
8. Description Project will replace existing eight inch cast iron main with a twelve inch ductile iron pipe.		9. Justification & Useful Life (If Road reconstruction PCI Code) The existing eight inch main was installed in 1888 and needs replacement		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$100,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$150,000	Other	Debt Financing	Choose an item.
TOTAL SIX YEARS	\$250,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



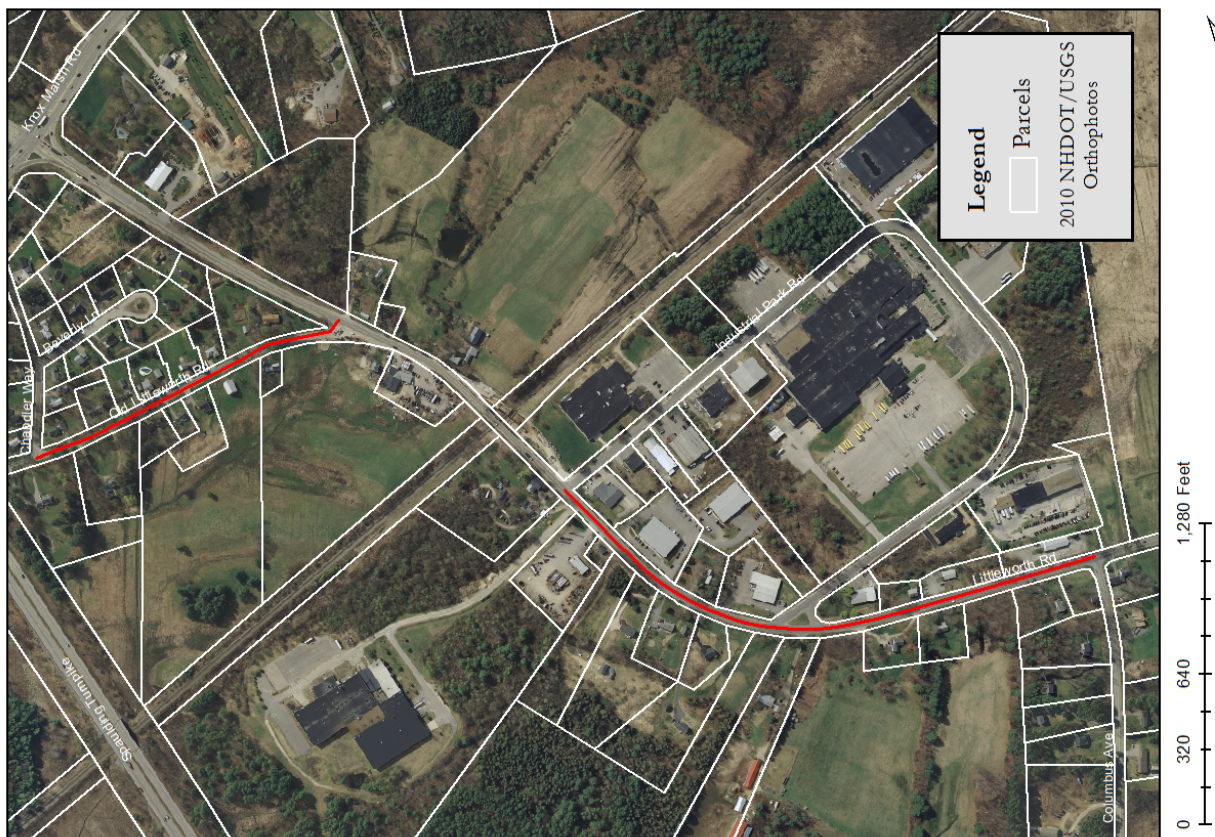
Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director		Date Phone Number		08/15/2016 603-516-6450	
1. Project Title Central Avenue Water Main Replacement- North				2. Category Water Fund		3. Priority: Medium	
4. Location Central Avenue, Glenwood Avenue to Abby Sawyer Memorial Drive.				5. Purpose of Project Request Add a new project to the CIP			
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 57				7. Project History (Previous CIP Year or connection to other projects):			
8. Description This project will design the replacement of a six inch cast iron main to a sixteen inch ductile iron main from Glenwood Avenue to Abby Sawyer Memorial Drive.				9. Justification & Useful Life (If Road reconstruction PCI Code) This will improve fire flows and upgrades the pipe in the Wentworth Douglas Hospital area. This also provides additional flow to the North End Booster Station.			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL	
						SECONDARY	
Program year FY 2018		\$0		Choose an item.		Choose an item.	
Program year FY 2019		\$0		Choose an item.		Choose an item.	
Program year FY 2020		\$0		Choose an item.		Choose an item.	
Program year FY 2021		\$75,000		Design Engineering		Debt Financing	
Program year FY 2022		\$0		Choose an item.		Choose an item.	
Program year FY 2023		\$175,000		Other		Debt Financing	
TOTAL SIX YEARS		\$250,000					
After Sixth Year				10B. Source of Cost Estimate: Staff			



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title Fifth Street Water Main Replacement- North		2. Category Water Fund		3. Priority Medium
4. Location Fifth Street – Between Chestnut and Fourth Street .		5. Purpose of Project Request Add a new project to the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 57		7. Project History (Previous CIP Year or connection to other projects):		
8. Description This project will be completed in conjunction with the roadway reconstruction and will replace water services and upgrade the main, where required.		9. Justification & Useful Life (If Road reconstruction PCI Code) The Fifth Street area has long been an area of concern with older infrastructure in this urban residential area.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$125,000	Other	Reserve Financing	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$125,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director		Date Phone Number		08/15/2016 603-516-6450	
1. Project Title Old Littleworth and Littleworth Road water upgrade				2. Category Water Fund		3. Priority: Medium	
4. Location Old Littleworth Road and Littleworth Road.				5. Purpose of Project Request Modify a project already in the CIP			
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 57				7. Project History (Previous CIP Year or connection to other projects): Silver Street Tunnel			
8. Description Project will design a twelve inch water main from Columbus Avenue to the Route 9 railroad bridge and from Old Littleworth Road to the Spaulding Turnpike.				9. Justification & Useful Life (If Road reconstruction PCI Code) This will create versatility in water flows for wells in this section of the city in the event of a water break			
10. Cost (Years 2 – 6 use an inflationary factor of 4%)				10A. Recommended Sources of Financing			
BUDGET FY		TOTAL (Interest cost not included)		COST ELEMENT		PRINCIPAL	
						SECONDARY	
Program year FY 2018		\$0		Choose an item.		Choose an item.	
Program year FY 2019		\$0		Choose an item.		Choose an item.	
Program year FY 2020		\$0		Choose an item.		Choose an item.	
Program year FY 2021		\$100,000		Design Engineering		Debt Financing	
Program year FY 2022		\$0		Choose an item.		Choose an item.	
Program year FY 2023		\$150,000		Other		Debt Financing	
TOTAL SIX YEARS		\$250,000					
After Sixth Year				10B. Source of Cost Estimate: Staff			



Sewer Fund Projects

**Transfer to Capital Reserve
Inflow/Infiltration Study/Mitigation
Pump Station Equipment Replace-Maint.
Sewer Heavy Equipment Replacement
Sewer Light Vehicle Replacement*
Sewer Main Replacements - City Wide
Sewer Main Replacement - Oak/Broadway Area*
Sewer Main Replacement - Floral Ave/High Ridge*
Pump Station Upgrade - Piscataqua
Pump Station Upgrade - River Street
Sewer Jet Truck Replacement
Sewer Inspection Camera**

Proposed FY18 Expenditures

Fund	Amount
Operating Budget	\$590,000
Reserve Financed	\$490,000
Debt Financed	\$750,000
Grant Financed	\$0
Total	\$1,830,000

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Transfer to Capital Reserve		2. Category Sewer Fund		3. Priority High
4. Location City wide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 66		7. Project History (Previous CIP Year or connection to other projects): FY14—FY17 \$500,000		
8. Description Transfer of funds from the operating budget into reserve account for payment of future projects and equipment.		9. Justification & Useful Life To ensure adequate funding is available for facility and infrastructure upgrades without having large increases in sewer rates.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2019	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2020	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2021	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2022	\$500,000	Other	Operating Budget	Choose an item.
Program year FY 2023	\$500,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$3,000,000			
After Sixth Year	\$500,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Inflow/Infiltration Study/Mitigation		2. Category Sewer Fund		3. Priority High
4. Location: Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Pages 65-66		7. Project History (Previous CIP Year or connection to other projects): I & I affects the sewer distribution systems capacity for expansion, causes excessive wear on pump stations and wastes significant electrical power. FY14 -FY17: \$300,000		
8. Description: During periods of heavy rainfall and snow melt, clean water enters the sewer distribution system and occasionally causes surcharging of the system resulting in the bypass of untreated sewerage to the Bellamy and Cochecho Rivers. This storm water is known as Inflow and Infiltration and must be reduced. It enters the systems through leaking manholes, pipes, roof leaders, basement drains and catch basins discharging to the sewer system.		9. Justification & Useful Life The City is under order from the USEPA and NHDES to take steps reducing I & I in the sewer distribution center. Improvements have been implemented and are showing positive benefits.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$300,000	Other	Capital Reserve	Choose an item.
Program year FY 2019	\$300,000	Other	Capital Reserve	Choose an item.
Program year FY 2020	\$300,000	Other	Capital Reserve	Choose an item.
Program year FY 2021	\$300,000	Other	Capital Reserve	Choose an item.
Program year FY 2022	\$300,000	Other	Capital Reserve	Choose an item.
Program year FY 2023	\$300,000	Other	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$1,800,000			
After Sixth Year	\$300,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Pump Station Equipment Replacement Maintenance		1. Project Title Pump Station Equipment Replacement Maintenance		3. Priority High
4. Location: Various		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Pages 65-66		7. Project History (Previous CIP Year or connection to other projects): FY15: - FY17: \$75K		
8. Description The City has several sewer pumping stations that are in need of equipment upgrades and replacement.		8. Description The City has several sewer pumping stations that are in need of equipment upgrades and replacement.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2019	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2020	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2021	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2022	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2023	\$75,000	Machinery and Equipment	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$450,000			
After Sixth Year	\$75,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Sewer Heavy Equipment Replacement		2. Category Sewer Fund		3. Priority: High
4. Location Smith Well Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 56		7. Project History (Previous CIP Year or connection to other projects): FY15—Y17: \$40K		
8. Description This fund is used to replace larger equipment within the Water and Sewer departments. Similar to the Police Vehicle Replacement program, some year's have no equipment purchase, as the funds are allocated to larger purchases the following year. The funds will be used to replace a 2001 Ford F450 utility truck		9. Justification and Useful Life Utility truck is used to haul all tools and equipment to job sites involving water main breaks and water/sewer utility installations		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (No Interest)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2019	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2020	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2021	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2022	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2023	\$40,000	Heavy Equipment	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$240,000	Note: Price split between Water and Sewer Funds		
After Sixth Year	\$40,000	10B. Source of Cost Estimate:		

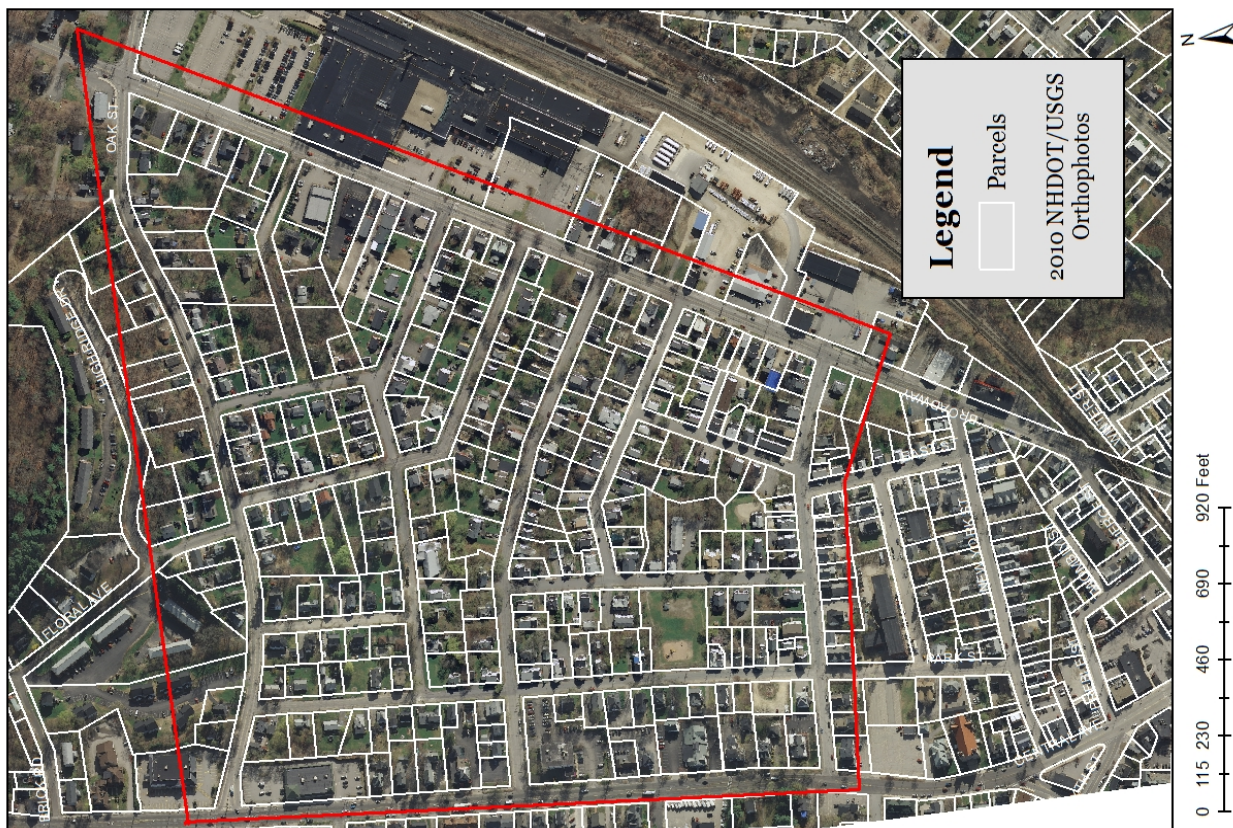
2001 Ford Utility Truck to be replaced



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Sewer Light Equipment Replacement		2. Category Sewer Fund		3. Priority: High
4. Location Citywide		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 56		7. Project History (Previous CIP Year or connection to other projects): FY15: - FY2017 - \$12,500		
8. Description Replacement of light vehicles, such as vans and pickup trucks.		9. Justification and Useful Life These vehicles transport utilities staff as well as parts and supplies to job sites.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (No Interest)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2019	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2020	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2021	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2022	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2023	\$15,000	Auto/Light Truck	Operating Budget	Choose an item.
TOTAL SIX YEARS	\$90,000	Note: Price split between Water and Sewer Funds		
After Sixth Year	\$15,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Sewer Replacements		2. Category Sewer Fund		3. Priority High
4. Location Various sites throughout the City		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, Page 66		7. Project History (Previous CIP Year or connection to other projects): FY15 - FY17 - \$150k		
8. Description There are section of sewer mains throughout the City that are in need of replacement due to cracks, collapse and blockages. Some of the first areas to be addressed are Atkinson Street, Hanson Street, Richmond Street, Grove Street and Central Avenue.		9. Justification & Useful Life Problem sewer areas.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2019	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2020	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2021	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2022	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2023	\$150,000	Other	Capital Reserve	Choose an item.
TOTAL SIX YEARS	\$900,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Department Contact Person, Title		Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450
1. Project Title: Sewer Main Replacement – Oak/Ham/Ela Area		2. Category Sewer Fund		3. Priority High
4. Location Ela Area		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, Page 66		7. Project History (Previous CIP Year or connection to other projects): FY15 - \$250k Street Design FY15: 75K design FY15 - \$125k Water design		
8. Description Replaces sewer mains on Oak Street, Broadway, Florence Street & Rose Street.		9. Justification & Useful Life These sewer mains have been problematic and need to be replaced during the infrastructure improvements to this area.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$750,000	Other	Debt Financing	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$750,000			
After Sixth Year		10B. Source of Cost Estimate:		



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Sewer Main Replacement – Floral Avenue/High Ridge		2. Category Sewer Fund	3. Priority High	
4. Location Floral Avenue		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, page 66		7. Project History (Previous CIP Year or connection to other projects): FY2016 – \$50k Street Design		
8. Description This project will design a new sewer main in conjunction with street design for future reconstruction.		9. Justification & Useful Life		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$750,000	Other	Debt Financing	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$750,000			
After Sixth Year		10B. Source of Cost Estimate:		

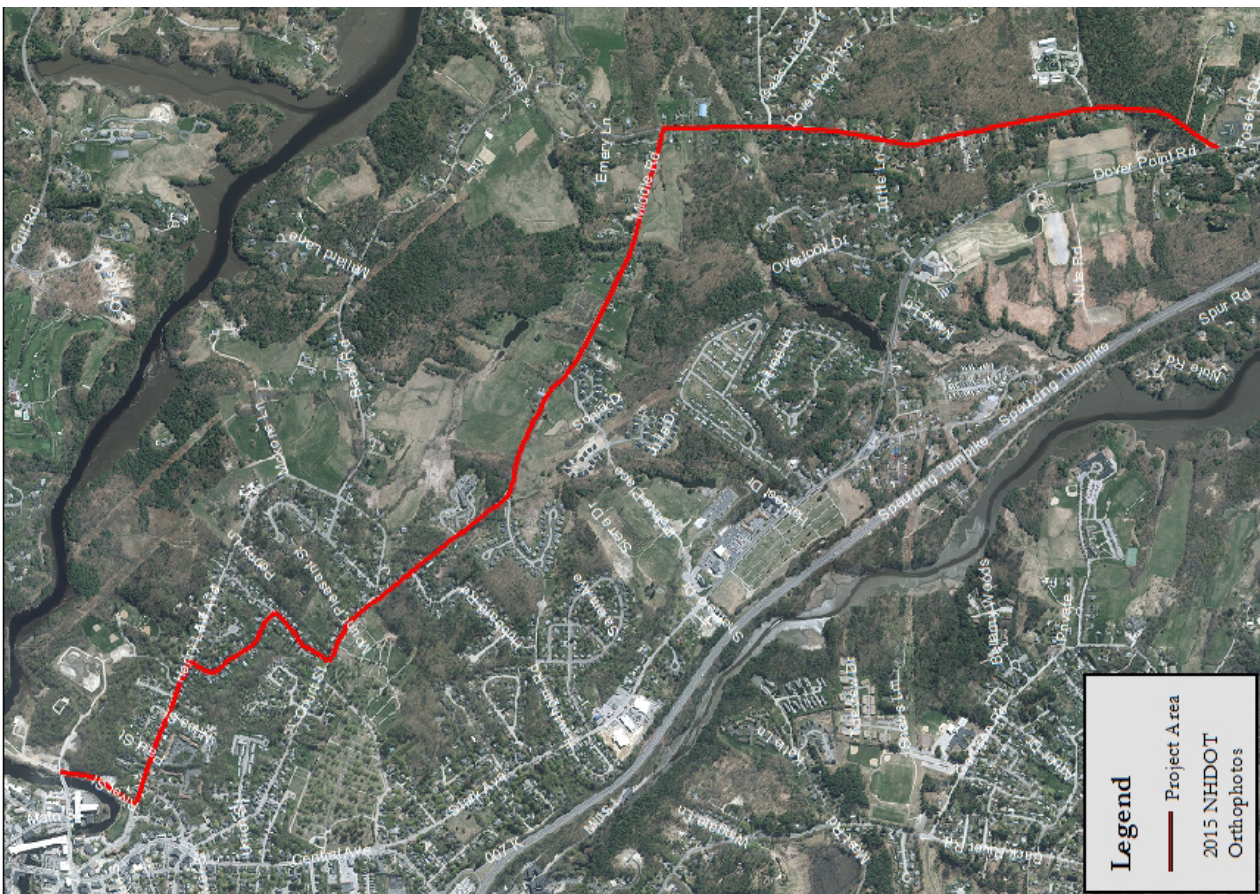


Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Pump Station Upgrade—Piscataqua		2. Category Sewer Fund		3. Priority High
4. Location Wentworth Terrace		5. Purpose of Project Request Modify a project already in the CIP New Project		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 66		7. Project History (Previous CIP Year or connection to other projects):		
8. Description This project will design and upgrade the Piscataqua Pump Station which was building in 1977.		9. Justification & Useful Life Facility is in need of an upgrade due to the unavailability of equipment parts for repairs as well as new technologies have become more energy efficient.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$150,000	Design Engineering	Capital Reserve	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$150,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title: Pump Station Upgrade—River Street force main		2. Category Sewer Fund	3. Priority Medium	
4. Location Intersection of River and Washington Streets to WWTP		5. Purpose of Project Request Add a project to the CIP New Project		
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 66		7. Project History (Previous CIP Year or connection to other projects):		
8. Description The force main went on line in June 1991 along with the River Street Pump Station and the WWTF. It is necessary to evaluate the condition of the force main to ensure continuous operation of the city's waste water infrastructure.		9. Justification & Useful Life Inspection and possible repair will prevent disruption of waste water services.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$150,000	Other	Capital Reserve	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$150,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Route of the River Street Force Main



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title Jet Truck Replacement		2. Category Sewer Fund		3. Priority Medium
4. Location Mast Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities		7. Project History (Previous CIP Year or connection to other projects):		
8. Description Replacement of 2001 Vactor Jet truck. Replacement cost is \$375,000 split between two funding sources.		9. Justification & Useful Life (If Road reconstruction PCI Code) Jet truck will be 19 years old at time of replacement. Truck is used by stormwater and sewer divisions.		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$281,250	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2021	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$281,250			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Jet Truck to be replaced



Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	08/15/2016 603-516-6450	
1. Project Title Sewer inspection camera		2. Category Sewer Fund		3. Priority Medium
4. Location Mast Road		5. Purpose of Project Request Modify a project already in the CIP		
6. Master Plan Chapter, Section and page # Community Facilities		7. Project History (Previous CIP Year or connection to other projects):		
8. Description Replacement of a 2001 sewer inspection camera.		9. Justification & Useful Life (If Road reconstruction PCI Code) This piece of equipment is used for annual sewer line inspections as well as for trouble-shooting sewer and drain line problems		
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2018	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2021	\$50,000	Machinery and Equipment	Operating Budget	Choose an item.
Program year FY 2022	\$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2023	\$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	\$50,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Current Inspection Camera to be replaced



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Capital Improvements Program - FY2018-2023

Credit Agency Ratio Comparisons

Moody's

Municipal Financial Ratio Analysis - Population < 50,000

	National Medians		NH Cities Medians		
	Aaa	Aa	Aa2		Dover: Aa3
Total General Fund Revenues (000)	\$ 34,435	\$ 17,256	\$ 110,711		\$ 97,518
General Fund Balance as % of Revenues	42.69%	37.79%	24.50%		19.00%
Unassigned General Fund Balance as a % of Revenues	41.44%	33.72%	16.94%		18.50%
Direct Net Debt as % of Full Value	0.63%	0.98%	2.51%		2.60%
Debt Burden (Overall Net Debt as % of Full Value)	1.88%	2.25%	2.77%		2.80%
Total Full Value (000)	\$ 5,129,633	\$ 1,755,327	\$ 4,730,951		\$ 2,967,796
Full Value per Capita (Dover - 2011 Population Estimate)	\$ 227,212	\$ 109,101	\$ 106,514		\$ 96,332
Population 2010 Census	22,284	16,614	29,987		29,987
Per Capita Income (2014 ACS)	\$ 51,180	\$ 28,528	\$ 31,832		\$ 32,315
Ten Largest Taxpayers as % of Assessed Value	7.41%	9.15%	9.29%		6.90%

Standard & Poor's

Standard & Poor's Rating Guidelines

	Low	Median	Above Avg	High	Dover: AA+
Unassigned General Fund Balance	<5.4-16.1	16.1-44.2	44.2-81.67%	>81.67	18.50
Net Debt Ratios:					
Median Overall Net Debt per Capita	<\$232-581	\$582-\$1,698	\$1,699-\$3,513	>\$3,513	\$ 2,649
Net Debt to Equalized Value	<.30-0.7	0.8-1.90	2.0-3.7	>3.7	2.60

Capital Improvements Program - FY2018-2023

Financial Impact Analysis

Debt Financed Summary:

	2018	2019	2020	2021	2022	2023	Total
City	1,482,000	2,704,490	2,400,000	4,075,000	1,500,000	625,000	12,786,490
School	-	520,500	-	-	500,000	-	1,020,500
Total GF	1,482,000	3,224,990	2,400,000	4,075,000	2,000,000	625,000	13,806,990
Special Revenue	0	0	0	0	2,400,000	0	2,400,000
TIF District Funds	800,000	0	0	3,112,500	1,000,000	1,000,000	5,912,500
Water	9,250,000	100,000	-	1,000,000	-	475,000	10,825,000
Sewer	750,000	750,000	-	-	-	-	1,500,000
Other	-	-	-	-	-	-	-
Grand Total	12,282,000	4,074,990	2,400,000	8,187,500	5,400,000	2,100,000	34,444,490

Projection Information:

	Fiscal Year	Estimated Population	Est Income Per Capita	General Fund Budget	Tax Levy	Est. Value Change %	Net Assessed Value (000)	Est Debt Equal Val (000)	Tax Rate	Dover % County Debt
Budget Incr	2009	29,417	29,628	79,955,478	57,653,992	Actual	2,763,581.55	3,040,617.44	21.10	26.6671%
4.33%	2010	29,987	30,057	83,591,402	59,532,777	Actual	2,583,780.15	2,768,903.10	23.33	26.7775%
Hist 5 yr incr	2011	30,165	30,486	84,710,539	61,128,702	Actual	2,606,535.05	2,774,177.81	23.75	26.3078%
	2012	30,343	30,915	86,919,123	64,350,115	Actual	2,592,606.60	2,714,253.99	25.12	27.2531%
	2013	30,521	31,344	88,775,252	65,888,587	Actual	2,612,004.20	2,743,418.58	25.52	27.3521%
	2014	30,699	31,773	91,024,559	68,038,313	Actual	2,649,300.45	2,847,426.77	25.97	27.5840%
	2015	30,877	32,202	94,918,774	70,739,899	Actual	2,746,031.82	2,964,737.90	26.01	27.8505%
	2016	31,055	32,631	100,174,148	73,165,672	Actual	2,778,677.78	3,101,733.73	26.61	28.2676%
	2017	31,233	33,060	107,804,587	76,352,304	Pending	2,818,677.78	3,132,751.10	27.40	28.7000%
	2018	31,411	33,489	112,472,526		1.00%	2,846,864.60	3,164,078.60		
	2019	31,589	33,918	117,342,586		1.00%	2,875,333.20	3,195,719.40		
	2020	31,767	34,347	122,423,520		1.00%	2,904,086.50	3,227,676.60		
	2021	31,945	34,776	127,724,458		1.00%	2,933,127.40	3,259,953.40		
	2022	32,123	35,205	133,254,927		1.00%	2,962,458.70	3,292,552.90		
	2023	32,301	35,634	139,024,865		1.00%	2,992,083.30	3,325,478.40		
	2024	32,479	36,063	145,044,642		1.00%	3,022,004.10	3,358,733.20		

General Fund - Debt Financed			Principal	13,806,990	Interest	6,751,678	Total	20,558,668		
FY	Existing Debt Serv	Less Reim	Net Existing Debt Serv	Proposed Debt Serv	Less Reimb	Net Debt Serv	Bal @ FY End	Less Reim Bal	Net Bal @ FY End	
2017	12,199,949	(662,125)	11,537,824	335,337	-	11,873,160	138,052,310	(5,422,031)	132,630,279	
2018	11,381,849	(635,425)	10,746,424	1,677,881	(1,608,360)	10,815,945	143,164,840	(4,759,907)	138,404,933	
2019	10,926,185	(592,016)	10,334,169	2,602,467	(159,360)	12,777,276	138,493,510	(4,124,482)	134,369,029	
2020	10,737,559	(539,990)	10,197,569	2,812,304	(159,360)	12,850,512	135,413,818	(3,532,466)	131,881,352	
2021	10,334,827	(402,614)	9,932,214	3,090,688	(159,360)	12,863,542	129,348,250	(2,992,476)	126,355,774	
2022	9,712,904	(402,014)	9,310,890	3,166,286	(159,360)	12,317,816	122,216,856	(2,589,862)	119,626,994	
2023	9,264,878	(402,014)	8,862,864	3,135,728	(159,360)	11,839,232	114,594,749	(2,187,849)	112,406,900	
2024	9,159,770	(365,036)	8,794,735	3,050,171	(159,360)	11,685,546	106,797,422	(1,785,835)	105,011,587	
2025	8,078,439	(365,036)	7,713,403	2,964,612	(159,360)	10,518,655	99,794,065	(1,420,799)	98,373,266	
FY	School Total DS	Less Reimb	Net School Debt Serv	School DS Tax Rate	Tax Rate Change	City Total DS	Less Reim	Net City Debt Serv	City DS Tax Rate	Tax Rate Change
2017	6,589,819	(662,125)	5,927,694	2.10		5,945,466	-	5,945,466	2.11	
2018	6,154,923	(2,084,425)	4,070,499	1.43	(0.67)	6,904,806	(159,360)	6,745,446	2.37	0.26
2019	6,560,610	(592,016)	5,968,594	2.08	0.65	6,968,042	(159,360)	6,808,682	2.37	-
2020	6,537,860	(539,990)	5,997,871	2.07	(0.01)	7,012,002	(159,360)	6,852,642	2.36	(0.01)
2021	6,494,109	(402,614)	6,091,495	2.08	0.01	6,931,406	(159,360)	6,772,046	2.31	(0.05)
2022	6,520,258	(402,014)	6,118,244	2.07	(0.01)	6,358,932	(159,360)	6,199,572	2.09	(0.22)
2023	6,456,908	(402,014)	6,054,894	2.02	(0.05)	5,943,698	(159,360)	5,784,338	1.93	(0.16)
2024	6,403,663	(365,036)	6,038,627	2.00	(0.02)	5,806,278	(159,360)	5,646,918	1.87	(0.06)
2025	6,332,665	(365,036)	5,967,629	1.97	(0.03)	4,710,386	(159,360)	4,551,026	1.51	(0.36)

General Fund Cont.

FY	Tax Rate Debt Serv	Tax Rate CIP DS	DS % Curr Budget	DS % Est. Budget	w/o Tolend Curr Budget	w/o Tolend Est. Budget	Overall Net Debt per Cap	Debt per Cap/ Per Cap Inc	Net Debt/ Equ Value
2017	4.21	0.12	11.01%	11.01%	10.38%	10.38%	4,246	12.84%	4.23%
2018	3.80	0.02	10.03%	9.62%	9.41%	9.02%	4,406	13.16%	4.37%
2019	4.44	0.85	11.85%	10.89%	11.24%	10.33%	4,254	12.54%	4.20%
2020	4.42	0.91	11.92%	10.50%	11.33%	9.98%	4,152	12.09%	4.09%
2021	4.39	1.00	11.93%	10.07%	11.36%	9.59%	3,955	11.37%	3.88%
2022	4.16	1.02	11.43%	9.24%	10.86%	8.79%	3,724	10.58%	3.63%
2023	3.96	0.99	10.98%	8.52%	10.43%	8.09%	3,480	9.77%	3.38%
2024	3.87	0.96	10.84%	8.06%	10.30%	7.66%	3,233	8.97%	3.13%
2025	3.48	0.93	9.76%	7.25%	9.23%	6.86%	3,029	8.40%	2.93%

Capital Improvements Program - FY2018-2023

Financial Impact Analysis

Moody's Rating Guidelines	Water	Sewer
Median Ratios:		
Operating ratio	63.00%	67.50%
Net Debt Service Coverage	2.30	1.70
Net Debt Service Safety Margin	19.90%	25.80%
Net Debt/Asset Ratio	30.30%	53.50%

Statistical Information:			FY16 Preliminary Results		Est. Usage	Water	Sewer
	Water	Sewer			2015	947,574	844,781
Volume (HCF)	958,837	866,185			2016	934,160	835,870
FY17 Rate/HCF	4.84	8.02			2017	936,000	845,000
FY17 Budget	5,018,691	7,506,400	Gross Rev*	5,205,153 6,658,900	2018	938,000	847,000
FY17 Levy	4,795,901	6,326,947	O&M Exp**	2,594,680 3,538,399	2019	940,000	849,000
FY16 Work Cap	2,365,434	2,754,998	Net Rev	2,610,473 3,120,501	2020	942,000	850,000
FY16 Current %	2.80	2.29	Oper Ratio	49.85% 53.14%	2021	944,000	852,000
FY16 Cap Assets	29,887,407	36,580,912	*Excludes Trans from Cap Res, State Aid		2022	946,000	854,000
			**Excludes Depr, Interest, Cap Res		2023	948,000	856,000
					2024	950,000	858,000

Water Fund - Debt Financed		Principal		10,825,000	Interest		5,656,071	Total		16,481,071
FY	Existing Debt Serv	Proposed Debt Serv	Total Debt Serv	Bal @ FY End	User Fee Debt Service	User Fee CIP DS	DS % Curr Budget	DS % Est. Budget		
2017	1,385,895	458,688	1,844,583	28,180,617	1.97	0.49	36.75%	36.75%		
2018	1,354,634	1,966,750	3,321,384	28,445,422	3.54	2.10	66.18%	64.38%		
2019	1,217,875	2,370,186	3,588,061	36,761,754	3.82	2.52	71.49%	67.67%		
2020	1,159,450	3,106,993	4,266,443	35,188,757	4.53	3.30	85.01%	78.27%		
2021	1,048,638	3,102,099	4,150,737	32,646,291	4.40	3.29	82.71%	74.09%		
2022	925,408	3,032,362	3,957,770	30,674,904	4.18	3.21	78.86%	68.72%		
2023	861,211	2,986,374	3,847,585	28,238,281	4.06	3.15	76.67%	65.00%		
2024	833,226	2,904,227	3,737,453	25,799,593	3.93	3.06	74.47%	61.42%		
2025	739,216	2,822,080	3,561,296	23,425,014	3.75	2.97	70.96%	56.94%		

Water Fund Cont.			
FY	Debt Sev Coverage	Debt Sev Safety Mgn	Debt/Asset Ratio
2017	1.45	15.68%	87.37%
2018	0.83	-10.24%	68.54%
2019	0.79	-13.32%	88.36%
2020	0.68	-23.27%	84.58%
2021	0.72	-19.34%	76.63%
2022	0.78	-14.31%	71.21%
2023	0.82	-10.82%	65.55%
2024	0.87	-7.46%	59.89%
2025	0.94	-3.26%	54.38%

Capital Improvements Program - FY2018-2023
Financial Impact Analysis

Sewer Fund - Debt Financed			Principal	1,500,000	Interest	573,750	Total	2,073,750
FY	Existing Debt Serv	Proposed Debt Serv	Total Debt Serv	State Aid Debt Serv	Net Debt Serv	Bal @ FY End	Less Reim Bal	Net Bal @ FY End
2017	1,563,588	365,019	1,928,607	(18,373)	1,910,234	24,772,842	(113,619)	24,659,223
2018	1,495,508	1,576,163	3,071,671	(17,826)	3,053,845	23,542,833	(95,793)	23,447,040
2019	1,286,934	1,604,173	2,891,107	(14,218)	2,876,889	21,680,583	(81,575)	21,599,008
2020	1,222,924	1,563,059	2,785,983	(13,603)	2,772,380	19,847,261	(67,972)	19,779,289
2021	1,081,109	1,521,944	2,603,053	(13,166)	2,589,887	18,120,188	(54,806)	18,065,382
2022	948,760	1,480,830	2,429,590	(11,768)	2,417,822	16,494,157	(43,038)	16,451,119
2023	816,162	1,439,716	2,255,878	(11,368)	2,244,510	14,968,822	(31,670)	14,937,152
2024	792,582	1,398,601	2,191,183	(10,963)	2,180,220	13,437,352	(20,707)	13,416,645
2025	608,219	1,357,487	1,965,706	(10,559)	1,955,147	12,061,902	(10,148)	12,051,754
Sewer Fund Cont.								
FY	User Fee Debt Service	User Fee CIP DS	DS % Curr Budget	DS % Est. Budget	Debt Sev Coverage	Debt Sev Safety Mgn	Debt/Asset Ratio	
2017	2.26	0.43	25.45%	25.45%	1.70	19.34%	62.69%	
2018	3.61	1.86	40.68%	39.03%	1.11	6.03%	58.49%	
2019	3.39	1.89	38.33%	35.28%	1.23	11.45%	52.89%	
2020	3.26	1.84	36.93%	32.62%	1.33	15.45%	48.44%	
2021	3.04	1.79	34.50%	29.23%	1.48	20.62%	44.24%	
2022	2.83	1.73	32.21%	26.18%	1.65	25.43%	40.29%	
2023	2.62	1.68	29.90%	23.32%	1.86	30.09%	36.58%	
2024	2.54	1.63	29.04%	21.73%	1.99	32.94%	32.86%	
2025	2.28	1.58	26.05%	18.70%	2.32	38.09%	29.51%	

Capital Improvements Program - FY2018-2023

Financial Impact Analysis

General Fund - Operating Budget Financed						
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6
City	3,559,848	3,636,794	3,716,509	3,799,091	3,876,929	3,974,151
Less Prev Yr	(2,890,761)	(3,559,848)	(3,636,794)	(3,716,509)	(3,799,091)	(3,876,929)
Other Impacts	-	-	-	-	-	-
City Change	669,087	76,946	79,715	82,582	77,838	97,222
Rate Impact	0.24	0.03	0.03	0.03	0.03	0.03
School	505,000	505,000	455,000	505,000	330,000	380,000
Less Prev Yr	(255,000)	(505,000)	(505,000)	(455,000)	(505,000)	(330,000)
Other Impacts	-	-	-	-	-	-
Sch Change	250,000	-	(50,000)	50,000	(175,000)	50,000
Rate Impact	0.09	-	(0.02)	0.02	(0.06)	0.02
Total Gen Fnd	4,064,848	4,141,794	4,171,509	4,304,091	4,206,929	4,354,151
Less Prev Yr	(3,145,761)	(4,064,848)	(4,141,794)	(4,171,509)	(4,304,091)	(4,206,929)
Other Impacts	-	-	-	-	-	-
Total Change	919,087	76,946	29,715	132,582	(97,162)	147,222
Rate Impact	0.33	0.03	0.01	0.05	(0.03)	0.05
% of Budget	3.6%	3.5%	3.4%	3.4%	3.2%	3.1%

Water & Sewer Operating Budget Financed						
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6
Water Fund	765,000	765,000	765,000	765,000	765,000	765,000
Less Prev Yr	(693,613)	(765,000)	(765,000)	(765,000)	(765,000)	(765,000)
Other Impacts	-	-	-	-	-	-
Change by Yr	71,387	-	-	-	-	-
Fee Impact	0.08	-	-	-	-	-
Sewer Fund	590,000	590,000	590,000	640,000	590,000	590,000
Less Prev Yr	(592,363)	(590,000)	(590,000)	(590,000)	(640,000)	(590,000)
Other Impacts	-	-	-	-	-	-
Change by Yr	(2,363)	-	-	50,000	(50,000)	-
Fee Impact	-	-	-	0.06	(0.06)	-
Combined	1,355,000	1,355,000	1,355,000	1,405,000	1,355,000	1,355,000
Less Prev Yr	(1,285,976)	(1,355,000)	(1,355,000)	(1,355,000)	(1,405,000)	(1,355,000)
Other Impacts	-	-	-	-	-	-
Change by Yr	69,024	-	-	50,000	(50,000)	-
Fee Impact	0.08	-	-	0.06	(0.06)	-
Water % of Bgt	14.8%	14.4%	14.0%	13.7%	13.3%	12.9%
Sewer % of Bgt	7.5%	7.2%	6.9%	7.2%	6.4%	6.1%

GENERAL FUND - Budget History Sheet

Amounts reflect budget at time of tax rate setting.

	2008	2009	2010	2011	2012	2013	2014	2015	2016	Adopted 2017		
APPROPRIATIONS:											5 Yr Ann %	10 Yr Ann %
City	24,100,845	24,849,889	25,881,933	26,909,579	28,429,262	29,299,377	31,211,493	32,505,615	34,854,892	36,852,766	5.33%	4.68%
City Debt	5,132,330	5,347,514	6,045,608	5,973,187	5,828,662	5,701,702	5,871,476	6,226,490	6,607,660	6,275,861	1.49%	3.75%
Total City	29,233,175	30,197,403	31,927,541	32,882,766	34,257,924	35,001,079	37,082,969	38,732,105	41,462,552	43,128,627	4.71%	4.54%
School	37,912,706	39,216,997	40,699,081	40,468,900	41,638,606	42,264,590	42,263,590	44,236,755	46,687,263	49,542,420	3.54%	3.19%
School Debt	3,689,854	3,761,338	3,934,140	4,245,221	4,075,515	3,988,329	3,914,453	3,892,349	3,692,421	6,589,819	10.09%	8.94%
Total School	41,602,560	42,978,335	44,633,221	44,714,121	45,714,121	46,252,919	46,178,043	48,129,104	50,379,684	56,132,239	4.19%	3.71%
County	6,035,072	6,772,323	7,030,640	7,033,271	7,303,817	7,521,254	7,771,799	8,057,565	8,331,912	8,643,721	3.43%	4.16%
Total	76,870,807	79,948,061	83,591,402	84,630,158	87,275,862	88,775,252	91,032,811	94,918,774	100,174,148	107,904,587	4.33%	4.07%
Dollar Change											5 Yr Cum \$	10 Yr Cum \$
City	1,562,026	964,228	1,730,138	955,225	1,375,158	743,155	2,081,890	1,649,136	2,730,447	1,666,075	8,870,703	15,457,478
School	2,600,072	1,375,775	1,654,886	80,900	1,000,000	538,798	(74,876)	1,951,061	2,250,580	5,752,555	10,418,118	17,129,751
County	284,868	737,251	258,317	2,631	270,546	217,437	250,545	285,766	274,347	311,809	1,339,904	2,893,517
Total	4,446,966	3,077,254	3,643,341	1,038,756	2,645,704	1,499,390	2,257,559	3,885,963	5,255,374	7,730,439	20,628,725	35,480,746
Percent Change												
City	5.64%	3.30%	5.73%	2.99%	4.18%	2.17%	5.95%	4.45%	7.05%	4.02%		
School	6.67%	3.31%	3.85%	0.18%	2.24%	1.18%	-0.16%	4.23%	4.68%	11.42%		
County	4.95%	12.22%	3.81%	0.04%	3.85%	2.98%	3.33%	3.68%	3.40%	3.74%		
Total	6.14%	4.00%	4.56%	1.24%	3.13%	1.72%	2.54%	4.27%	5.54%	7.72%		
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
REVENUES:											5 Yr Ann %	10 Yr Ann %
Property Tax - City	19,974,876	20,343,274	21,429,921	22,592,315	24,047,953	24,674,390	25,798,503	27,046,138	28,461,123	29,879,239	4.44%	5.13%
Property Tax - Local School	22,735,976	24,296,444	24,640,583	24,944,661	26,608,346	27,124,864	27,934,161	28,833,811	29,582,715	30,985,059	3.09%	4.02%
Property Tax - State School	6,476,696	6,292,003	6,431,633	6,558,455	6,389,999	6,568,079	6,533,850	6,710,193	6,789,922	6,844,285	1.38%	0.53%
Property Tax - Total School	29,212,672	30,588,447	31,072,216	31,503,116	32,998,345	33,692,943	34,468,011	35,544,004	36,372,637	37,829,344	2.77%	3.28%
Property Tax - County	5,872,169	6,722,271	7,030,640	7,033,271	7,303,817	7,521,254	7,771,799	8,057,565	8,331,912	8,643,721	3.43%	4.25%
Total Property Tax	55,059,717	57,653,992	59,532,777	61,128,702	64,350,115	65,888,587	68,038,313	70,647,707	73,165,672	76,352,304	3.48%	4.07%
Other Sources:												
City	9,421,202	9,904,181	10,497,620	10,290,451	10,209,971	10,326,689	11,284,466	11,685,967	12,366,191	13,249,388	5.35%	3.75%
School	12,389,888	12,389,888	13,561,005	13,211,005	12,715,776	12,559,976	11,710,032	12,585,100	14,007,047	18,302,895	7.56%	4.66%
Use of Fund Balance	-	-	-	-	-	-	-	-	-	-	0.00%	0.00%
Total	21,811,090	22,294,069	24,058,625	23,501,456	22,925,747	22,886,665	22,994,498	24,271,067	26,373,238	31,552,283	6.60%	4.05%
Dollar Change											5 Yr Cum \$	10 Yr Cum \$
Property Tax - City	1,851,308	368,398	1,086,647	1,162,394	1,455,638	626,437	1,124,113	1,247,635	1,414,985	1,418,116	5,831,286	11,755,671
Property Tax - School	1,816,814	1,375,775	483,769	430,900	1,495,229	694,598	775,068	1,075,993	828,633	1,456,707	4,830,999	10,433,486
Property Tax - County	172,017	850,102	308,369	2,631	270,546	217,437	250,545	285,766	274,347	311,809	1,339,904	2,943,569
Total Property Tax	3,840,139	2,594,275	1,878,785	1,595,925	3,221,413	1,538,472	2,149,726	2,609,394	2,517,965	3,186,632	12,002,189	25,132,726
Other Sources:												
City	248,569	482,979	593,439	(207,169)	(80,480)	116,718	957,777	401,501	680,224	883,197	3,039,417	4,076,755
School	783,258	-	1,171,117	(350,000)	(495,229)	(155,800)	(849,944)	875,068	1,421,947	4,295,848	5,587,119	6,696,265
Use of Fund Balance	(425,000)	-	-	-	-	-	-	-	-	-	-	-
Total	606,827	482,979	1,764,556	(557,169)	(575,709)	(39,082)	107,833	1,276,569	2,102,171	5,179,045	8,626,536	10,348,020
Percent Change												
Property Tax - City	10.21%	1.84%	5.34%	5.42%	6.44%	2.60%	4.56%	4.84%	5.23%	4.98%		
Property Tax - School	6.63%	4.71%	1.58%	1.39%	4.75%	2.10%	2.30%	3.12%	2.33%	4.00%		
Property Tax - County	3.02%	14.48%	4.59%	0.04%	3.85%	2.98%	3.33%	3.68%	3.40%	3.74%		
Total Property Tax	7.50%	4.71%	3.26%	2.68%	5.27%	2.39%	3.26%	3.84%	3.56%	4.36%		
Other Revenue - City	2.71%	5.13%	5.99%	-1.97%	-0.78%	1.14%	9.27%	3.56%	5.82%	7.14%		
Other Revenue - School	6.75%	0.00%	9.45%	-2.58%	-3.75%	-1.23%	-6.77%	7.47%	11.30%	30.67%		
Use of Fund Balance	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Total	2.86%	2.21%	7.91%	-2.32%	-2.45%	-0.17%	0.47%	5.55%	8.66%	19.64%		

GENERAL FUND - Budget History Sheet

Amounts reflect budget at time of tax rate setting.

	2008	2009	2010	2011	2012	2013	2014	2015	2016	Adopted 2017		
TAX RATES:											5 Yr Ann %	10 Yr Ann %
City	7.23	7.57	8.55	8.93	9.54	9.71	9.99	10.09	10.47	10.83	2.57%	4.66%
Budgetary Use of FB	-	-	-	-	-	-	-	-	-	-	0.00%	0.00%
Net City	7.23	7.57	8.55	8.93	9.54	9.71	9.99	10.09	10.47	10.83	2.57%	4.89%
School - Local	8.02	8.79	9.54	9.57	10.26	10.38	10.54	10.50	10.65	10.99	1.38%	3.81%
School - State	2.31	2.31	2.52	2.55	2.50	2.55	2.51	2.49	2.49	2.51	0.08%	0.53%
Total School	10.33	11.10	12.06	12.12	12.76	12.93	13.05	12.99	13.14	13.50	1.13%	3.11%
County	2.07	2.43	2.72	2.70	2.82	2.88	2.93	2.93	3.00	3.07	1.71%	4.07%
Total	19.63	21.10	23.33	23.75	25.12	25.52	25.97	26.01	26.61	27.40	1.75%	3.88%
Dollar Change											5 Yr Cum \$	10 Yr Cum \$
City	0.36	0.34	0.98	0.38	0.61	0.17	0.28	0.10	0.38	0.36	1.29	3.96
Budgetary Use of FB	0.15	-	-	-	-	-	-	-	-	-	-	-
Net City	0.51	0.34	0.98	0.38	0.61	0.17	0.28	0.10	0.38	0.36	1.29	4.11
School - Local	0.46	0.77	0.75	0.03	0.69	0.12	0.16	(0.04)	0.15	0.34	0.73	3.43
School - State	(0.07)	-	0.21	0.03	(0.05)	0.05	(0.04)	(0.02)	-	0.02	0.01	0.13
Total School	0.39	0.77	0.96	0.06	0.64	0.17	0.12	(0.06)	0.15	0.36	0.74	3.56
County	0.01	0.36	0.29	(0.02)	0.12	0.06	0.05	-	0.07	0.07	0.25	1.01
Total	0.91	1.47	2.23	0.42	1.37	0.40	0.45	0.04	0.60	0.79	2.28	8.68
Percent Change												
City	5.24%	4.70%	12.95%	4.44%	6.83%	1.78%	2.88%	1.00%	3.77%	3.44%		
Budgetary Use of FB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Net City	7.59%	4.70%	12.95%	4.44%	6.83%	1.78%	2.88%	1.00%	3.77%	3.44%		
School - Local	6.08%	9.60%	8.53%	0.31%	7.21%	1.17%	1.54%	-0.38%	1.43%	3.19%		
School - State	-2.94%	0.00%	9.09%	1.19%	-1.96%	2.00%	-1.57%	-0.80%	0.00%	0.80%		
County	3.92%	7.45%	8.65%	0.50%	5.28%	1.33%	0.93%	-0.46%	1.15%	2.74%		
Total	4.86%	7.49%	10.57%	1.80%	5.77%	1.59%	1.76%	0.15%	2.31%	2.97%		
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
VALUATION:											5 Yr Ann %	10 Yr Ann %
Total Value	2,885,588,500	2,814,819,300	2,636,088,200	2,657,575,300	2,641,809,500	2,660,984,300	2,696,745,950	2,794,717,920	2,826,822,580	2,866,822,580	1.65%	0.20%
Less Exemptions	(50,519,500)	(51,237,750)	(53,208,250)	(51,040,250)	(49,202,900)	(48,980,100)	(47,445,500)	(48,686,100)	(48,144,800)	(48,144,800)	-0.43%	0.50%
Net Value	2,835,069,000	2,763,581,550	2,582,879,950	2,606,535,050	2,592,606,600	2,612,004,200	2,649,300,450	2,746,031,820	2,778,677,780	2,818,677,780	1.69%	0.19%
Dollar Change											5 Yr Cum \$	10 Yr Cum \$
Total Value	74,967,500	(70,769,200)	(178,731,100)	21,487,100	(15,765,800)	19,174,800	35,761,650	97,971,970	32,104,660	40,000,000	225,013,080	56,201,580
Exemptions	(4,711,000)	(718,250)	(1,970,500)	2,168,000	1,837,350	222,800	1,534,600	(1,240,600)	541,300	-	1,058,100	(2,336,300)
Net Value	70,256,500	(71,487,450)	(180,701,600)	23,655,100	(13,928,450)	19,397,600	37,296,250	96,731,370	32,645,960	40,000,000	172,142,730	53,865,280
Percent Change												
Total Value	2.67%	-2.45%	-6.35%	0.82%	-0.59%	0.73%	1.34%	3.63%	1.15%	1.42%		
Exemptions	10.28%	1.42%	3.85%	-4.07%	-3.60%	-0.45%	-3.13%	2.61%	-1.11%	0.00%		
Net Value	2.54%	-2.52%	-6.54%	0.92%	-0.53%	0.75%	1.43%	3.65%	1.19%	1.44%		
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
VET EXEMPTION:											5 Yr Ann Chg	10 Yr Ann Chg
Exempt Amount	510,500	576,027	636,602	686,197	679,656	671,323	657,656	655,823	635,238	635,238	-1.34%	2.21%
Dollar Change	55,550	65,527	60,575	49,595	(6,541)	(8,333)	(13,667)	(1,833)	(20,585)	-	(44,418)	180,288
Percent Change	12.21%	12.84%	10.52%	7.79%	-0.95%	-1.23%	-2.04%	-0.28%	-3.14%	0.00%		

ENTERPRISE FUNDS - Budget History Sheet

	2008	2009	2010	2011	2012	2013	2014	2015	2016	Adopted 2017		
APPROPRIATIONS:											5 Yr Ann %	10 Yr Ann %
Water - Oper & Maint	2,058,713	2,236,641	2,236,137	2,284,843	2,510,804	2,575,424	2,609,650	2,657,020	2,735,128	2,712,867	1.56%	3.07%
Water - Depreciation	879,297	974,298	984,298	1,010,000	946,000	1,171,666	1,189,276	1,179,480	1,186,738	1,263,896	5.97%	6.00%
Water - Debt Interest	550,509	497,731	492,198	476,272	404,395	462,672	554,588	516,457	444,535	541,928	6.03%	1.50%
Water - Capital Reserve	450,000	450,000	450,000	470,000	475,000	500,000	500,000	500,000	500,000	500,000	1.03%	5.24%
Total Water	3,938,519	4,158,670	4,162,633	4,241,115	4,336,199	4,709,762	4,853,514	4,852,957	4,866,401	5,018,691	2.97%	3.73%
Sewer - Oper & Maint	2,590,760	2,698,507	2,919,648	3,016,160	3,087,236	3,360,107	3,545,277	3,583,609	3,940,330	3,956,554	5.09%	4.67%
Sewer - Major Capital												
Sewer - Depreciation	1,897,220	1,897,220	1,897,220	2,053,451	2,053,451	2,152,449	2,209,486	2,420,114	2,322,280	2,420,114	3.34%	2.62%
Sewer - Debt Interest	630,206	579,345	533,519	464,918	479,723	451,771	492,762	654,853	569,102	629,732	5.59%	-1.26%
Sewer - Capital Reserve	400,000	400,000	400,000	425,000	420,000	440,000	500,000	500,000	500,000	500,000	3.55%	2.26%
Total Sewer	5,518,186	5,575,072	5,750,387	5,959,529	6,040,410	6,404,327	6,747,525	7,158,576	7,331,712	7,506,400	4.44%	3.18%
Total Enterprise Funds	9,456,705	9,733,742	9,913,020	10,200,644	10,376,609	11,114,089	11,601,039	12,011,533	12,198,113	12,525,091	7.41%	6.91%
Dollar Change											5 Yr Cum \$	10 Yr Cum \$
Water	459,721	220,151	3,963	78,482	95,084	373,563	143,752	(557)	13,444	152,290	682,492	1,539,893
Sewer	27,068	56,886	175,315	209,142	80,881	363,917	343,198	411,051	173,136	174,688	1,465,990	2,015,282
Total Enterprise Funds	486,789	277,037	179,278	287,624	175,965	737,480	486,950	410,494	186,580	326,978	2,148,482	3,555,175
Percent Change												
Water	13.21%	5.59%	0.10%	1.89%	2.24%	8.61%	3.05%	-0.01%	0.28%	3.13%		
Sewer	0.49%	1.03%	3.14%	3.64%	1.36%	6.02%	5.36%	6.09%	2.42%	2.38%		
Total Enterprise Funds	5.43%	2.93%	1.84%	2.90%	1.73%	7.11%	4.38%	3.54%	1.55%	2.68%		
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		
REVENUE:											5 Yr Ann %	10 Yr Ann %
Water												
Charges for Services	3,917,519	4,137,670	4,141,633	4,220,115	4,315,199	4,688,762	4,828,014	4,782,457	4,795,901	4,948,191	2.78%	3.65%
Other Financing Sources	21,000	21,000	21,000	21,000	21,000	21,000	25,500	70,500	70,500	70,500	27.41%	12.87%
Total Water	3,938,519	4,158,670	4,162,633	4,241,115	4,336,199	4,709,762	4,853,514	4,852,957	4,866,401	5,018,691	2.97%	3.73%
Sewer												
Licenses & Permits												
Intergovernmental	272,971	210,499	154,097	160,285	46,742	6,840	6,240	5,688	5,078	4,458	-37.50%	-34.43%
Charges for Services	4,150,146	4,262,654	4,579,371	4,782,325	5,048,527	5,354,011	5,697,809	6,153,201	6,326,947	6,505,810	5.20%	4.72%
Misc Revenue	32,000	32,000	32,000	32,000	31,000	31,000	31,000	57,000	57,000	57,000	12.95%	5.94%
Operating Transfers In												
Other Financing Sources	1,063,069	1,069,919	984,919	984,919	1,013,139	1,012,476	1,012,476	942,687	942,687	939,132		
Total Sewer	5,518,186	5,575,072	5,750,387	5,959,529	6,139,408	6,404,327	6,747,525	7,158,576	7,331,712	7,506,400	4.10%	3.18%
Total Enterprise Funds	9,456,705	9,733,742	9,913,020	10,200,644	10,475,607	11,114,089	11,601,039	12,011,533	12,198,113	12,525,091	3.64%	6.91%

Capital Improvements Program
History of Debt Financing Issues Past 30 Years - Principal

Description	C	Acc	Year	Original Rate	Due	Amount	City Depts	School	Total General	Water	Sewer	Arena	DIDA	Downtown TIF	Total City Debt
Public Impr	*	3022	85	8.880%	02/15/00	3,300,000	2,015,000	115,000	2,130,000	315,000	845,000	10,000			3,300,000
Public Impr	*	3023	85	8.000%	11/15/00	2,159,000	1,042,000	285,000	1,327,000	700,000	72,000	60,000			2,159,000
Public Impr	*	3024	87	7.287%	07/15/02	1,788,000	1,334,100	120,900	1,455,000	230,000	100,700	2,300			1,788,000
Sch Petro Tank Repl	*	3025	87	0.000%	12/23/92	42,722		42,722	42,722						42,722
Public Impr	*	3026	88	7.190%	07/15/03	3,462,000	2,040,000	98,000	2,138,000	1,161,000	73,000	90,000			3,462,000
WWTP-State Guar	*	3027	88	6.982%	07/15/03	1,295,000			0		1,295,000				1,295,000
Sch Petro Tank Repl	*	3028	88	0.000%	06/30/93	49,740		49,740	49,740						49,740
Public Impr	*	3029	89	6.793%	07/15/04	2,816,220	1,145,920	384,800	1,530,720	462,500	823,000				2,816,220
Public Impr	*	3030	90	6.933%	01/15/06	4,414,280	1,460,980	337,000	1,797,980	1,292,500	1,323,800				4,414,280
Public Impr	*	3031	91	6.635%	08/15/06	2,722,500	1,941,000	296,500	2,237,500	170,000	315,000				2,722,500
WWTP-State Guar	*	3032	91	6.698%	07/15/11	10,500,000			0		10,500,000				10,500,000
WWTP-State Guar	*	3033	91	6.575%	01/15/12	7,300,000			0		7,300,000				7,300,000
WWTP-State Guar	*	3034	92	5.597%	01/15/12	450,000			0		450,000				450,000
Public Impr	*	3035	93	5.416%	08/15/08	1,188,338	878,000	239,338	1,117,338			71,000			1,188,338
Public Impr	*	3036	94	5.610%	08/15/09	3,043,000	2,025,000	583,000	2,608,000	435,000					3,043,000
Sch Enrgy Conserv - Lease	*	NA	95	6.690%	04/25/05	668,200		668,200	668,200						668,200
Public Impr	*	3037	95	5.325%	08/15/10	3,356,711	928,780	400,931	1,329,711	412,000	615,000		1,000,000		3,356,711
Public Impr	*	3038	96	5.655%	08/15/11	3,885,092	1,087,980	895,722	1,983,702	344,000			1,557,390		3,885,092
Energy Conserv	*	3039	96	5.406%	01/15/12	875,055	508,399		508,399			366,656			875,055
Public Impr	*	3040	97	4.840%	08/15/12	1,002,327	628,020	249,307	877,327	125,000					1,002,327
BFA Loan - Conproco	*	3041	97	9.5000%	07/31/07	979,000			0				979,000		979,000
SRL - Tolend Landfill	*	3042	98	3.5625%	09/01/13	1,271,357	1,271,357		1,271,357						1,271,357
Public Impr	*	3043	99	4.1900%	01/15/13	4,137,500	3,447,500		3,447,500	265,000	425,000				4,137,500
SRL - Griffin Well	*	3044	99	1.1875%	11/01/03	250,000			0	250,000					250,000
Public Impr	*	3045	99	5.5100%	01/15/15	2,179,901	786,637	1,393,264	2,179,901						2,179,901
New Middle School		3046	99	5.5800%	01/15/20	15,741,027		15,741,027	15,741,027						15,741,027
Public Impr	*	3047	01	4.4534%	06/15/21	22,991,400	11,386,400	2,200,000	13,586,400	2,925,000	2,880,000	3,600,000			22,991,400
Public Impr		3048	02	4.2300%	06/15/22	2,240,600	1,229,000		1,229,000		450,000	561,600			2,240,600
Public Impr	*	3049	03	3.1668%	06/15/24	14,280,000	5,411,000	3,748,000	9,159,000	2,225,000	2,896,000				14,280,000
Public Impr	*	3050	04	4.1539%	06/15/25	9,832,000	4,106,000	1,975,000	6,081,000	2,325,000	1,426,000				9,832,000
Public Impr	*	3051	05	3.8222%	06/15/26	10,740,000	6,095,000	2,425,000	8,520,000	750,000	1,470,000				10,740,000
Public Impr	*	3052	06	4.2313%	06/15/27	22,348,000	11,373,000	5,055,000	16,428,000	4,050,000	1,470,000		400,000		22,348,000
Public Impr		3053	07	4.5000%	06/15/27	20,646,000	9,101,000	9,095,000	18,196,000	2,200,000	250,000				20,646,000
Public Impr		3054	09	4.0935%	12/15/28	9,970,000	7,935,000	610,000	8,545,000	175,000	1,250,000	0	0		9,970,000
Public Impr		3055	10	3.4417%	04/01/30	12,799,000	3,746,058	6,092,942	9,839,000	1,550,000	1,410,000				12,799,000
Public Impr Refunding		3057	10	2.1535%	06/15/21	8,790,000	4,105,550	737,750	4,843,300	1,126,000	972,000	1,848,700			8,790,000
CDFA Energy Impr		3058	11	2.4700%	12/31/20	250,000	250,000		250,000						250,000
Public Improvements & Refunding		3059	12	2.3433%	06/15/32	17,530,000	7,756,950	2,382,650	10,139,600	2,406,800	4,983,600				17,530,000
SRL - WWTP Aeration		3060	13	1.7000%	02/01/22	279,157			0		279,157				279,157
SRL - North End Pressure		3061	13	2.7200%	11/01/32	3,400,000			0	3,400,000					3,400,000
Public Improvements		3062	14	2.8090%	05/15/34	22,385,000	17,851,979	551,332	18,403,311	960,834	3,020,855				22,385,000
Public Improvements		3063	14	3.2670%	05/15/34	11,495,000			0					11,495,000	11,495,000
Public Impr Refunding		3064	15	1.7460%	07/01/25	4,425,000	2,407,378	1,191,138	3,598,516	195,220	631,264				4,425,000
SRL - River St Pump Station		3065	15	3.1660%	03/01/34	1,207,935			0		1,207,935				1,207,935
Eversource SMART Start Improv.		3066	15	3.8570%	11/27/18	110,058	110,058		110,058						110,058
Public Improv. Refunding		3067	15	2.0020%	06/15/27	19,590,000	9,340,529	6,648,359	15,988,888	2,925,795	675,317				19,590,000
Eversource SMART Start Improv.		3068	16	2.1800%	12/01/22	125,139	125,139		125,139						125,139
Eversource SMART Start Improv.		3069	16	2.0850%	01/01/22	31,990	31,990		31,990						31,990
DHS & CTC Public Improvements		3070	16	3.1304%	06/15/41	73,900,000		73,900,000	73,900,000						73,900,000
Total of Issues						368,243,249	124,902,704	138,512,622	263,415,326	33,376,649	49,409,628	6,610,256	3,936,390	11,495,000	368,243,249

C = Closed

Capital Improvements Program - FY2018-2023

Debt Balance - Existing

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	39,638,899	90,488,021	130,126,920	3,039,893	9,814,930	10,416,189	0	10,940,000	164,337,931
2017	35,610,829	88,441,956	124,052,785	2,670,616	8,780,617	9,237,842	0	10,675,000	155,416,861
2018	31,631,798	86,434,185	118,065,984	2,288,165	7,742,922	8,087,083	0	10,400,000	146,584,154
2019	27,813,657	84,542,980	112,356,637	1,904,587	6,808,421	7,104,083	0	10,100,000	138,273,729
2020	24,037,263	82,646,665	106,683,928	1,508,331	5,904,591	6,150,011	0	9,575,000	129,821,860
2021	20,476,062	79,828,031	100,304,093	1,101,809	5,081,292	5,302,188	0	9,030,000	120,819,381
2022	17,403,616	76,929,815	94,333,432	691,037	4,354,072	4,555,407	0	8,460,000	112,393,948
2023	14,590,973	73,937,334	88,528,308	523,065	3,660,366	3,909,322	0	7,870,000	104,491,062
2024	11,713,645	70,834,318	82,547,964	355,667	2,964,595	3,257,102	0	7,265,000	96,390,327
2025	9,728,606	67,632,984	77,361,590	192,406	2,332,933	2,760,902	0	6,635,000	89,282,832
2026	7,904,472	64,336,917	72,241,390	20,000	1,763,355	2,314,225	0	5,985,000	82,323,970
2027	6,294,116	60,925,901	67,220,017	15,000	1,252,975	1,926,282	0	5,315,000	75,729,274
2028	5,155,682	57,398,693	62,554,375	10,000	985,528	1,539,578	0	4,625,000	69,714,482
2029	4,044,264	53,762,174	57,806,439	5,000	719,278	1,154,939	0	3,915,000	63,600,655
2030	3,094,292	50,005,767	53,100,059	0	506,326	848,034	0	3,180,000	57,634,419
2031	2,231,820	46,124,360	48,356,180	0	323,702	548,628	0	2,425,000	51,653,510
2032	1,369,348	42,112,953	43,482,300	0	151,880	249,223	0	1,645,000	45,528,404
2033	686,875	37,966,545	38,653,421	0	7,158	124,818	0	835,000	39,620,397
2034	0	33,690,000	33,690,000	0	0	0	0	0	33,690,000
2035	0	29,280,000	29,280,000	0	0	0	0	0	29,280,000
2036	0	24,715,000	24,715,000	0	0	0	0	0	24,715,000
2037	0	19,975,000	19,975,000	0	0	0	0	0	19,975,000
2038	0	15,080,000	15,080,000	0	0	0	0	0	15,080,000
2039	0	10,060,000	10,060,000	0	0	0	0	0	10,060,000
2040	0	4,840,000	4,840,000	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0

Debt Balance - Authorized To Be Issued

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	0	0	0	0	0	0	0	0	0
2017	12,517,525	0	12,517,525	2,710,765	10,150,000	14,785,000	2,450,000	0	42,613,290
2018	13,591,649	6,900,000	20,491,649	2,875,227	11,815,000	14,005,750	2,327,500	0	51,515,126
2019	12,880,773	6,555,000	19,435,773	2,724,689	21,533,333	13,226,500	2,205,000	0	59,125,295
2020	12,169,897	6,210,000	18,379,897	2,574,151	20,331,666	12,447,250	2,082,500	0	55,815,464
2021	11,459,021	5,865,000	17,324,021	2,423,613	19,129,999	11,668,000	1,960,000	0	52,505,633
2022	10,748,145	5,520,000	16,268,145	2,273,075	17,928,332	10,888,750	1,837,500	0	49,195,802
2023	10,037,269	5,175,000	15,212,269	2,122,537	16,726,665	10,109,500	1,715,000	0	45,885,971
2024	9,326,393	4,830,000	14,156,393	1,971,999	15,524,998	9,330,250	1,592,500	0	42,576,140
2025	8,615,517	4,485,000	13,100,517	1,821,461	14,323,331	8,551,000	1,470,000	0	39,266,309
2026	7,904,641	4,140,000	12,044,641	1,670,923	13,121,664	7,771,750	1,347,500	0	35,956,478
2027	7,193,765	3,795,000	10,988,765	1,520,385	11,919,997	6,992,500	1,225,000	0	32,646,647
2028	6,482,889	3,450,000	9,932,889	1,369,847	10,718,330	6,213,250	1,102,500	0	29,336,816
2029	5,772,013	3,105,000	8,877,013	1,219,309	9,516,663	5,434,000	980,000	0	26,026,985
2030	5,061,137	2,760,000	7,821,137	1,068,771	8,314,996	4,654,750	857,500	0	22,717,154
2031	4,350,261	2,415,000	6,765,261	918,233	7,113,329	3,875,500	735,000	0	19,407,323
2032	3,639,385	2,070,000	5,709,385	767,695	5,911,662	3,096,250	612,500	0	16,097,492
2033	2,928,509	1,725,000	4,653,509	617,157	4,820,000	2,477,000	490,000	0	13,057,666
2034	2,217,633	1,380,000	3,597,633	466,619	3,875,000	1,857,750	367,500	0	10,164,502
2035	1,506,757	1,035,000	2,541,757	316,081	2,930,000	1,238,500	245,000	0	7,271,338
2036	795,881	690,000	1,485,881	165,543	1,985,000	619,250	122,500	0	4,378,174
2037	85,000	345,000	430,000	15,000	1,040,000	0	0	0	1,485,000
2038	0	0	0	0	520,000	0	0	0	520,000
2039	0	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0

Capital Improvements Program - FY2018-2023

Debt Balance - Proposed CIP Only

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	0	0	0	0	0	0	0	0	0
2017	1,482,000	0	1,482,000	800,000	9,250,000	750,000	0	0	12,282,000
2018	4,086,707	520,500	4,607,207	760,000	8,887,500	1,450,000	0	0	15,704,707
2019	6,206,625	494,475	6,701,100	720,000	8,420,000	1,350,000	0	0	17,191,100
2020	9,881,543	468,450	10,349,993	3,792,500	8,952,500	1,250,000	0	0	24,344,993
2021	10,777,711	942,425	11,720,136	6,996,875	8,435,000	1,150,000	0	0	28,302,011
2022	10,723,879	891,400	11,615,279	7,631,250	8,392,500	1,050,000	0	0	28,689,029
2023	10,013,797	840,375	10,854,172	7,215,625	7,851,250	950,000	0	0	26,871,047
2024	9,303,715	789,350	10,093,065	6,800,000	7,310,000	850,000	0	0	25,053,065
2025	8,593,633	738,325	9,331,958	6,384,375	6,768,750	750,000	0	0	23,235,083
2026	7,883,551	687,300	8,570,851	5,968,750	6,227,500	650,000	0	0	21,417,101
2027	7,173,469	636,275	7,809,744	5,553,125	5,686,250	550,000	0	0	19,599,119
2028	6,485,087	585,250	7,070,337	5,137,500	5,145,000	450,000	0	0	17,802,837
2029	5,856,705	534,225	6,390,930	4,721,875	4,603,750	350,000	0	0	16,066,555
2030	5,228,323	483,200	5,711,523	4,306,250	4,062,500	250,000	0	0	14,330,273
2031	4,599,941	432,175	5,032,116	3,890,625	3,521,250	150,000	0	0	12,593,991
2032	3,971,554	381,150	4,352,704	3,475,000	2,980,000	50,000	0	0	10,857,704
2033	3,402,500	330,125	3,732,625	3,059,375	2,438,750	0	0	0	9,230,750
2034	2,893,750	279,100	3,172,850	2,643,750	1,897,500	0	0	0	7,714,100
2035	2,385,000	228,075	2,613,075	2,228,125	1,356,250	0	0	0	6,197,450
2036	1,876,250	177,050	2,053,300	1,812,500	815,000	0	0	0	4,680,800
2037	1,367,500	126,025	1,493,525	1,396,875	273,750	0	0	0	3,164,150
2038	877,500	75,000	952,500	1,021,250	195,000	0	0	0	2,168,750
2039	447,500	50,000	497,500	645,625	121,250	0	0	0	1,264,375
2040	137,500	25,000	162,500	270,000	47,500	0	0	0	480,000
2041	31,250	0	31,250	50,000	23,750	0	0	0	105,000

Debt Balance - Existing, Authorized & Proposed

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	39,638,899	90,488,021	130,126,920	3,039,893	9,814,930	10,416,189	0	10,940,000	164,337,931
2017	49,610,354	88,441,956	138,052,310	6,181,381	28,180,617	24,772,842	2,450,000	10,675,000	210,312,151
2018	49,310,154	93,854,685	143,164,840	5,923,392	28,445,422	23,542,833	2,327,500	10,400,000	213,803,987
2019	46,901,055	91,592,455	138,493,510	5,349,276	36,761,754	21,680,583	2,205,000	10,100,000	214,590,124
2020	46,088,703	89,325,115	135,413,818	7,874,982	35,188,757	19,847,261	2,082,500	9,575,000	209,982,317
2021	42,712,794	86,635,456	129,348,250	10,522,297	32,646,291	18,120,188	1,960,000	9,030,000	201,627,025
2022	38,875,640	83,341,215	122,216,856	10,595,362	30,674,904	16,494,157	1,837,500	8,460,000	190,278,779
2023	34,642,039	79,952,709	114,594,749	9,861,227	28,238,281	14,968,822	1,715,000	7,870,000	177,248,080
2024	30,343,753	76,453,668	106,797,422	9,127,666	25,799,593	13,437,352	1,592,500	7,265,000	164,019,532
2025	26,937,756	72,856,309	99,794,065	8,398,242	23,425,014	12,061,902	1,470,000	6,635,000	151,784,224
2026	23,692,664	69,164,217	92,856,882	7,659,673	21,112,519	10,735,975	1,347,500	5,985,000	139,697,549
2027	20,661,350	65,357,176	86,018,526	7,088,510	18,859,222	9,468,782	1,225,000	5,315,000	127,975,040
2028	18,123,658	61,433,943	79,557,601	6,517,347	16,848,858	8,202,828	1,102,500	4,625,000	116,854,135
2029	15,672,982	57,401,399	73,074,382	5,946,184	14,839,691	6,938,939	980,000	3,915,000	105,694,195
2030	13,383,752	53,248,967	66,632,719	5,375,021	12,883,822	5,752,784	857,500	3,180,000	94,681,846
2031	11,182,022	48,971,535	60,153,557	4,808,858	10,958,281	4,574,128	735,000	2,425,000	83,654,824
2032	8,980,287	44,564,103	53,544,389	4,242,695	9,043,542	3,395,473	612,500	1,645,000	72,483,600
2033	7,017,884	40,021,670	47,039,555	3,676,532	7,265,908	2,601,818	490,000	835,000	61,908,813
2034	5,111,383	35,349,100	40,460,483	3,110,369	5,772,500	1,857,750	367,500	0	51,568,602
2035	3,891,757	30,543,075	34,434,832	2,544,206	4,286,250	1,238,500	245,000	0	42,748,788
2036	2,672,131	25,582,050	28,254,181	1,978,043	2,800,000	619,250	122,500	0	33,773,974
2037	1,452,500	20,446,025	21,898,525	1,411,875	1,313,750	0	0	0	24,624,150
2038	877,500	15,155,000	16,032,500	1,021,250	715,000	0	0	0	17,768,750
2039	447,500	10,110,000	10,557,500	645,625	121,250	0	0	0	11,324,375
2040	137,500	25,000	162,500	270,000	47,500	0	0	0	480,000
2041	31,250	0	31,250	50,000	23,750	0	0	0	105,000
2042	0	0	0	0	0	0	0	0	0

Capital Improvements Program - FY2018-2023

Principal Payments - Existing Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	4,028,069	2,046,065	6,074,135	369,276	1,034,312	1,178,347	0	265,000	8,921,070
2018	3,979,031	2,007,771	5,986,802	382,452	1,037,696	1,150,758	0	275,000	8,832,707
2019	3,818,141	1,891,205	5,709,346	383,578	934,500	983,000	0	300,000	8,310,425
2020	3,776,395	1,896,315	5,672,709	396,257	903,831	954,072	0	525,000	8,451,869
2021	3,561,200	2,818,635	6,379,835	406,522	823,299	847,823	0	545,000	9,002,479
2022	3,072,446	2,898,215	5,970,661	410,772	727,220	746,781	0	570,000	8,425,434
2023	2,812,643	2,992,481	5,805,124	167,972	693,705	646,085	0	590,000	7,902,886
2024	2,877,328	3,103,016	5,980,344	167,398	695,772	652,221	0	605,000	8,100,734
2025	1,985,040	3,201,334	5,186,374	163,261	631,661	496,200	0	630,000	7,107,496
2026	1,824,133	3,296,067	5,120,200	172,406	569,579	446,677	0	650,000	6,958,862
2027	1,610,357	3,411,016	5,021,373	5,000	510,380	387,943	0	670,000	6,594,696
2028	1,138,433	3,527,209	4,665,642	5,000	267,446	386,704	0	690,000	6,014,792
2029	1,111,418	3,636,518	4,747,936	5,000	266,251	384,639	0	710,000	6,113,826
2030	949,972	3,756,407	4,706,380	5,000	212,951	306,905	0	735,000	5,966,236
2031	862,472	3,881,407	4,743,880	0	182,625	299,405	0	755,000	5,980,910
2032	862,472	4,011,407	4,873,880	0	171,821	299,405	0	780,000	6,125,106
2033	682,472	4,146,407	4,828,880	0	144,722	124,405	0	810,000	5,908,007
2034	686,875	4,276,545	4,963,421	0	7,158	124,818	0	835,000	5,930,397
2035	0	4,410,000	4,410,000	0	0	0	0	0	4,410,000
2036	0	4,565,000	4,565,000	0	0	0	0	0	4,565,000
2037	0	4,740,000	4,740,000	0	0	0	0	0	4,740,000
2038	0	4,895,000	4,895,000	0	0	0	0	0	4,895,000
2039	0	5,020,000	5,020,000	0	0	0	0	0	5,020,000
2040	0	5,220,000	5,220,000	0	0	0	0	0	5,220,000
2041	0	4,840,000	4,840,000	0	0	0	0	0	4,840,000
2042	0	0	0	0	0	0	0	0	0
Totals	39,638,899	90,488,021	130,126,920	3,039,893	9,814,930	10,416,189	0	10,940,000	164,337,931

Interest Payments - Existing Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	1,582,061	4,543,754	6,125,814	108,459	351,583	385,241	0	373,663	7,344,759
2018	1,424,131	3,970,916	5,395,047	97,324	316,939	344,750	0	365,713	6,519,772
2019	1,270,933	3,945,906	5,216,839	85,799	283,375	303,933	0	354,713	6,244,659
2020	1,129,180	3,935,670	5,064,849	77,317	255,619	268,852	0	342,713	6,009,350
2021	979,644	2,975,348	3,954,992	65,378	225,339	233,285	0	321,713	4,800,707
2022	839,578	2,902,665	3,742,243	53,127	198,188	201,980	0	294,463	4,490,000
2023	695,894	2,763,860	3,459,754	33,669	167,506	170,077	0	277,363	4,108,368
2024	560,535	2,618,891	3,179,426	25,747	137,454	140,362	0	259,663	3,742,651
2025	423,680	2,468,385	2,892,065	17,452	107,555	112,020	0	235,463	3,364,555
2026	341,302	2,312,603	2,653,906	9,352	81,536	92,017	0	216,563	3,053,373
2027	269,890	2,154,538	2,424,428	794	58,268	76,415	0	197,063	2,756,967
2028	210,037	1,993,564	2,203,600	600	39,966	62,859	0	176,963	2,483,988
2029	168,660	1,852,552	2,021,212	400	31,350	49,332	0	155,400	2,257,694
2030	136,056	1,707,586	1,843,642	200	22,694	37,439	0	132,325	2,036,301
2031	104,751	1,574,665	1,679,416	0	15,686	27,677	0	108,438	1,831,216
2032	76,811	1,458,170	1,534,980	0	9,822	18,083	0	83,900	1,646,785
2033	47,927	1,337,747	1,385,674	0	4,242	8,322	0	57,575	1,455,813
2034	24,041	1,213,248	1,237,288	0	251	4,168	0	29,225	1,270,932
2035	0	1,084,844	1,084,844	0	0	0	0	0	1,084,844
2036	0	952,544	952,544	0	0	0	0	0	952,544
2037	0	809,888	809,888	0	0	0	0	0	809,888
2038	0	661,763	661,763	0	0	0	0	0	661,763
2039	0	502,675	502,675	0	0	0	0	0	502,675
2040	0	339,525	339,525	0	0	0	0	0	339,525
2041	0	163,350	163,350	0	0	0	0	0	163,350
2042	0	0	0	0	0	0	0	0	0
Totals	10,285,111	50,244,655	60,529,766	575,616	2,307,372	2,536,812	0	3,982,913	69,932,478

Capital Improvements Program - FY2018-2023

Principal Payments - Authorized Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	0	0	0	0	0	0	0	0	0
2018	625,876	0	625,876	135,538	535,000	779,250	122,500	0	2,198,164
2019	710,876	345,000	1,055,876	150,538	681,667	779,250	122,500	0	2,789,831
2020	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2021	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2022	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2023	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2024	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2025	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2026	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2027	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2028	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2029	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2030	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2031	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2032	710,876	345,000	1,055,876	150,538	1,201,667	779,250	122,500	0	3,309,831
2033	710,876	345,000	1,055,876	150,538	1,091,662	619,250	122,500	0	3,039,826
2034	710,876	345,000	1,055,876	150,538	945,000	619,250	122,500	0	2,893,164
2035	710,876	345,000	1,055,876	150,538	945,000	619,250	122,500	0	2,893,164
2036	710,876	345,000	1,055,876	150,538	945,000	619,250	122,500	0	2,893,164
2037	710,881	345,000	1,055,881	150,543	945,000	619,250	122,500	0	2,893,174
2038	85,000	345,000	430,000	15,000	520,000	0	0	0	965,000
2039	0	0	0	0	520,000	0	0	0	520,000
2040	0	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0
Totals	14,217,525	6,900,000	21,117,525	3,010,765	22,750,000	14,785,000	2,450,000	0	64,113,290

Interest Payments - Authorized Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	297,291	0	297,291	64,381	239,000	348,144	58,188	0	1,007,003
2018	634,957	163,875	798,832	135,886	527,500	696,288	116,375	0	2,274,881
2019	645,603	327,750	973,353	136,573	798,863	659,673	110,556	0	2,679,018
2020	611,837	311,363	923,200	129,423	1,014,125	623,059	104,738	0	2,794,545
2021	578,070	294,975	873,045	122,272	957,688	586,444	98,919	0	2,638,368
2022	544,304	278,588	822,892	115,122	901,250	549,830	93,100	0	2,482,194
2023	510,537	262,200	772,737	107,971	844,813	513,216	87,281	0	2,326,018
2024	476,771	245,813	722,584	100,821	788,375	476,601	81,463	0	2,169,844
2025	443,004	229,425	672,429	93,670	731,938	439,987	75,644	0	2,013,668
2026	409,238	213,038	622,276	86,520	675,500	403,373	69,825	0	1,857,494
2027	375,470	196,650	572,120	79,369	619,063	366,758	64,006	0	1,701,316
2028	341,704	180,263	521,967	72,219	562,625	330,144	58,188	0	1,545,143
2029	307,937	163,875	471,812	65,068	506,188	293,529	52,369	0	1,388,966
2030	274,171	147,488	421,659	57,918	449,750	256,915	46,550	0	1,232,792
2031	240,404	131,100	371,504	50,767	393,313	220,301	40,731	0	1,076,616
2032	206,638	114,713	321,351	43,617	336,875	183,686	34,913	0	920,442
2033	172,871	98,325	271,196	36,466	280,438	147,072	29,094	0	764,266
2034	139,105	81,938	221,043	29,315	228,950	117,658	23,275	0	620,241
2035	105,338	65,550	170,888	22,164	184,063	88,243	17,456	0	482,814
2036	71,571	49,163	120,734	15,014	139,175	58,829	11,638	0	345,390
2037	37,804	32,775	70,579	7,863	94,288	29,414	5,819	0	207,963
2038	4,038	16,388	20,426	713	49,400	0	0	0	70,539
2039	0	0	0	0	24,700	0	0	0	24,700
2040	0	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0	0
2042	0	0	0	0	0	0	0	0	0
Totals	7,428,663	3,605,255	11,033,918	1,573,132	11,347,880	7,389,164	1,280,128	0	32,624,221

Capital Improvements Program - FY2018-2023

Principal Payments - Proposed CIP Only

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	0	0	0	0	0	0	0	0	0
2018	99,783	0	99,783	40,000	462,500	50,000	0	0	652,283
2019	280,082	26,025	306,107	40,000	467,500	100,000	0	0	913,607
2020	400,082	26,025	426,107	40,000	467,500	100,000	0	0	1,033,607
2021	603,832	26,025	629,857	195,625	517,500	100,000	0	0	1,442,982
2022	678,832	51,025	729,857	365,625	517,500	100,000	0	0	1,712,982
2023	710,082	51,025	761,107	415,625	541,250	100,000	0	0	1,817,982
2024	710,082	51,025	761,107	415,625	541,250	100,000	0	0	1,817,982
2025	710,082	51,025	761,107	415,625	541,250	100,000	0	0	1,817,982
2026	710,082	51,025	761,107	415,625	541,250	100,000	0	0	1,817,982
2027	710,082	51,025	761,107	415,625	541,250	100,000	0	0	1,817,982
2028	688,382	51,025	739,407	415,625	541,250	100,000	0	0	1,796,282
2029	628,382	51,025	679,407	415,625	541,250	100,000	0	0	1,736,282
2030	628,382	51,025	679,407	415,625	541,250	100,000	0	0	1,736,282
2031	628,382	51,025	679,407	415,625	541,250	100,000	0	0	1,736,282
2032	628,387	51,025	679,412	415,625	541,250	100,000	0	0	1,736,287
2033	569,054	51,025	620,079	415,625	541,250	50,000	0	0	1,626,954
2034	508,750	51,025	559,775	415,625	541,250	0	0	0	1,516,650
2035	508,750	51,025	559,775	415,625	541,250	0	0	0	1,516,650
2036	508,750	51,025	559,775	415,625	541,250	0	0	0	1,516,650
2037	508,750	51,025	559,775	415,625	541,250	0	0	0	1,516,650
2038	490,000	51,025	541,025	375,625	78,750	0	0	0	995,400
2039	430,000	25,000	455,000	375,625	73,750	0	0	0	904,375
2040	310,000	25,000	335,000	375,625	73,750	0	0	0	784,375
2041	106,250	25,000	131,250	220,000	23,750	0	0	0	375,000
2042	31,250	0	31,250	50,000	23,750	0	0	0	105,000
Totals	12,786,490	1,020,500	13,806,990	8,312,500	10,825,000	1,500,000	0	0	34,444,490

Interest Payments - Proposed CIP Only

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	38,046	0	38,046	19,000	219,688	16,875	0	0	293,608
2018	141,028	12,362	153,390	38,000	441,750	50,625	0	0	683,765
2019	242,407	24,724	267,131	36,100	422,156	65,250	0	0	790,637
2020	383,633	23,488	407,121	108,122	423,701	60,750	0	0	999,694
2021	497,784	34,126	531,910	260,894	425,244	56,250	0	0	1,274,298
2022	512,896	44,765	557,661	356,102	411,945	51,750	0	0	1,377,458
2023	503,666	42,342	546,008	362,484	398,644	47,250	0	0	1,354,386
2024	470,686	39,918	510,604	342,742	372,935	42,750	0	0	1,269,031
2025	437,705	37,495	475,200	323,000	347,225	38,250	0	0	1,183,675
2026	404,725	35,070	439,795	303,258	321,516	33,750	0	0	1,098,319
2027	371,744	32,647	404,391	283,516	295,806	29,250	0	0	1,012,963
2028	338,764	30,223	368,987	263,773	270,098	24,750	0	0	927,608
2029	306,696	27,800	334,496	244,031	244,388	20,250	0	0	843,165
2030	277,145	25,376	302,521	224,289	218,679	15,750	0	0	761,239
2031	247,597	22,953	270,550	204,547	192,969	11,250	0	0	679,316
2032	218,047	20,528	238,575	184,805	167,260	6,750	0	0	597,390
2033	188,499	18,105	206,604	165,063	141,550	2,250	0	0	515,467
2034	161,619	15,681	177,300	145,320	115,841	0	0	0	438,461
2035	137,454	13,258	150,712	125,578	90,131	0	0	0	366,421
2036	113,288	10,834	124,122	105,836	64,423	0	0	0	294,381
2037	89,123	8,410	97,533	86,094	38,713	0	0	0	222,340
2038	64,956	5,986	70,942	66,352	13,004	0	0	0	150,298
2039	41,682	3,563	45,245	48,509	9,263	0	0	0	103,017
2040	21,256	2,375	23,631	30,667	5,759	0	0	0	60,057
2041	6,532	1,188	7,720	12,825	2,256	0	0	0	22,801
2042	1,484	0	1,484	2,375	1,128	0	0	0	4,987
Totals	6,218,461	533,217	6,751,678	4,343,282	5,656,071	573,750	0	0	17,324,781

Capital Improvements Program - FY2018-2023

Principal & Interest - Proposed CIP Only

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	38,046	0	38,046	19,000	219,688	16,875	0	0	293,608
2018	240,811	12,362	253,173	78,000	904,250	100,625	0	0	1,336,048
2019	522,489	50,749	573,238	76,100	889,656	165,250	0	0	1,704,244
2020	783,715	49,513	833,228	148,122	891,201	160,750	0	0	2,033,301
2021	1,101,616	60,151	1,161,767	456,519	942,744	156,250	0	0	2,717,280
2022	1,191,728	95,790	1,287,518	721,727	929,445	151,750	0	0	3,090,440
2023	1,213,748	93,367	1,307,115	778,109	939,894	147,250	0	0	3,172,368
2024	1,180,768	90,943	1,271,711	758,367	914,185	142,750	0	0	3,087,013
2025	1,147,787	88,520	1,236,307	738,625	888,475	138,250	0	0	3,001,657
2026	1,114,807	86,095	1,200,902	718,883	862,766	133,750	0	0	2,916,301
2027	1,081,826	83,672	1,165,498	699,141	837,056	129,250	0	0	2,830,945
2028	1,027,146	81,248	1,108,394	679,398	811,348	124,750	0	0	2,723,890
2029	935,078	78,825	1,013,903	659,656	785,638	120,250	0	0	2,579,447
2030	905,527	76,401	981,928	639,914	759,929	115,750	0	0	2,497,521
2031	875,979	73,978	949,957	620,172	734,219	111,250	0	0	2,415,598
2032	846,434	71,553	917,987	600,430	708,510	106,750	0	0	2,333,677
2033	757,553	69,130	826,683	580,688	682,800	52,250	0	0	2,142,421
2034	670,369	66,706	737,075	560,945	657,091	0	0	0	1,955,111
2035	646,204	64,283	710,487	541,203	631,381	0	0	0	1,883,071
2036	622,038	61,859	683,897	521,461	605,673	0	0	0	1,811,031
2037	597,873	59,435	657,308	501,719	579,963	0	0	0	1,738,990
2038	554,956	57,011	611,967	441,977	91,754	0	0	0	1,145,698
2039	471,682	28,563	500,245	424,134	83,013	0	0	0	1,007,392
2040	331,256	27,375	358,631	406,292	79,509	0	0	0	844,432
2041	112,782	26,188	138,970	232,825	26,006	0	0	0	397,801
2042	32,734	0	32,734	52,375	24,878	0	0	0	109,987
Totals	19,004,951	1,553,717	20,558,668	12,655,782	16,481,071	2,073,750	0	0	51,769,271

Principal & Interest - Existing, Authorized & Proposed

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	5,945,466	6,589,819	12,535,285	561,115	1,844,583	1,928,607	58,188	638,663	17,566,440
2018	6,904,806	6,154,923	13,059,730	829,199	3,321,384	3,071,671	238,875	640,713	21,161,573
2019	6,968,042	6,560,610	13,528,652	832,588	3,588,061	2,891,107	233,056	654,713	21,728,176
2020	7,012,002	6,537,860	13,549,862	901,657	4,266,443	2,785,983	227,238	867,713	22,598,896
2021	6,931,406	6,494,109	13,425,515	1,201,228	4,150,737	2,603,053	221,419	866,713	22,468,665
2022	6,358,932	6,520,258	12,879,190	1,451,286	3,957,770	2,429,590	215,600	864,463	21,797,898
2023	5,943,698	6,456,908	12,400,606	1,238,259	3,847,585	2,255,878	209,781	867,363	20,819,471
2024	5,806,278	6,403,663	12,209,941	1,202,871	3,737,453	2,191,183	203,963	864,663	20,410,073
2025	4,710,386	6,332,665	11,043,051	1,163,546	3,561,296	1,965,706	198,144	865,463	18,797,206
2026	4,400,357	6,252,803	10,653,160	1,137,699	3,391,048	1,855,067	192,325	866,563	18,095,861
2027	4,048,419	6,190,876	10,239,295	934,842	3,226,434	1,739,616	186,506	867,063	17,193,755
2028	3,428,196	6,127,283	9,555,479	907,755	2,883,052	1,683,708	180,688	866,963	16,077,644
2029	3,233,969	6,076,770	9,310,739	880,662	2,791,093	1,627,000	174,869	865,400	15,649,764
2030	2,976,603	6,032,882	9,009,485	853,570	2,646,992	1,496,259	169,050	867,325	15,042,681
2031	2,794,482	6,006,151	8,800,633	821,477	2,527,509	1,437,883	163,231	863,438	14,614,170
2032	2,703,231	6,000,843	8,704,074	794,585	2,428,695	1,387,174	157,413	863,900	14,335,841
2033	2,371,699	5,996,609	8,368,309	767,692	2,203,865	951,299	151,594	867,575	13,310,334
2034	2,231,266	5,983,437	8,214,703	740,798	1,838,449	865,894	145,775	864,225	12,669,845
2035	1,462,418	5,969,677	7,432,095	713,905	1,760,444	707,493	139,956	0	10,753,893
2036	1,404,485	5,973,566	7,378,051	687,013	1,689,848	678,079	134,138	0	10,567,129
2037	1,346,558	5,987,098	7,333,656	660,125	1,619,251	648,664	128,319	0	10,390,015
2038	643,994	5,975,162	6,619,156	457,690	661,154	0	0	0	7,738,000
2039	471,682	5,551,238	6,022,920	424,134	627,713	0	0	0	7,074,767
2040	331,256	5,586,900	5,918,156	406,292	79,509	0	0	0	6,403,957
2041	112,782	5,029,538	5,142,320	232,825	26,006	0	0	0	5,401,151
2042	32,734	0	32,734	52,375	24,878	0	0	0	109,987
2043	0	0	0	0	0	0	0	0	0
Totals	90,575,148	152,791,649	243,366,797	20,855,187	62,701,252	37,200,915	3,730,128	14,922,913	382,777,191

Capital Improvements Program - FY2018-2023

Principal Payments - Existing, Authorized & Proposed

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	4,028,069	2,046,065	6,074,135	369,276	1,034,312	1,178,347	0	265,000	8,921,070
2018	4,704,690	2,007,771	6,712,461	557,990	2,035,196	1,980,008	122,500	275,000	11,683,154
2019	4,809,099	2,262,230	7,071,329	574,116	2,083,667	1,862,250	122,500	300,000	12,013,863
2020	4,887,353	2,267,340	7,154,692	586,795	2,572,998	1,833,322	122,500	525,000	12,795,307
2021	4,875,908	3,189,660	8,065,568	752,685	2,542,466	1,727,073	122,500	545,000	13,755,292
2022	4,462,154	3,294,240	7,756,394	926,935	2,446,387	1,626,031	122,500	570,000	13,448,247
2023	4,233,601	3,388,506	7,622,107	734,135	2,436,622	1,525,335	122,500	590,000	13,030,699
2024	4,298,286	3,499,041	7,797,327	733,561	2,438,689	1,531,471	122,500	605,000	13,228,547
2025	3,405,998	3,597,359	7,003,357	729,424	2,374,578	1,375,450	122,500	630,000	12,235,309
2026	3,245,091	3,692,092	6,937,183	738,569	2,312,496	1,325,927	122,500	650,000	12,086,675
2027	3,031,315	3,807,041	6,838,356	571,163	2,253,297	1,267,193	122,500	670,000	11,722,509
2028	2,537,691	3,923,234	6,460,925	571,163	2,010,363	1,265,954	122,500	690,000	11,120,905
2029	2,450,676	4,032,543	6,483,219	571,163	2,009,168	1,263,889	122,500	710,000	11,159,939
2030	2,289,230	4,152,432	6,441,663	571,163	1,955,868	1,186,155	122,500	735,000	11,012,349
2031	2,201,730	4,277,432	6,479,163	566,163	1,925,542	1,178,655	122,500	755,000	11,027,023
2032	2,201,735	4,407,432	6,609,168	566,163	1,914,738	1,178,655	122,500	780,000	11,171,224
2033	1,962,402	4,542,432	6,504,835	566,163	1,777,634	793,655	122,500	810,000	10,574,787
2034	1,906,501	4,672,570	6,579,072	566,163	1,493,408	744,068	122,500	835,000	10,340,211
2035	1,219,626	4,806,025	6,025,651	566,163	1,486,250	619,250	122,500	0	8,819,814
2036	1,219,626	4,961,025	6,180,651	566,163	1,486,250	619,250	122,500	0	8,974,814
2037	1,219,631	5,136,025	6,355,656	566,168	1,486,250	619,250	122,500	0	9,149,824
2038	575,000	5,291,025	5,866,025	390,625	598,750	0	0	0	6,855,400
2039	430,000	5,045,000	5,475,000	375,625	593,750	0	0	0	6,444,375
2040	310,000	5,245,000	5,555,000	375,625	73,750	0	0	0	6,004,375
2041	106,250	4,865,000	4,971,250	220,000	23,750	0	0	0	5,215,000
2042	31,250	0	31,250	50,000	23,750	0	0	0	105,000
2043	0	0	0	0	0	0	0	0	0
Totals	66,642,914	98,408,521	165,051,435	14,363,158	43,389,930	26,701,189	2,450,000	10,940,000	262,895,711

State Aid to Existing Debt Service

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2017	0	662,125	662,125	0	0	18,373	0	0	680,498
2018	0	635,425	635,425	0	0	17,826	0	0	653,251
2019	0	592,016	592,016	0	0	14,218	0	0	606,234
2020	0	539,990	539,990	0	0	13,603	0	0	553,593
2021	0	402,614	402,614	0	0	13,166	0	0	415,780
2022	0	402,014	402,014	0	0	11,768	0	0	413,782
2023	0	402,014	402,014	0	0	11,368	0	0	413,382
2024	0	365,036	365,036	0	0	10,963	0	0	375,999
2025	0	365,036	365,036	0	0	10,559	0	0	375,595
2026	0	344,469	344,469	0	0	10,148	0	0	354,617
2027	0	291,369	291,369	0	0	0	0	0	291,369
2028	0	212,925	212,925	0	0	0	0	0	212,925
2029	0	103,500	103,500	0	0	0	0	0	103,500
2030	0	103,500	103,500	0	0	0	0	0	103,500
2031	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0	0
Totals	0	5,422,031	5,422,031	0	0	131,992	0	0	5,554,023

Capital Improvements Program - FY2018-2023
Amortization Schedules - 10 Year

City Departments								End of FY			
	217,000	600,000		0	0	0	0 Total	Princ Bal		Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	City Depts	City Depts	Interest	City Depts	
2017							0	217,000		9,114	
2018	21,700						21,700	795,300	34,314	56,014	
2019	21,700	60,000					81,700	713,600	33,403	115,103	
2020	21,700	60,000	0				81,700	631,900	29,971	111,671	
2021	21,700	60,000	0	0			81,700	550,200	26,540	108,240	
2022	21,700	60,000	0	0	0		81,700	468,500	23,108	104,808	
2023	21,700	60,000	0	0	0	0	81,700	386,800	19,677	101,377	
2024	21,700	60,000	0	0	0	0	81,700	305,100	16,246	97,946	
2025	21,700	60,000	0	0	0	0	81,700	223,400	12,814	94,514	
2026	21,700	60,000	0	0	0	0	81,700	141,700	9,383	91,083	
2027	21,700	60,000	0	0	0	0	81,700	60,000	5,951	87,651	
2028		60,000	0	0	0	0	60,000	0	2,520	62,520	
2029			0	0	0	0	0	0	0	0	
2030				0	0	0	0	0	0	0	
2031					0	0	0	0	0	0	
2032						0	0	0	0	0	
2033							0	0	0	0	
2034							0	0	0	0	
2035							0	0	0	0	
2036							0	0	0	0	
2037							0	0	0	0	
2038							0	0	0	0	
2039							0	0	0	0	
2040							0	0	0	0	
2041							0	0	0	0	
2042							0	0	0	0	
Totals	217,000	600,000	0	0	0	0	817,000		223,041	1,040,041	
Var	0	0	0	0	0	0	0				
School											
	0	0	0	0	0	0	0 Total Princ	Princ Bal		Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School	Interest	School	
2017							0	0		0	
2018	0						0	0		0	
2019	0	0					0	0		0	
2020	0	0	0				0	0		0	
2021	0	0	0	0			0	0		0	
2022	0	0	0	0	0		0	0		0	
2023	0	0	0	0	0	0	0	0		0	
2024	0	0	0	0	0	0	0	0		0	
2025	0	0	0	0	0	0	0	0		0	
2026	0	0	0	0	0	0	0	0		0	
2027	0	0	0	0	0	0	0	0		0	
2028		0	0	0	0	0	0	0		0	
2029			0	0	0	0	0	0		0	
2030				0	0	0	0	0		0	
2031					0	0	0	0		0	
2032						0	0	0		0	
2033							0	0		0	
2034							0	0		0	
2035							0	0		0	
2036							0	0		0	
2037							0	0		0	
2038							0	0		0	
2039							0	0		0	
2040							0	0		0	
2041							0	0		0	
2042							0	0		0	
Totals	0	0	0	0	0	0	0			0	
Var	0	0	0	0	0	0	0	817,000 Tot GF			

Capital Improvements Program - FY2018-2023
Amortization Schedules - 15 Year

City Departments								End of FY			Rate
	890,000	904,490		0	0	0	0 Total	Princ Bal		Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	City Depts	City Depts	Interest	City Depts	
2017							0	890,000	20,025	20,025	
2018	59,333						59,333	1,735,157	60,401	119,734	
2019	59,333	60,299					119,632	1,615,525	78,082	197,714	
2020	59,333	60,299	0				119,632	1,495,893	72,699	192,331	
2021	59,333	60,299	0		0		119,632	1,376,261	67,315	186,947	
2022	59,333	60,299	0		0	0	119,632	1,256,629	61,932	181,564	
2023	59,333	60,299	0		0	0	0	119,632	1,136,997	56,548	176,180
2024	59,333	60,299	0		0	0	0	119,632	1,017,365	51,165	170,797
2025	59,333	60,299	0		0	0	0	119,632	897,733	45,781	165,413
2026	59,333	60,299	0		0	0	0	119,632	778,101	40,398	160,030
2027	59,333	60,299	0		0	0	0	119,632	658,469	35,014	154,646
2028	59,333	60,299	0		0	0	0	119,632	538,837	29,631	149,263
2029	59,333	60,299	0		0	0	0	119,632	419,205	24,248	143,880
2030	59,333	60,299	0		0	0	0	119,632	299,573	18,864	138,496
2031	59,333	60,299	0		0	0	0	119,632	179,941	13,481	133,113
2032	59,338	60,299	0		0	0	0	119,637	60,304	8,097	127,734
2033		60,304	0		0	0	0	60,304	0	2,714	63,018
2034			0		0	0	0	0	0	0	0
2035					0	0	0	0	0	0	0
2036						0	0	0	0	0	0
2037							0	0	0	0	0
2038								0	0	0	0
2039								0	0	0	0
2040								0	0	0	0
2041								0	0	0	0
2042								0	0	0	0
Totals	890,000	904,490	0		0	0	0	1,794,490		686,395	2,480,885
Var	0	0	0		0	0	0				
School											
	0	0	0	0	0	0	0 Total Princ	Princ Bal		Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School	Interest	School	
2017								0	0	0	0
2018	0							0	0	0	0
2019	0	0						0	0	0	0
2020	0	0	0					0	0	0	0
2021	0	0	0	0				0	0	0	0
2022	0	0	0	0	0			0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0
2033		0	0	0	0	0	0	0	0	0	0
2034			0	0	0	0	0	0	0	0	0
2035				0	0	0	0	0	0	0	0
2036					0	0	0	0	0	0	0
2037						0	0	0	0	0	0
2038								0	0	0	0
2039								0	0	0	0
2040								0	0	0	0
2041								0	0	0	0
2042								0	0	0	0
Totals	0	0	0	0	0	0	0	0		0	0
Var	0	0	0	0	0	0	0	1,794,490 Tot GF			

Capital Improvements Program - FY2018-2023
Amortization Schedules - 15 Year

Water											
Fiscal Yr	0	0	0	0	0	0	0	Total	Princ Bal	Interest	Total DS
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Water	Water			Water
2017							0	0	0	0	0
2018	0						0	0	0	0	0
2019	0	0					0	0	0	0	0
2020	0	0	0				0	0	0	0	0
2021	0	0	0	0			0	0	0	0	0
2022	0	0	0	0	0		0	0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0
2033		0	0	0	0	0	0	0	0	0	0
2034			0	0	0	0	0	0	0	0	0
2035				0	0	0	0	0	0	0	0
2036					0	0	0	0	0	0	0
2037						0	0	0	0	0	0
2038							0	0	0	0	0
2039							0	0	0	0	0
2040							0	0	0	0	0
2041							0	0	0	0	0
2042							0	0	0	0	0
Totals	0	0	0	0	0	0	0	0			0
Var	0	0	0	0	0	0	0				
Sewer											
Fiscal Yr	750,000	750,000	0	0	0	0	0	Total	Princ Bal	Interest	Total DS
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Sewer	Sewer	Sewer		Sewer
2017							0	750,000	16,875		16,875
2018	50,000						50,000	1,450,000	50,625		100,625
2019	50,000	50,000					100,000	1,350,000	65,250		165,250
2020	50,000	50,000	0				100,000	1,250,000	60,750		160,750
2021	50,000	50,000	0	0			100,000	1,150,000	56,250		156,250
2022	50,000	50,000	0	0	0		100,000	1,050,000	51,750		151,750
2023	50,000	50,000	0	0	0	0	100,000	950,000	47,250		147,250
2024	50,000	50,000	0	0	0	0	100,000	850,000	42,750		142,750
2025	50,000	50,000	0	0	0	0	100,000	750,000	38,250		138,250
2026	50,000	50,000	0	0	0	0	100,000	650,000	33,750		133,750
2027	50,000	50,000	0	0	0	0	100,000	550,000	29,250		129,250
2028	50,000	50,000	0	0	0	0	100,000	450,000	24,750		124,750
2029	50,000	50,000	0	0	0	0	100,000	350,000	20,250		120,250
2030	50,000	50,000	0	0	0	0	100,000	250,000	15,750		115,750
2031	50,000	50,000	0	0	0	0	100,000	150,000	11,250		111,250
2032	50,000	50,000	0	0	0	0	100,000	50,000	6,750		106,750
2033		50,000	0	0	0	0	50,000	0	2,250		52,250
2034			0	0	0	0	0	0	0		0
2035				0	0	0	0	0	0		0
2036					0	0	0	0	0		0
2037						0	0	0	0		0
2038							0	0	0		0
2039							0	0	0		0
2040							0	0	0		0
2041							0	0	0		0
2042							0	0	0		0
Totals	750,000	750,000	0	0	0	0	1,500,000		573,750		2,073,750
Var	0	0	0	0	0	0	0				

Capital Improvements Program - FY2018-2023
Amortization Schedules - 20 Year

City Departments								End of FY		Rate
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Total City Depts	Princ Bal City Depts	Interest	Total DS City Depts
2017							0	375,000	8,907	8,907
2018	18,750						18,750	1,556,250	46,313	65,063
2019	18,750	60,000					78,750	3,877,500	130,922	209,672
2020	18,750	60,000	120,000				198,750	7,753,750	280,963	479,713
2021	18,750	60,000	120,000	203,750			402,500	8,851,250	403,929	806,429
2022	18,750	60,000	120,000	203,750	75,000		477,500	8,998,750	427,856	905,356
2023	18,750	60,000	120,000	203,750	75,000	31,250	508,750	8,490,000	427,441	936,191
2024	18,750	60,000	120,000	203,750	75,000	31,250	508,750	7,981,250	403,275	912,025
2025	18,750	60,000	120,000	203,750	75,000	31,250	508,750	7,472,500	379,110	887,860
2026	18,750	60,000	120,000	203,750	75,000	31,250	508,750	6,963,750	354,944	863,694
2027	18,750	60,000	120,000	203,750	75,000	31,250	508,750	6,455,000	330,779	839,529
2028	18,750	60,000	120,000	203,750	75,000	31,250	508,750	5,946,250	306,613	815,363
2029	18,750	60,000	120,000	203,750	75,000	31,250	508,750	5,437,500	282,448	791,198
2030	18,750	60,000	120,000	203,750	75,000	31,250	508,750	4,928,750	258,281	767,031
2031	18,750	60,000	120,000	203,750	75,000	31,250	508,750	4,420,000	234,116	742,866
2032	18,750	60,000	120,000	203,750	75,000	31,250	508,750	3,911,250	209,950	718,700
2033	18,750	60,000	120,000	203,750	75,000	31,250	508,750	3,402,500	185,785	694,535
2034	18,750	60,000	120,000	203,750	75,000	31,250	508,750	2,893,750	161,619	670,369
2035	18,750	60,000	120,000	203,750	75,000	31,250	508,750	2,385,000	137,454	646,204
2036	18,750	60,000	120,000	203,750	75,000	31,250	508,750	1,876,250	113,288	622,038
2037	18,750	60,000	120,000	203,750	75,000	31,250	508,750	1,367,500	89,123	597,873
2038		60,000	120,000	203,750	75,000	31,250	490,000	877,500	64,956	554,956
2039			120,000	203,750	75,000	31,250	430,000	447,500	41,682	471,682
2040				203,750	75,000	31,250	310,000	137,500	21,256	331,256
2041					75,000	31,250	106,250	31,250	6,532	112,782
2042						31,250	31,250	0	1,484	32,734
Totals	375,000	1,200,000	2,400,000	4,075,000	1,500,000	625,000	10,175,000		5,309,025	15,484,025
Var	0	0	0	0	0	0	0			
School										
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Total Princ School	Princ Bal School	Interest	Total DS School
2017							0	0	0	0
2018	0						0	520,500	12,362	12,362
2019	0	26,025					26,025	494,475	24,724	50,749
2020	0	26,025	0				26,025	468,450	23,488	49,513
2021	0	26,025	0	0			26,025	942,425	34,126	60,151
2022	0	26,025	0	0	25,000		51,025	891,400	44,765	95,790
2023	0	26,025	0	0	25,000	0	51,025	840,375	42,342	93,367
2024	0	26,025	0	0	25,000	0	51,025	789,350	39,918	90,943
2025	0	26,025	0	0	25,000	0	51,025	738,325	37,495	88,520
2026	0	26,025	0	0	25,000	0	51,025	687,300	35,070	86,095
2027	0	26,025	0	0	25,000	0	51,025	636,275	32,647	83,672
2028	0	26,025	0	0	25,000	0	51,025	585,250	30,223	81,248
2029	0	26,025	0	0	25,000	0	51,025	534,225	27,800	78,825
2030	0	26,025	0	0	25,000	0	51,025	483,200	25,376	76,401
2031	0	26,025	0	0	25,000	0	51,025	432,175	22,953	73,978
2032	0	26,025	0	0	25,000	0	51,025	381,150	20,528	71,553
2033	0	26,025	0	0	25,000	0	51,025	330,125	18,105	69,130
2034	0	26,025	0	0	25,000	0	51,025	279,100	15,681	66,706
2035	0	26,025	0	0	25,000	0	51,025	228,075	13,258	64,283
2036	0	26,025	0	0	25,000	0	51,025	177,050	10,834	61,859
2037	0	26,025	0	0	25,000	0	51,025	126,025	8,410	59,435
2038		26,025	0	0	25,000	0	51,025	75,000	5,986	57,011
2039			0	0	25,000	0	25,000	50,000	3,563	28,563
2040				0	25,000	0	25,000	25,000	2,375	27,375
2041					25,000	0	25,000	0	1,188	26,188
2042						0	0	0	0	0
Totals	0	520,500	0	0	500,000	0	1,020,500		533,217	1,553,717
Var	0	0	0	0	0	0	11,195,500	Tot GF		

Capital Improvements Program - FY2018-2023
Amortization Schedules - 20 Year

Water											
Fiscal Yr	9,250,000 Yr 1	100,000 Yr 2	0 Yr 3	1,000,000 Yr 4	0 Yr 5	475,000 Yr 6	Total Water	Princ Bal Water	Interest	Total DS Water	
2017								0	9,250,000	219,688	219,688
2018	462,500						462,500	8,887,500	441,750	904,250	
2019	462,500	5,000					467,500	8,420,000	422,156	889,656	
2020	462,500	5,000	0				467,500	8,952,500	423,701	891,201	
2021	462,500	5,000	0	50,000			517,500	8,435,000	425,244	942,744	
2022	462,500	5,000	0	50,000	0		517,500	8,392,500	411,945	929,445	
2023	462,500	5,000	0	50,000	0	23,750	541,250	7,851,250	398,644	939,894	
2024	462,500	5,000	0	50,000	0	23,750	541,250	7,310,000	372,935	914,185	
2025	462,500	5,000	0	50,000	0	23,750	541,250	6,768,750	347,225	888,475	
2026	462,500	5,000	0	50,000	0	23,750	541,250	6,227,500	321,516	862,766	
2027	462,500	5,000	0	50,000	0	23,750	541,250	5,686,250	295,806	837,056	
2028	462,500	5,000	0	50,000	0	23,750	541,250	5,145,000	270,098	811,348	
2029	462,500	5,000	0	50,000	0	23,750	541,250	4,603,750	244,388	785,638	
2030	462,500	5,000	0	50,000	0	23,750	541,250	4,062,500	218,679	759,929	
2031	462,500	5,000	0	50,000	0	23,750	541,250	3,521,250	192,969	734,219	
2032	462,500	5,000	0	50,000	0	23,750	541,250	2,980,000	167,260	708,510	
2033	462,500	5,000	0	50,000	0	23,750	541,250	2,438,750	141,550	682,800	
2034	462,500	5,000	0	50,000	0	23,750	541,250	1,897,500	115,841	657,091	
2035	462,500	5,000	0	50,000	0	23,750	541,250	1,356,250	90,131	631,381	
2036	462,500	5,000	0	50,000	0	23,750	541,250	815,000	64,423	605,673	
2037	462,500	5,000	0	50,000	0	23,750	541,250	273,750	38,713	579,963	
2038		5,000	0	50,000	0	23,750	78,750	195,000	13,004	91,754	
2039			0	50,000	0	23,750	73,750	121,250	9,263	83,013	
2040				50,000	0	23,750	73,750	47,500	5,759	79,509	
2041					0	23,750	23,750	23,750	2,256	26,006	
2042						23,750	23,750	0	1,128	24,878	
Totals	9,250,000	100,000	0	1,000,000	0	475,000	10,825,000		5,656,071	16,481,071	
Var	0	0	0	0	0	0	0				
Sewer											
Fiscal Yr	0 Yr 1	0 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer	
2017								0	0	0	0
2018	0							0	0	0	0
2019	0	0						0	0	0	0
2020	0	0	0					0	0	0	0
2021	0	0	0	0				0	0	0	0
2022	0	0	0	0	0			0	0	0	0
2023	0	0	0	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0	0	0	0
2038		0	0	0	0	0	0	0	0	0	0
2039			0	0	0	0	0	0	0	0	0
2040				0	0	0	0	0	0	0	0
2041					0	0	0	0	0	0	0
2042						0	0	0	0	0	0
Totals	0	0	0	0	0	0	0	0		0	0
Var	0	0	0	0	0	0	0				

Capital Improvements Program - FY2018-2023
Amortization Schedules - 20 Year

Other	800,000	0	0	3,112,500	3,400,000	1,000,000	Total	Princ Bal	Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Other	Other	Interest	Other
2017							0	800,000	19,000	19,000
2018	40,000						40,000	760,000	38,000	78,000
2019	40,000	0					40,000	720,000	36,100	76,100
2020	40,000	0	0				40,000	3,792,500	108,122	148,122
2021	40,000	0	0	155,625			195,625	6,996,875	260,894	456,519
2022	40,000	0	0	155,625	170,000		365,625	7,631,250	356,102	721,727
2023	40,000	0	0	155,625	170,000	50,000	415,625	7,215,625	362,484	778,109
2024	40,000	0	0	155,625	170,000	50,000	415,625	6,800,000	342,742	758,367
2025	40,000	0	0	155,625	170,000	50,000	415,625	6,384,375	323,000	738,625
2026	40,000	0	0	155,625	170,000	50,000	415,625	5,968,750	303,258	718,883
2027	40,000	0	0	155,625	170,000	50,000	415,625	5,553,125	283,516	699,141
2028	40,000	0	0	155,625	170,000	50,000	415,625	5,137,500	263,773	679,398
2029	40,000	0	0	155,625	170,000	50,000	415,625	4,721,875	244,031	659,656
2030	40,000	0	0	155,625	170,000	50,000	415,625	4,306,250	224,289	639,914
2031	40,000	0	0	155,625	170,000	50,000	415,625	3,890,625	204,547	620,172
2032	40,000	0	0	155,625	170,000	50,000	415,625	3,475,000	184,805	600,430
2033	40,000	0	0	155,625	170,000	50,000	415,625	3,059,375	165,063	580,688
2034	40,000	0	0	155,625	170,000	50,000	415,625	2,643,750	145,320	560,945
2035	40,000	0	0	155,625	170,000	50,000	415,625	2,228,125	125,578	541,203
2036	40,000	0	0	155,625	170,000	50,000	415,625	1,812,500	105,836	521,461
2037	40,000	0	0	155,625	170,000	50,000	415,625	1,396,875	86,094	501,719
2038		0	0	155,625	170,000	50,000	375,625	1,021,250	66,352	441,977
2039			0	155,625	170,000	50,000	375,625	645,625	48,509	424,134
2040				155,625	170,000	50,000	375,625	270,000	30,667	406,292
2041					170,000	50,000	220,000	50,000	12,825	232,825
2042						50,000	50,000	0	2,375	52,375
Totals	800,000	0	0	3,112,500	3,400,000	1,000,000	8,312,500		4,343,282	12,655,782
	0	0	0	0	0	0				

Capital Improvements Program - FY2018-2023
Amortization Schedules - All

City Departments								End of FY		Rate
Fiscal Yr	1,482,000	2,704,490	2,400,000	4,075,000	1,500,000	625,000	Total	Princ Bal	Interest	Total DS
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	City Depts	City Depts		City Depts
2017							0	1,482,000	38,046	38,046
2018	99,783						99,783	4,086,707	141,028	240,811
2019	99,783	180,299					280,082	6,206,625	242,407	522,489
2020	99,783	180,299	120,000				400,082	9,881,543	383,633	783,715
2021	99,783	180,299	120,000	203,750			603,832	10,777,711	497,784	1,101,616
2022	99,783	180,299	120,000	203,750	75,000		678,832	10,723,879	512,896	1,191,728
2023	99,783	180,299	120,000	203,750	75,000	31,250	710,082	10,013,797	503,666	1,213,748
2024	99,783	180,299	120,000	203,750	75,000	31,250	710,082	9,303,715	470,686	1,180,768
2025	99,783	180,299	120,000	203,750	75,000	31,250	710,082	8,593,633	437,705	1,147,787
2026	99,783	180,299	120,000	203,750	75,000	31,250	710,082	7,883,551	404,725	1,114,807
2027	99,783	180,299	120,000	203,750	75,000	31,250	710,082	7,173,469	371,744	1,081,826
2028	78,083	180,299	120,000	203,750	75,000	31,250	688,382	6,485,087	338,764	1,027,146
2029	78,083	120,299	120,000	203,750	75,000	31,250	628,382	5,856,705	306,696	935,078
2030	78,083	120,299	120,000	203,750	75,000	31,250	628,382	5,228,323	277,145	905,527
2031	78,083	120,299	120,000	203,750	75,000	31,250	628,382	4,599,941	247,597	875,979
2032	78,088	120,299	120,000	203,750	75,000	31,250	628,387	3,971,554	218,047	846,434
2033	18,750	120,304	120,000	203,750	75,000	31,250	569,054	3,402,500	188,499	757,553
2034	18,750	60,000	120,000	203,750	75,000	31,250	508,750	2,893,750	161,619	670,369
2035	18,750	60,000	120,000	203,750	75,000	31,250	508,750	2,385,000	137,454	646,204
2036	18,750	60,000	120,000	203,750	75,000	31,250	508,750	1,876,250	113,288	622,038
2037	18,750	60,000	120,000	203,750	75,000	31,250	508,750	1,367,500	89,123	597,873
2038		60,000	120,000	203,750	75,000	31,250	490,000	877,500	64,956	554,956
2039			120,000	203,750	75,000	31,250	430,000	447,500	41,682	471,682
2040				203,750	75,000	31,250	310,000	137,500	21,256	331,256
2041					75,000	31,250	106,250	31,250	6,532	112,782
2042						31,250	31,250	0	1,484	32,734
Totals	1,482,000	2,704,490	2,400,000	4,075,000	1,500,000	625,000	12,786,490		6,218,461	19,004,951
Var	0	0	0	0	0	0	0			
School										
Fiscal Yr	0	520,500	0	0	500,000	0	Total Princ	Princ Bal	Interest	Total DS
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School		School
2017							0	0	0	0
2018	0						0	520,500	12,362	12,362
2019	0	26,025					26,025	494,475	24,724	50,749
2020	0	26,025	0				26,025	468,450	23,488	49,513
2021	0	26,025	0	0			26,025	942,425	34,126	60,151
2022	0	26,025	0	0	25,000		51,025	891,400	44,765	95,790
2023	0	26,025	0	0	25,000	0	51,025	840,375	42,342	93,367
2024	0	26,025	0	0	25,000	0	51,025	789,350	39,918	90,943
2025	0	26,025	0	0	25,000	0	51,025	738,325	37,495	88,520
2026	0	26,025	0	0	25,000	0	51,025	687,300	35,070	86,095
2027	0	26,025	0	0	25,000	0	51,025	636,275	32,647	83,672
2028	0	26,025	0	0	25,000	0	51,025	585,250	30,223	81,248
2029	0	26,025	0	0	25,000	0	51,025	534,225	27,800	78,825
2030	0	26,025	0	0	25,000	0	51,025	483,200	25,376	76,401
2031	0	26,025	0	0	25,000	0	51,025	432,175	22,953	73,978
2032	0	26,025	0	0	25,000	0	51,025	381,150	20,528	71,553
2033	0	26,025	0	0	25,000	0	51,025	330,125	18,105	69,130
2034	0	26,025	0	0	25,000	0	51,025	279,100	15,681	66,706
2035	0	26,025	0	0	25,000	0	51,025	228,075	13,258	64,283
2036	0	26,025	0	0	25,000	0	51,025	177,050	10,834	61,859
2037	0	26,025	0	0	25,000	0	51,025	126,025	8,410	59,435
2038		26,025	0	0	25,000	0	51,025	75,000	5,986	57,011
2039			0	0	25,000	0	25,000	50,000	3,563	28,563
2040				0	25,000	0	25,000	25,000	2,375	27,375
2041					25,000	0	25,000	0	1,188	26,188
2042						0	0	0	0	0
Totals	0	520,500	0	0	500,000	0	1,020,500		533,217	1,553,717
Var	0	0	0	0	0	0	13,806,990	Tot GF		

Capital Improvements Program - FY2018-2023
Amortization Schedules - All

Water											
Fiscal Yr	9,250,000 Yr 1	100,000 Yr 2	0 Yr 3	1,000,000 Yr 4	0 Yr 5	475,000 Yr 6	Total Water	Princ Bal Water	Interest	Total DS Water	
2017							0	9,250,000	219,688	219,688	
2018	462,500						462,500	8,887,500	441,750	904,250	
2019	462,500	5,000					467,500	8,420,000	422,156	889,656	
2020	462,500	5,000	0				467,500	8,952,500	423,701	891,201	
2021	462,500	5,000	0	50,000			517,500	8,435,000	425,244	942,744	
2022	462,500	5,000	0	50,000	0		517,500	8,392,500	411,945	929,445	
2023	462,500	5,000	0	50,000	0	23,750	541,250	7,851,250	398,644	939,894	
2024	462,500	5,000	0	50,000	0	23,750	541,250	7,310,000	372,935	914,185	
2025	462,500	5,000	0	50,000	0	23,750	541,250	6,768,750	347,225	888,475	
2026	462,500	5,000	0	50,000	0	23,750	541,250	6,227,500	321,516	862,766	
2027	462,500	5,000	0	50,000	0	23,750	541,250	5,686,250	295,806	837,056	
2028	462,500	5,000	0	50,000	0	23,750	541,250	5,145,000	270,098	811,348	
2029	462,500	5,000	0	50,000	0	23,750	541,250	4,603,750	244,388	785,638	
2030	462,500	5,000	0	50,000	0	23,750	541,250	4,062,500	218,679	759,929	
2031	462,500	5,000	0	50,000	0	23,750	541,250	3,521,250	192,969	734,219	
2032	462,500	5,000	0	50,000	0	23,750	541,250	2,980,000	167,260	708,510	
2033	462,500	5,000	0	50,000	0	23,750	541,250	2,438,750	141,550	682,800	
2034	462,500	5,000	0	50,000	0	23,750	541,250	1,897,500	115,841	657,091	
2035	462,500	5,000	0	50,000	0	23,750	541,250	1,356,250	90,131	631,381	
2036	462,500	5,000	0	50,000	0	23,750	541,250	815,000	64,423	605,673	
2037	462,500	5,000	0	50,000	0	23,750	541,250	273,750	38,713	579,963	
2038		5,000	0	50,000	0	23,750	78,750	195,000	13,004	91,754	
2039			0	50,000	0	23,750	73,750	121,250	9,263	83,013	
2040				50,000	0	23,750	73,750	47,500	5,759	79,509	
2041					0	23,750	23,750	23,750	2,256	26,006	
2042						23,750	23,750	0	1,128	24,878	
Totals	9,250,000	100,000	0	1,000,000	0	475,000	10,825,000		5,656,071	16,481,071	
Var	0	0	0	0	0	0	0				
Sewer											
Fiscal Yr	750,000 Yr 1	750,000 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer	
2017							0	750,000	16,875	16,875	
2018	50,000						50,000	1,450,000	50,625	100,625	
2019	50,000	50,000					100,000	1,350,000	65,250	165,250	
2020	50,000	50,000	0				100,000	1,250,000	60,750	160,750	
2021	50,000	50,000	0	0			100,000	1,150,000	56,250	156,250	
2022	50,000	50,000	0	0	0		100,000	1,050,000	51,750	151,750	
2023	50,000	50,000	0	0	0	0	100,000	950,000	47,250	147,250	
2024	50,000	50,000	0	0	0	0	100,000	850,000	42,750	142,750	
2025	50,000	50,000	0	0	0	0	100,000	750,000	38,250	138,250	
2026	50,000	50,000	0	0	0	0	100,000	650,000	33,750	133,750	
2027	50,000	50,000	0	0	0	0	100,000	550,000	29,250	129,250	
2028	50,000	50,000	0	0	0	0	100,000	450,000	24,750	124,750	
2029	50,000	50,000	0	0	0	0	100,000	350,000	20,250	120,250	
2030	50,000	50,000	0	0	0	0	100,000	250,000	15,750	115,750	
2031	50,000	50,000	0	0	0	0	100,000	150,000	11,250	111,250	
2032	50,000	50,000	0	0	0	0	100,000	50,000	6,750	106,750	
2033	0	50,000	0	0	0	0	50,000	0	2,250	52,250	
2034	0	0	0	0	0	0	0	0	0	0	
2035	0	0	0	0	0	0	0	0	0	0	
2036	0	0	0	0	0	0	0	0	0	0	
2037	0	0	0	0	0	0	0	0	0	0	
2038		0	0	0	0	0	0	0	0	0	
2039			0	0	0	0	0	0	0	0	
2040				0	0	0	0	0	0	0	
2041					0	0	0	0	0	0	
2042						0	0	0	0	0	
Totals	750,000	750,000	0	0	0	0	1,500,000		573,750	2,073,750	
Var	0	0	0	0	0	0	0				

Capital Improvements Program - FY2018-2023
Amortization Schedules - All

Other											
Fiscal Yr	800,000 Yr 1	0 Yr 2	0 Yr 3	3,112,500 Yr 4	3,400,000 Yr 5	1,000,000 Yr 6	Total Other	Princ Bal Other	Interest	Total DS Other	
2017							0	800,000	19,000	19,000	
2018	40,000						40,000	760,000	38,000	78,000	
2019	40,000	0					40,000	720,000	36,100	76,100	
2020	40,000	0	0				40,000	3,792,500	108,122	148,122	
2021	40,000	0	0	155,625			195,625	6,996,875	260,894	456,519	
2022	40,000	0	0	155,625	170,000		365,625	7,631,250	356,102	721,727	
2023	40,000	0	0	155,625	170,000	50,000	415,625	7,215,625	362,484	778,109	
2024	40,000	0	0	155,625	170,000	50,000	415,625	6,800,000	342,742	758,367	
2025	40,000	0	0	155,625	170,000	50,000	415,625	6,384,375	323,000	738,625	
2026	40,000	0	0	155,625	170,000	50,000	415,625	5,968,750	303,258	718,883	
2027	40,000	0	0	155,625	170,000	50,000	415,625	5,553,125	283,516	699,141	
2028	40,000	0	0	155,625	170,000	50,000	415,625	5,137,500	263,773	679,398	
2029	40,000	0	0	155,625	170,000	50,000	415,625	4,721,875	244,031	659,656	
2030	40,000	0	0	155,625	170,000	50,000	415,625	4,306,250	224,289	639,914	
2031	40,000	0	0	155,625	170,000	50,000	415,625	3,890,625	204,547	620,172	
2032	40,000	0	0	155,625	170,000	50,000	415,625	3,475,000	184,805	600,430	
2033	40,000	0	0	155,625	170,000	50,000	415,625	3,059,375	165,063	580,688	
2034	40,000	0	0	155,625	170,000	50,000	415,625	2,643,750	145,320	560,945	
2035	40,000	0	0	155,625	170,000	50,000	415,625	2,228,125	125,578	541,203	
2036	40,000	0	0	155,625	170,000	50,000	415,625	1,812,500	105,836	521,461	
2037	40,000	0	0	155,625	170,000	50,000	415,625	1,396,875	86,094	501,719	
2038		0	0	155,625	170,000	50,000	375,625	1,021,250	66,352	441,977	
2039			0	155,625	170,000	50,000	375,625	645,625	48,509	424,134	
2040				155,625	170,000	50,000	375,625	270,000	30,667	406,292	
2041					170,000	50,000	220,000	50,000	12,825	232,825	
2042						50,000	50,000	0	2,375	52,375	
Totals	800,000	0	0	3,112,500	3,400,000	1,000,000	8,312,500		4,343,282	12,655,782	
	0	0	0	0	0	0	0				

Capital Improvements Program - FY2018-2023
Amortization Schedules - Authorized Projects 15 Year

Water											
Fiscal Yr	1,650,000 Yr 1	2,200,000 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Water	Princ Bal Water	Interest	Total DS Water	
2017							0	1,650,000	37,125	37,125	
2018	110,000						110,000	3,740,000	123,750	233,750	
2019	110,000	146,667					256,667	3,483,333	168,300	424,967	
2020	110,000	146,667	0				256,667	3,226,666	156,750	413,417	
2021	110,000	146,667	0	0			256,667	2,969,999	145,200	401,867	
2022	110,000	146,667	0	0	0		256,667	2,713,332	133,650	390,317	
2023	110,000	146,667	0	0	0	0	256,667	2,456,665	122,100	378,767	
2024	110,000	146,667	0	0	0	0	256,667	2,199,998	110,550	367,217	
2025	110,000	146,667	0	0	0	0	256,667	1,943,331	99,000	355,667	
2026	110,000	146,667	0	0	0	0	256,667	1,686,664	87,450	344,117	
2027	110,000	146,667	0	0	0	0	256,667	1,429,997	75,900	332,567	
2028	110,000	146,667	0	0	0	0	256,667	1,173,330	64,350	321,017	
2029	110,000	146,667	0	0	0	0	256,667	916,663	52,800	309,467	
2030	110,000	146,667	0	0	0	0	256,667	659,996	41,250	297,917	
2031	110,000	146,667	0	0	0	0	256,667	403,329	29,700	286,367	
2032	110,000	146,667	0	0	0	0	256,667	146,662	18,150	274,817	
2033		146,662	0	0	0	0	146,662	0	6,600	153,262	
2034			0	0	0	0	0	0	0	0	0
2035				0	0	0	0	0	0	0	0
2036					0	0	0	0	0	0	0
2037						0	0	0	0	0	0
2038							0	0	0	0	0
2039							0	0	0	0	0
2040							0	0	0	0	0
2041							0	0	0	0	0
2042							0	0	0	0	0
Totals	1,650,000	2,200,000	0	0	0	0	3,850,000		1,472,625	5,322,625	
Var	0	0	0	0	0	0	0				
Sewer											
Fiscal Yr	2,400,000 Yr 1	0 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer	
2017							0	2,400,000	54,000	54,000	
2018	160,000						160,000	2,240,000	108,000	268,000	
2019	160,000	0					160,000	2,080,000	100,800	260,800	
2020	160,000	0	0				160,000	1,920,000	93,600	253,600	
2021	160,000	0	0	0			160,000	1,760,000	86,400	246,400	
2022	160,000	0	0	0	0		160,000	1,600,000	79,200	239,200	
2023	160,000	0	0	0	0	0	160,000	1,440,000	72,000	232,000	
2024	160,000	0	0	0	0	0	160,000	1,280,000	64,800	224,800	
2025	160,000	0	0	0	0	0	160,000	1,120,000	57,600	217,600	
2026	160,000	0	0	0	0	0	160,000	960,000	50,400	210,400	
2027	160,000	0	0	0	0	0	160,000	800,000	43,200	203,200	
2028	160,000	0	0	0	0	0	160,000	640,000	36,000	196,000	
2029	160,000	0	0	0	0	0	160,000	480,000	28,800	188,800	
2030	160,000	0	0	0	0	0	160,000	320,000	21,600	181,600	
2031	160,000	0	0	0	0	0	160,000	160,000	14,400	174,400	
2032	160,000	0	0	0	0	0	160,000	0	7,200	167,200	
2033		0	0	0	0	0	0	0	0	0	0
2034			0	0	0	0	0	0	0	0	0
2035				0	0	0	0	0	0	0	0
2036					0	0	0	0	0	0	0
2037						0	0	0	0	0	0
2038							0	0	0	0	0
2039							0	0	0	0	0
2040							0	0	0	0	0
2041							0	0	0	0	0
2042							0	0	0	0	0
Totals	2,400,000	0	0	0	0	0	2,400,000		918,000	3,318,000	
Var	0	0	0	0	0	0	0				

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City Departments								End of FY			Rate
	12,517,525	1,700,000	0	0	0	0	Total	Princ Bal		Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	City Depts	City Depts	Interest	City Depts	
2017							0	12,517,525	297,291	297,291	
2018	625,876	0					625,876	13,591,649	634,957	1,260,833	
2019	625,876	85,000	0	0			710,876	12,880,773	645,603	1,356,479	
2020	625,876	85,000	0	0			710,876	12,169,897	611,837	1,322,713	
2021	625,876	85,000	0	0	0		710,876	11,459,021	578,070	1,288,946	
2022	625,876	85,000	0	0	0	0	710,876	10,748,145	544,304	1,255,180	
2023	625,876	85,000	0	0	0	0	710,876	10,037,269	510,537	1,221,413	
2024	625,876	85,000	0	0	0	0	710,876	9,326,393	476,771	1,187,647	
2025	625,876	85,000	0	0	0	0	710,876	8,615,517	443,004	1,153,880	
2026	625,876	85,000	0	0	0	0	710,876	7,904,641	409,238	1,120,114	
2027	625,876	85,000	0	0	0	0	710,876	7,193,765	375,470	1,086,346	
2028	625,876	85,000	0	0	0	0	710,876	6,482,889	341,704	1,052,580	
2029	625,876	85,000	0	0	0	0	710,876	5,772,013	307,937	1,018,813	
2030	625,876	85,000	0	0	0	0	710,876	5,061,137	274,171	985,047	
2031	625,876	85,000	0	0	0	0	710,876	4,350,261	240,404	951,280	
2032	625,876	85,000	0	0	0	0	710,876	3,639,385	206,638	917,514	
2033	625,876	85,000	0	0	0	0	710,876	2,928,509	172,871	883,747	
2034	625,876	85,000	0	0	0	0	710,876	2,217,633	139,105	849,981	
2035	625,876	85,000	0	0	0	0	710,876	1,506,757	105,338	816,214	
2036	625,876	85,000	0	0	0	0	710,876	795,881	71,571	782,447	
2037	625,881	85,000	0	0	0	0	710,881	85,000	37,804	748,685	
2038		85,000	0	0	0	0	85,000	0	4,038	89,038	
2039			0	0	0	0	0	0	0	0	
2040				0	0	0	0	0	0	0	
2041					0	0	0	0	0	0	
2042						0	0	0	0	0	
Totals	12,517,525	1,700,000	0	0	0	0	14,217,525		7,428,663	21,646,188	
Var	0	0	0	0	0	0	0				
School											
	0	6,900,000	0	0	0	0	Total Princ	Princ Bal		Total DS	
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School	Interest	School	
2017							0	0	0	0	
2018	0						0	6,900,000	163,875	163,875	
2019	0	345,000					345,000	6,555,000	327,750	672,750	
2020	0	345,000	0				345,000	6,210,000	311,363	656,363	
2021	0	345,000	0	0			345,000	5,865,000	294,975	639,975	
2022	0	345,000	0	0	0		345,000	5,520,000	278,588	623,588	
2023	0	345,000	0	0	0	0	345,000	5,175,000	262,200	607,200	
2024	0	345,000	0	0	0	0	345,000	4,830,000	245,813	590,813	
2025	0	345,000	0	0	0	0	345,000	4,485,000	229,425	574,425	
2026	0	345,000	0	0	0	0	345,000	4,140,000	213,038	558,038	
2027	0	345,000	0	0	0	0	345,000	3,795,000	196,650	541,650	
2028	0	345,000	0	0	0	0	345,000	3,450,000	180,263	525,263	
2029	0	345,000	0	0	0	0	345,000	3,105,000	163,875	508,875	
2030	0	345,000	0	0	0	0	345,000	2,760,000	147,488	492,488	
2031	0	345,000	0	0	0	0	345,000	2,415,000	131,100	476,100	
2032	0	345,000	0	0	0	0	345,000	2,070,000	114,713	459,713	
2033	0	345,000	0	0	0	0	345,000	1,725,000	98,325	443,325	
2034	0	345,000	0	0	0	0	345,000	1,380,000	81,938	426,938	
2035	0	345,000	0	0	0	0	345,000	1,035,000	65,550	410,550	
2036	0	345,000	0	0	0	0	345,000	690,000	49,163	394,163	
2037	0	345,000	0	0	0	0	345,000	345,000	32,775	377,775	
2038	0	345,000	0	0	0	0	345,000	0	16,388	361,388	
2039	0		0	0	0	0	0	0	0	0	
2040	0			0	0	0	0	0	0	0	
2041	0				0	0	0	0	0	0	
2042	0					0	0	0	0	0	
Totals	0	6,900,000	0	0	0	0	6,900,000		3,605,255	10,505,255	
Var	0	0	0	0	0	0	0	21,117,525 Tot GF			

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Water											
Fiscal Yr	8,500,000 Yr 1	0 Yr 2	10,400,000 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Water	Princ Bal Water	Interest	Total DS Water	
2017								0	8,500,000	201,875	201,875
2018	425,000						425,000	8,075,000	403,750	828,750	
2019	425,000	0					425,000	18,050,000	630,563	1,055,563	
2020	425,000	0	520,000				945,000	17,105,000	857,375	1,802,375	
2021	425,000	0	520,000	0			945,000	16,160,000	812,488	1,757,488	
2022	425,000	0	520,000	0	0		945,000	15,215,000	767,600	1,712,600	
2023	425,000	0	520,000	0	0	0	945,000	14,270,000	722,713	1,667,713	
2024	425,000	0	520,000	0	0	0	945,000	13,325,000	677,825	1,622,825	
2025	425,000	0	520,000	0	0	0	945,000	12,380,000	632,938	1,577,938	
2026	425,000	0	520,000	0	0	0	945,000	11,435,000	588,050	1,533,050	
2027	425,000	0	520,000	0	0	0	945,000	10,490,000	543,163	1,488,163	
2028	425,000	0	520,000	0	0	0	945,000	9,545,000	498,275	1,443,275	
2029	425,000	0	520,000	0	0	0	945,000	8,600,000	453,388	1,398,388	
2030	425,000	0	520,000	0	0	0	945,000	7,655,000	408,500	1,353,500	
2031	425,000	0	520,000	0	0	0	945,000	6,710,000	363,613	1,308,613	
2032	425,000	0	520,000	0	0	0	945,000	5,765,000	318,725	1,263,725	
2033	425,000	0	520,000	0	0	0	945,000	4,820,000	273,838	1,218,838	
2034	425,000	0	520,000	0	0	0	945,000	3,875,000	228,950	1,173,950	
2035	425,000	0	520,000	0	0	0	945,000	2,930,000	184,063	1,129,063	
2036	425,000	0	520,000	0	0	0	945,000	1,985,000	139,175	1,084,175	
2037	425,000	0	520,000	0	0	0	945,000	1,040,000	94,288	1,039,288	
2038		0	520,000	0	0	0	520,000	520,000	49,400	569,400	
2039			520,000	0	0	0	520,000	0	24,700	544,700	
2040				0	0	0	0	0	0	0	0
2041					0	0	0	0	0	0	0
2042						0	0	0	0	0	0
Totals	8,500,000	0	10,400,000	0	0	0	18,900,000		9,875,255	28,775,255	
Var	0	0	0	0	0	0	0				
Sewer											
Fiscal Yr	12,385,000 Yr 1	0 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer	
2017								0	12,385,000	294,144	294,144
2018	619,250						619,250	11,765,750	588,288	1,207,538	
2019	619,250	0					619,250	11,146,500	558,873	1,178,123	
2020	619,250	0	0				619,250	10,527,250	529,459	1,148,709	
2021	619,250	0	0	0			619,250	9,908,000	500,044	1,119,294	
2022	619,250	0	0	0	0		619,250	9,288,750	470,630	1,089,880	
2023	619,250	0	0	0	0	0	619,250	8,669,500	441,216	1,060,466	
2024	619,250	0	0	0	0	0	619,250	8,050,250	411,801	1,031,051	
2025	619,250	0	0	0	0	0	619,250	7,431,000	382,387	1,001,637	
2026	619,250	0	0	0	0	0	619,250	6,811,750	352,973	972,223	
2027	619,250	0	0	0	0	0	619,250	6,192,500	323,558	942,808	
2028	619,250	0	0	0	0	0	619,250	5,573,250	294,144	913,394	
2029	619,250	0	0	0	0	0	619,250	4,954,000	264,729	883,979	
2030	619,250	0	0	0	0	0	619,250	4,334,750	235,315	854,565	
2031	619,250	0	0	0	0	0	619,250	3,715,500	205,901	825,151	
2032	619,250	0	0	0	0	0	619,250	3,096,250	176,486	795,736	
2033	619,250	0	0	0	0	0	619,250	2,477,000	147,072	766,322	
2034	619,250	0	0	0	0	0	619,250	1,857,750	117,658	736,908	
2035	619,250	0	0	0	0	0	619,250	1,238,500	88,243	707,493	
2036	619,250	0	0	0	0	0	619,250	619,250	58,829	678,079	
2037	619,250	0	0	0	0	0	619,250	0	29,414	648,664	
2038		0	0	0	0	0	0	0	0	0	0
2039			0	0	0	0	0	0	0	0	0
2040				0	0	0	0	0	0	0	0
2041					0	0	0	0	0	0	0
2042						0	0	0	0	0	0
Totals	12,385,000	0	0	0	0	0	12,385,000		6,471,164	18,856,164	
Var	0	0	0	0	0	0	0				

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Arena													
Fiscal Yr	0	0	0	0	0	0	0	0	Total	Princ Bal	Interest	Total DS	
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6		Arena	Arena			Arena	
2017								0	0	0	0	0	0
2018	0							0	0	0	0	0	0
2019	0	0						0	0	0	0	0	0
2020	0	0	0					0	0	0	0	0	0
2021	0	0	0	0				0	0	0	0	0	0
2022	0	0	0	0	0			0	0	0	0	0	0
2023	0	0	0	0	0	0		0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0	0	0	0	0	0
2038		0	0	0	0	0	0	0	0	0	0	0	0
2039			0	0	0	0	0	0	0	0	0	0	0
2040				0	0	0	0	0	0	0	0	0	0
2041					0	0	0	0	0	0	0	0	0
2042						0	0	0	0	0	0	0	0
Totals	0	0	0	0	0	0	0	0	0			0	0
	0	0	0	0	0	0	0						
DIDA													
Fiscal Yr	2,450,000	0	0	0	0	0	0	Total	Princ Bal	Interest	Total DS		
	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6		DIDA	DIDA		DIDA		
2017								0	2,450,000	58,188	58,188		
2018	122,500							122,500	2,327,500	116,375	238,875		
2019	122,500	0						122,500	2,205,000	110,556	233,056		
2020	122,500	0	0					122,500	2,082,500	104,738	227,238		
2021	122,500	0	0	0				122,500	1,960,000	98,919	221,419		
2022	122,500	0	0	0	0			122,500	1,837,500	93,100	215,600		
2023	122,500	0	0	0	0	0		122,500	1,715,000	87,281	209,781		
2024	122,500	0	0	0	0	0	0	122,500	1,592,500	81,463	203,963		
2025	122,500	0	0	0	0	0	0	122,500	1,470,000	75,644	198,144		
2026	122,500	0	0	0	0	0	0	122,500	1,347,500	69,825	192,325		
2027	122,500	0	0	0	0	0	0	122,500	1,225,000	64,006	186,506		
2028	122,500	0	0	0	0	0	0	122,500	1,102,500	58,188	180,688		
2029	122,500	0	0	0	0	0	0	122,500	980,000	52,369	174,869		
2030	122,500	0	0	0	0	0	0	122,500	857,500	46,550	169,050		
2031	122,500	0	0	0	0	0	0	122,500	735,000	40,731	163,231		
2032	122,500	0	0	0	0	0	0	122,500	612,500	34,913	157,413		
2033	122,500	0	0	0	0	0	0	122,500	490,000	29,094	151,594		
2034	122,500	0	0	0	0	0	0	122,500	367,500	23,275	145,775		
2035	122,500	0	0	0	0	0	0	122,500	245,000	17,456	139,956		
2036	122,500	0	0	0	0	0	0	122,500	122,500	11,638	134,138		
2037	122,500	0	0	0	0	0	0	122,500	0	5,819	128,319		
2038		0	0	0	0	0	0	0	0	0	0		0
2039			0	0	0	0	0	0	0	0	0		0
2040				0	0	0	0	0	0	0	0		0
2041					0	0	0	0	0	0	0		0
2042						0	0	0	0	0	0		0
Totals	2,450,000	0	0	0	0	0	0	2,450,000		1,280,128	3,730,128		
	0	0	0	0	0	0	0						

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Other	2,710,765	300,000	0	0	0	0	0	0	Princ Bal	Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Other	Other	Interest	Other
2017							0	2,710,765	64,381	64,381
2018	135,538						135,538	2,875,227	135,886	271,424
2019	135,538	15,000					150,538	2,724,689	136,573	287,111
2020	135,538	15,000	0				150,538	2,574,151	129,423	279,961
2021	135,538	15,000	0	0			150,538	2,423,613	122,272	272,810
2022	135,538	15,000	0	0	0		150,538	2,273,075	115,122	265,660
2023	135,538	15,000	0	0	0	0	150,538	2,122,537	107,971	258,509
2024	135,538	15,000	0	0	0	0	150,538	1,971,999	100,821	251,359
2025	135,538	15,000	0	0	0	0	150,538	1,821,461	93,670	244,208
2026	135,538	15,000	0	0	0	0	150,538	1,670,923	86,520	237,058
2027	135,538	15,000	0	0	0	0	150,538	1,520,385	79,369	229,907
2028	135,538	15,000	0	0	0	0	150,538	1,369,847	72,219	222,757
2029	135,538	15,000	0	0	0	0	150,538	1,219,309	65,068	215,606
2030	135,538	15,000	0	0	0	0	150,538	1,068,771	57,918	208,456
2031	135,538	15,000	0	0	0	0	150,538	918,233	50,767	201,305
2032	135,538	15,000	0	0	0	0	150,538	767,695	43,617	194,155
2033	135,538	15,000	0	0	0	0	150,538	617,157	36,466	187,004
2034	135,538	15,000	0	0	0	0	150,538	466,619	29,315	179,853
2035	135,538	15,000	0	0	0	0	150,538	316,081	22,164	172,702
2036	135,538	15,000	0	0	0	0	150,538	165,543	15,014	165,552
2037	135,543	15,000	0	0	0	0	150,543	15,000	7,863	158,406
2038		15,000	0	0	0	0	15,000	0	713	15,713
2039			0	0	0	0	0	0	0	0
2040				0	0	0	0	0	0	0
2041					0	0	0	0	0	0
2042						0	0	0	0	0
Totals	2,710,765	300,000	0	0	0	0	3,010,765		1,573,132	4,583,897
	0	0	0	0	0	0	0			

Capital Improvements Program - FY2018-2023
Amortization Schedules - All Authorized Projects

City Departments								End of FY			Rate
	12,517,525	1,700,000	0	0	0	0	0 Total	Princ Bal		Total DS	
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	City Depts	City Depts	Interest	City Depts	
2017	0						0	12,517,525	297,291	297,291	
2018	625,876	0					625,876	13,591,649	634,957	1,260,833	
2019	625,876	85,000	0				710,876	12,880,773	645,603	1,356,479	
2020	625,876	85,000	0	0			710,876	12,169,897	611,837	1,322,713	
2021	625,876	85,000	0	0	0		710,876	11,459,021	578,070	1,288,946	
2022	625,876	85,000	0	0	0	0	0	710,876	10,748,145	544,304	
2023	625,876	85,000	0	0	0	0	0	710,876	10,037,269	510,537	
2024	625,876	85,000	0	0	0	0	0	710,876	9,326,393	476,771	
2025	625,876	85,000	0	0	0	0	0	710,876	8,615,517	443,004	
2026	625,876	85,000	0	0	0	0	0	710,876	7,904,641	409,238	
2027	625,876	85,000	0	0	0	0	0	710,876	7,193,765	375,470	
2028	625,876	85,000	0	0	0	0	0	710,876	6,482,889	341,704	
2029	625,876	85,000	0	0	0	0	0	710,876	5,772,013	307,937	
2030	625,876	85,000	0	0	0	0	0	710,876	5,061,137	274,171	
2031	625,876	85,000	0	0	0	0	0	710,876	4,350,261	240,404	
2032	625,876	85,000	0	0	0	0	0	710,876	3,639,385	206,638	
2033	625,876	85,000	0	0	0	0	0	710,876	2,928,509	172,871	
2034	625,876	85,000	0	0	0	0	0	710,876	2,217,633	139,105	
2035	625,876	85,000	0	0	0	0	0	710,876	1,506,757	105,338	
2036	625,876	85,000	0	0	0	0	0	710,876	795,881	71,571	
2037	625,881	85,000	0	0	0	0	0	710,881	85,000	37,804	
2038		85,000	0	0	0	0	0	85,000	0	4,038	
2039			0	0	0	0	0	0	0	0	
2040				0	0	0	0	0	0	0	
2041					0	0	0	0	0	0	
2042						0	0	0	0	0	
Totals	12,517,525	1,700,000	0	0	0	0	0	14,217,525	7,428,663	21,646,188	
Var	0	0	0	0	0	0	0				
School											
	0	6,900,000	0	0	0	0	0 Total Princ	Princ Bal		Total DS	
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School	Interest	School	
2017							0	0	0	0	
2018	0						0	6,900,000	163,875	163,875	
2019	0	345,000					345,000	6,555,000	327,750	672,750	
2020	0	345,000	0				345,000	6,210,000	311,363	656,363	
2021	0	345,000	0	0			345,000	5,865,000	294,975	639,975	
2022	0	345,000	0	0	0		345,000	5,520,000	278,588	623,588	
2023	0	345,000	0	0	0	0	0	345,000	5,175,000	262,200	
2024	0	345,000	0	0	0	0	0	345,000	4,830,000	245,813	
2025	0	345,000	0	0	0	0	0	345,000	4,485,000	229,425	
2026	0	345,000	0	0	0	0	0	345,000	4,140,000	213,038	
2027	0	345,000	0	0	0	0	0	345,000	3,795,000	196,650	
2028	0	345,000	0	0	0	0	0	345,000	3,450,000	180,263	
2029	0	345,000	0	0	0	0	0	345,000	3,105,000	163,875	
2030	0	345,000	0	0	0	0	0	345,000	2,760,000	147,488	
2031	0	345,000	0	0	0	0	0	345,000	2,415,000	131,100	
2032	0	345,000	0	0	0	0	0	345,000	2,070,000	114,713	
2033	0	345,000	0	0	0	0	0	345,000	1,725,000	98,325	
2034	0	345,000	0	0	0	0	0	345,000	1,380,000	81,938	
2035	0	345,000	0	0	0	0	0	345,000	1,035,000	65,550	
2036	0	345,000	0	0	0	0	0	345,000	690,000	49,163	
2037	0	345,000	0	0	0	0	0	345,000	345,000	32,775	
2038	0	345,000	0	0	0	0	0	345,000	0	16,388	
2039	0		0	0	0	0	0	0	0	0	
2040	0			0	0	0	0	0	0	0	
2041	0				0	0	0	0	0	0	
2042	0					0	0	0	0	0	
Totals	0	6,900,000	0	0	0	0	0	6,900,000	3,605,255	10,505,255	
Var	0	0	0	0	0	0	0	21,117,525	Tot GF		

Capital Improvements Program - FY2018-2023
Amortization Schedules - All Authorized Projects

Water											
Fiscal Yr	10,150,000 Yr1	2,200,000 Yr 2	10,400,000 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Water	Princ Bal Water	Interest	Total DS Water	
2017							0	10,150,000	239,000	239,000	
2018	535,000						535,000	11,815,000	527,500	1,062,500	
2019	535,000	146,667					681,667	21,533,333	798,863	1,480,530	
2020	535,000	146,667	520,000				1,201,667	20,331,666	1,014,125	2,215,792	
2021	535,000	146,667	520,000	0			1,201,667	19,129,999	957,688	2,159,355	
2022	535,000	146,667	520,000	0	0		1,201,667	17,928,332	901,250	2,102,917	
2023	535,000	146,667	520,000	0	0	0	1,201,667	16,726,665	844,813	2,046,480	
2024	535,000	146,667	520,000	0	0	0	1,201,667	15,524,998	788,375	1,990,042	
2025	535,000	146,667	520,000	0	0	0	1,201,667	14,323,331	731,938	1,933,605	
2026	535,000	146,667	520,000	0	0	0	1,201,667	13,121,664	675,500	1,877,167	
2027	535,000	146,667	520,000	0	0	0	1,201,667	11,919,997	619,063	1,820,730	
2028	535,000	146,667	520,000	0	0	0	1,201,667	10,718,330	562,625	1,764,292	
2029	535,000	146,667	520,000	0	0	0	1,201,667	9,516,663	506,188	1,707,855	
2030	535,000	146,667	520,000	0	0	0	1,201,667	8,314,996	449,750	1,651,417	
2031	535,000	146,667	520,000	0	0	0	1,201,667	7,113,329	393,313	1,594,980	
2032	535,000	146,667	520,000	0	0	0	1,201,667	5,911,662	336,875	1,538,542	
2033	425,000	146,662	520,000	0	0	0	1,091,662	4,820,000	280,438	1,372,100	
2034	425,000	0	520,000	0	0	0	945,000	3,875,000	228,950	1,173,950	
2035	425,000	0	520,000	0	0	0	945,000	2,930,000	184,063	1,129,063	
2036	425,000	0	520,000	0	0	0	945,000	1,985,000	139,175	1,084,175	
2037	425,000	0	520,000	0	0	0	945,000	1,040,000	94,288	1,039,288	
2038		0	520,000	0	0	0	520,000	520,000	49,400	569,400	
2039			520,000	0	0	0	520,000	0	24,700	544,700	
2040				0	0	0	0	0	0	0	
2041					0	0	0	0	0	0	
2042						0	0	0	0	0	
Totals	10,150,000	2,200,000	10,400,000	0	0	0	22,750,000		11,347,880	34,097,880	
Var	0	0	0	0	0	0	0				
Sewer											
Fiscal Yr	14,785,000 Yr1	0 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer	
2017							0	14,785,000	348,144	348,144	
2018	779,250						779,250	14,005,750	696,288	1,475,538	
2019	779,250	0					779,250	13,226,500	659,673	1,438,923	
2020	779,250	0	0				779,250	12,447,250	623,059	1,402,309	
2021	779,250	0	0	0			779,250	11,668,000	586,444	1,365,694	
2022	779,250	0	0	0	0		779,250	10,888,750	549,830	1,329,080	
2023	779,250	0	0	0	0	0	779,250	10,109,500	513,216	1,292,466	
2024	779,250	0	0	0	0	0	779,250	9,330,250	476,601	1,255,851	
2025	779,250	0	0	0	0	0	779,250	8,551,000	439,987	1,219,237	
2026	779,250	0	0	0	0	0	779,250	7,771,750	403,373	1,182,623	
2027	779,250	0	0	0	0	0	779,250	6,992,500	366,758	1,146,008	
2028	779,250	0	0	0	0	0	779,250	6,213,250	330,144	1,109,394	
2029	779,250	0	0	0	0	0	779,250	5,434,000	293,529	1,072,779	
2030	779,250	0	0	0	0	0	779,250	4,654,750	256,915	1,036,165	
2031	779,250	0	0	0	0	0	779,250	3,875,500	220,301	999,551	
2032	779,250	0	0	0	0	0	779,250	3,096,250	183,686	962,936	
2033	619,250	0	0	0	0	0	619,250	2,477,000	147,072	766,322	
2034	619,250	0	0	0	0	0	619,250	1,857,750	117,658	736,908	
2035	619,250	0	0	0	0	0	619,250	1,238,500	88,243	707,493	
2036	619,250	0	0	0	0	0	619,250	619,250	58,829	678,079	
2037	619,250	0	0	0	0	0	619,250	0	29,414	648,664	
2038		0	0	0	0	0	0	0	0	0	
2039			0	0	0	0	0	0	0	0	
2040				0	0	0	0	0	0	0	
2041					0	0	0	0	0	0	
2042						0	0	0	0	0	
Totals	14,785,000	0	0	0	0	0	14,785,000		7,389,164	22,174,164	
Var	0	0	0	0	0	0	0				

Capital Improvements Program - FY2018-2023
Amortization Schedules - All Authorized Projects

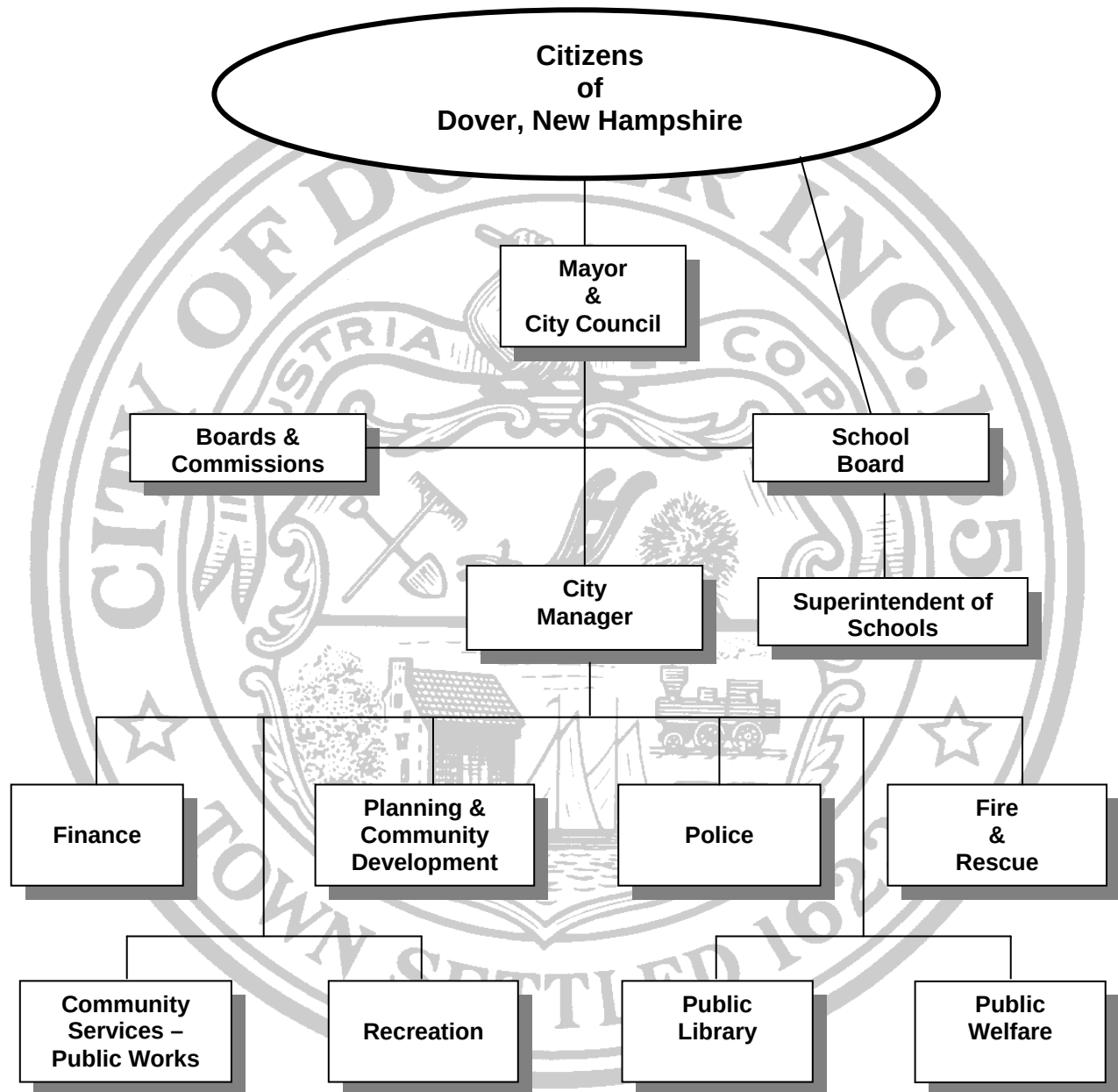
Arena												
Fiscal Yr	0 Yr1	0 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total Arena	Princ Bal Arena	Interest	Total DS Arena		
2017							0	0	0	0		
2018	0						0	0	0	0		
2019	0	0					0	0	0	0		
2020	0	0	0				0	0	0	0		
2021	0	0	0	0			0	0	0	0		
2022	0	0	0	0	0		0	0	0	0		
2023	0	0	0	0	0	0	0	0	0	0		
2024	0	0	0	0	0	0	0	0	0	0		
2025	0	0	0	0	0	0	0	0	0	0		
2026	0	0	0	0	0	0	0	0	0	0		
2027	0	0	0	0	0	0	0	0	0	0		
2028	0	0	0	0	0	0	0	0	0	0		
2029	0	0	0	0	0	0	0	0	0	0		
2030	0	0	0	0	0	0	0	0	0	0		
2031	0	0	0	0	0	0	0	0	0	0		
2032	0	0	0	0	0	0	0	0	0	0		
2033	0	0	0	0	0	0	0	0	0	0		
2034	0	0	0	0	0	0	0	0	0	0		
2035	0	0	0	0	0	0	0	0	0	0		
2036	0	0	0	0	0	0	0	0	0	0		
2037	0	0	0	0	0	0	0	0	0	0		
2038		0	0	0	0	0	0	0	0	0		
2039			0	0	0	0	0	0	0	0		
2040				0	0	0	0	0	0	0		
2041					0	0	0	0	0	0		
2042						0	0	0	0	0		
Totals	0	0	0	0	0	0	0	0		0		
	0	0	0	0	0	0	0					
DIDA												
Fiscal Yr	2,450,000 Yr1	0 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	0 Total DIDA	Princ Bal DIDA	Interest	Total DS DIDA		
2017							0	2,450,000	58,188	58,188		
2018	122,500						122,500	2,327,500	116,375	238,875		
2019	122,500	0					122,500	2,205,000	110,556	233,056		
2020	122,500	0	0				122,500	2,082,500	104,738	227,238		
2021	122,500	0	0	0			122,500	1,960,000	98,919	221,419		
2022	122,500	0	0	0	0		122,500	1,837,500	93,100	215,600		
2023	122,500	0	0	0	0	0	122,500	1,715,000	87,281	209,781		
2024	122,500	0	0	0	0	0	122,500	1,592,500	81,463	203,963		
2025	122,500	0	0	0	0	0	122,500	1,470,000	75,644	198,144		
2026	122,500	0	0	0	0	0	122,500	1,347,500	69,825	192,325		
2027	122,500	0	0	0	0	0	122,500	1,225,000	64,006	186,506		
2028	122,500	0	0	0	0	0	122,500	1,102,500	58,188	180,688		
2029	122,500	0	0	0	0	0	122,500	980,000	52,369	174,869		
2030	122,500	0	0	0	0	0	122,500	857,500	46,550	169,050		
2031	122,500	0	0	0	0	0	122,500	735,000	40,731	163,231		
2032	122,500	0	0	0	0	0	122,500	612,500	34,913	157,413		
2033	122,500	0	0	0	0	0	122,500	490,000	29,094	151,594		
2034	122,500	0	0	0	0	0	122,500	367,500	23,275	145,775		
2035	122,500	0	0	0	0	0	122,500	245,000	17,456	139,956		
2036	122,500	0	0	0	0	0	122,500	122,500	11,638	134,138		
2037	122,500	0	0	0	0	0	122,500	0	5,819	128,319		
2038		0	0	0	0	0	0	0	0	0		
2039			0	0	0	0	0	0	0	0		
2040				0	0	0	0	0	0	0		
2041					0	0	0	0	0	0		
2042						0	0	0	0	0		
Totals	2,450,000	0	0	0	0	0	2,450,000		1,280,128	3,730,128		
	0	0	0	0	0	0	0					

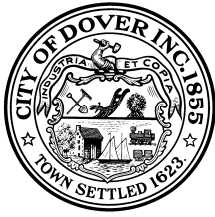
Capital Improvements Program - FY2018-2023
Amortization Schedules - All Authorized Projects

Other	2,710,765	300,000	0	0	0	0	0	Total	Princ Bal	Interest	Total DS
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Other	Other	Other	Other	Other
2017								0	2,710,765	64,381	64,381
2018	135,538						135,538	2,875,227	135,886	271,424	
2019	135,538	15,000					150,538	2,724,689	136,573	287,111	
2020	135,538	15,000	0				150,538	2,574,151	129,423	279,961	
2021	135,538	15,000	0	0			150,538	2,423,613	122,272	272,810	
2022	135,538	15,000	0	0	0		150,538	2,273,075	115,122	265,660	
2023	135,538	15,000	0	0	0	0	150,538	2,122,537	107,971	258,509	
2024	135,538	15,000	0	0	0	0	150,538	1,971,999	100,821	251,359	
2025	135,538	15,000	0	0	0	0	150,538	1,821,461	93,670	244,208	
2026	135,538	15,000	0	0	0	0	150,538	1,670,923	86,520	237,058	
2027	135,538	15,000	0	0	0	0	150,538	1,520,385	79,369	229,907	
2028	135,538	15,000	0	0	0	0	150,538	1,369,847	72,219	222,757	
2029	135,538	15,000	0	0	0	0	150,538	1,219,309	65,068	215,606	
2030	135,538	15,000	0	0	0	0	150,538	1,068,771	57,918	208,456	
2031	135,538	15,000	0	0	0	0	150,538	918,233	50,767	201,305	
2032	135,538	15,000	0	0	0	0	150,538	767,695	43,617	194,155	
2033	135,538	15,000	0	0	0	0	150,538	617,157	36,466	187,004	
2034	135,538	15,000	0	0	0	0	150,538	466,619	29,315	179,853	
2035	135,538	15,000	0	0	0	0	150,538	316,081	22,164	172,702	
2036	135,538	15,000	0	0	0	0	150,538	165,543	15,014	165,552	
2037	135,543	15,000	0	0	0	0	150,543	15,000	7,863	158,406	
2038		15,000	0	0	0	0	15,000	0	713	15,713	
2039			0	0	0	0	0	0	0	0	
2040				0	0	0	0	0	0	0	
2041					0	0	0	0	0	0	
2042						0	0	0	0	0	
Totals	2,710,765	300,000	0	0	0	0	3,010,765		1,573,132	4,583,897	
	0	0	0	0	0	0	0				

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City of Dover Organizational Chart





City of Dover

New Hampshire

FISCAL YEAR 2017

City Council Members

Mayor: Karen Weston

Ward 1: John O'Connor	Ward 5: Dennis Shanahan
Ward 2: Dennis Ciotti	Ward 6: Jason Gagnon
Ward 3: Deborah Thibodeaux	At Large: Robert Carrier
Ward 4: Marcia Gasses	At Large: Sarah Greenshields

City Manager

J. Michael Joyal, Jr.

Departments

Finance	Daniel R. Lynch
Planning	Christopher G. Parker
Police	Anthony F. Colarusso, Jr.
Fire and Rescue	Eric Hagman
Community Services	Douglas W. Steele, II
Public Library	Cathy Beaudoin
Recreation	Gary Bannon
Public Welfare	Lena C. Nichols

School Board

At Large: Keith Holt	At Large: Carolyn Mebert
At Large: Matthew Lahr	At Large: Kathleen Morrison
At Large: Amanda Russell	At Large: Michelle Muffett-Lipinski
At Large: Betsey Andrews Parker	Student Liaison: Daniel Provencal-Fogarty

Superintendent of Schools

Elaine M. Arbour, Ed.D.

City of Dover - Community Profile

Town Settled	1623
Date of Incorporation	June 29, 1855
Date Charter Adopted	March 9, 1977
Form of Government	Council – Manager
Area of City in Square Miles	29
Persons per Square Mile (land only)	1,034
Median Family Income (1)	\$61,680
Median Age (1)	36.7

Land Use (3)	18,587 Acres	%
Residential		28.76
Commercial		2.09
Industrial		5.34
Institutional		1.7
Miscellaneous		2.22
Waterway		8.1
Undeveloped		51.8

Family Income (2)	%
Less than \$10,000	3.3
\$10,000 - \$24,999	9.4
\$25,000 - \$34,999	13.0
\$35,000 - \$49,999	16.1
\$50,000 - \$74,999	26.8
\$75,000 - \$99,999	16.7
\$100,000 - \$149,999	10.4
\$150,000+	4.3

Population	
2010 US Census	29,987
2000 US Census	26,884
1990 US Census	25,042
1980 US Census	22,387

Educational Attainment (2)	%
(for persons 25 years +)	
Graduate or professional degree	10.4
Bachelors degree	22.0
Associates degree	9.1
High School grad (incl GE)	46.5
Less than HS diploma	11.9

Employment by Industry (2)	15,261
Educational, health & social	3,164
Manufacturing	2,349
Retail	2,251
Finance, Insur, Real Est	1,492
Professional, Science, Mgmt	1,290
Arts, Entertainment, Recr	1,208
Other	3,507

Public Education (4)	
FY2010	
Number of Schools	5
Elementary Gr K – 4	3
Middle Gr 5 – 8	1
Senior High Gr 9 – 12	1
Teachers (FTE)	269
Enrollment	4,169

Age Composition (1)	%
Under 5 Years	6.0
5 – 14 years	11.0
15 – 19 Years	5.2
20 - 24 Years	9.1
25 - 34 Years	16.4
35 - 44 Years	14.1
45 - 64 Years	25.0
65+ years	13.2

Housing Units (2)	11,924
1 Unit (incl detached)	5,871
2 - 4 Units	2,559
5+ Units	3,087
Mobile Home/Trailer	407

Racial Composition (1)	%
White	90.6
Black	1.7
Asian	4.5
Other	3.2

Occupied Housing Units (1)	%
Owner Occupied – 6,790	52.9
Renter Occupied – 6,037	47.1

- (1) = 2010 Census
 (2) = 2000 Census
 (3) = Planning Department
 (4) = School District

The Budget Process

Fiscal Year - July 1 through June 30

Date	Ref*	Action:
Capital Improvements Program (CIP) Budget		
July through August	AR 1-2	Departments submit proposed changes to the six year CIP to the City Manager. Requests are reviewed and final recommendations prepared in a Proposed CIP document. Year one of CIP is for the next fiscal year.
In September	AR 1-2	Proposed CIP is submitted to the Planning Board for review and recommendations to the City Manager.
November and December	AR 1-2	The Proposed CIP, along with Planning Board recommendations is submitted by the City Manager to the City Council for their review.
By end of December	AR 1-2	The City Council approves the six year CIP and the bond authorization for year one projects requiring debt financing.
Annual Operating Budget		
During December & January		City departments develop and submit budget requests to the City Manager for the next fiscal year based on the needs of their respective departments. Requests include the year one operating budget portion of the CIP.
From Feb 1 to March 15	Ord 9-1	The City Manager reviews departmental budgets requests with the departments. On or before March 15, the School Board must submit their recommended budget to the City Manager.
By April 15	C6-3 & Ord 9-1	City Manager submits his proposed budget recommendations, with the original department requests and the School Board's recommended budget to the City Council.
From April 15 to June 15		The City Council reviews the proposed budget with City Manager, departments and the School Board.
By June 8	C6-4 & RSA 44:10	Public hearings are held at least seven days in advance of adoption by City Council. Separate hearings held for City and School portions at least 24 hours apart.
By June 15	C6-5 & Ord 9-2	The City Council adopts a budget resolution for the next fiscal year with final spending authority for each department. The City Council has bottom line authority on the School Board recommendation. Passage of the final budget requires a majority vote.
By Mid-Oct	RSA 21-J:35	The property tax rate is set by the N.H. Department of Revenue Administration based on the final adopted budget and the revised total assessed property value. (Assessment date 4/1.)
During Fiscal Year	C6-8	Adjustments to the budget can be made in one of three manners: A non-school department may transfer appropriations between accounts within his divisions with City Manager approval. The City Manager may request transfers of appropriations between non-school departments with majority approval of the City Council. The City Council may amend the budget by appropriating additional revenue sources or raising taxes (if before the rate has been set). This requires a two-thirds vote.

* The Reference column refers to: AR for Administrative Regulation, C for City Charter section, Ord for city ordinance, or RSA for State statute.

Capital Improvements Program

Bond Issuance Services

Financial Advisory Services

It is the responsibility of the Financial Advisor (FA) to assist the City in bringing debt issuances to the market place and following through with closing and reporting. This involves many aspects and tasks. The FA advises the City on an ongoing basis on the structure of debt, the market conditions and probable interest rates, legal compliance issues, comparative analysis and timing of sales. The FA prepares the Preliminary Official Statement based on information provided by the City. This document serves as the basis for bid solicitations from underwriters (the primary buyers of bonds). The FA arranges conferences with and presentations to the credit rating agencies that place ratings on the City for investors prior to the bid date. The FA is responsible for the bidding requirements, the solicitation of and evaluation of bids. Once a bid is awarded, the FA is responsible for coordination of the closing with bond counsel and underwriters. The FA also provides post settlement analysis of the issue. The FA is also available to compile other financial analysis that may be needed by the City.

Credit Rating Agencies

Credit rating agencies provide analytical expertise for investors. They review both the financial and economic position of the City and provide a letter rating of their overall findings. Investors use this rating when determining the interest rates they will use when bidding. Two ratings may be applied when issuing a bond. If the issue is insured there will be a rating on the insured bond. There will also be a rating on the underlying credit of the City. Although the insured bond may have the highest rating available, underwriters will still review the underlying credit when making their determination for their bids. Generally, the lower the credit rating, the higher the risk to the investor and, therefore, the higher the interest rates bid.

Legal Services

It is the Bond Counsel's role to provide an opinion on the issuance of the bonds that all legal requirements have been met and that the bonds meet IRS provisions for tax exempt status, if applicable. Their review includes all steps from authorization to issuance and the City's compliance to Federal, State and local law. This includes the notification of meetings and advertising requirements, final authorization by the City Council, the preliminary official statement, the bonds, various certifications by the City, the final official statement and the closing with underwriters. Bond Counsel also reviews the actual projects authorized to make sure they meet the public benefits test for tax exempt bonds and that the term of the bond agrees with the economic life of the asset involved. They work in conjunction with the FA and underwriters at the closings to effectuate the sale. They also provide legal advice on proposed projects.

Paying Agent

It is the role of the Paying Agent (PA) to make timely payment of principal and interest to the individual investors from funds provided by the City over the life of the bond issue. The PA also represents the City at the delivery of the bonds.

Printing and Mailing

It is the role of the printing and mailing vendor to print copies of the Preliminary Official Statement and mail them to underwriters identified by the FA on a timely basis. Once an award has occurred Final Official Statements are also printed.

Capital Improvements Program

Bond Issue Process	
Bond Resolution Presented To City Council	As part of the Capital Improvement Program process the City Council is presented a bond authorization for specific projects to be financed over time. The resolution is referred to a public hearing.
Advertisement for Public Hearing	The City must advertise the projects and amounts of the proposed bond authorization at least 7 days in advance of the public hearing.
Public Hearing	A public hearing is held at least 3 days prior to the final vote on the resolution.
Passage of Resolution	The City Council may delete projects from the resolution. They may also reduce amounts of projects. They can add a reasonable amount to a project if the total of the final resolution does not exceed the amount advertised. Passage requires a two thirds majority vote of all City Council members.
Packet to Bond Counsel	Once the minutes of the meeting of the final vote are formally adopted by the City Council a packet of information is forwarded to Bond Counsel for their review. The packet contains certified copies of the public postings to all meetings, all advertisements placed, certified copies of minutes to all meetings, the final adopted resolution, and an analysis of debt limit at the time of passage of the bond authorization. Once all requirements are met, Bond Counsel will issue a letter stating the City has met the legal requirements to move forward with issuance of bonds for the projects authorized.
Project Cash Flows compiled and bond amount determined	The Finance Department requests all departments with projects to submit cash flow requirements for the projects. These cash flow projections are compiled to determine the amount by project for the coming bond issuance. Those projects that are not financed or are only partially financed remain as authorized unissued debt and will be financed when the cash need arises.
Development of Preliminary Official Statement	Working with the City's Financial Advisor (FA) a Preliminary Official Statement (POS) is developed. This includes reviews of the proposed amortization schedules, financial information disclosures and legal disclosures. The FA works with Bond Counsel to incorporate the legal opinion into the POS.
Discussions with Credit Rating Agencies	The FA and the City discuss the finances and economics of the City with the rating agencies. Based on the information attained the credit rating agencies issue a rating that is used by investors when preparing their bids.
Sale Date	On the date indicated within the POS the City accepts bids from underwriters. Bids are accepted via PARITY, an electronic security bidding service which accepts bids in a secure electronic form and prevents release of any bid information prior to the bid deadline. The bids are released to and evaluated by the FA and a low bidder identified to the City and awarded.

Capital Improvements Program

Bond Issue Process - continued	
Final Official Statement	A Final Official Statement is prepared by the FA to reflect the final award of bid, including the buyer's option for bond insurance if applicable. The FA compiles the amortization schedules for each project involved in the sale. These schedules are forwarded by Finance to the departments involved.
Bond Documents Formalized	The actual bonds are signed by the City Manager and Finance Director. Also signed are certificates of disclosure of material events, no arbitrage, no litigation, use of proceeds, covenants to tax exempt status, continuing disclosure and IRS reporting forms.
Closing with Underwriters and Proceeds Received	The closing is held between the FA, Bond Counsel and the underwriters. The actual bonds are delivered to and held by the Depository Trust Company (DTC) until maturity. Once delivery of the bonds is accomplished, the proceeds are forwarded to the City's account. The bonds are held in electronic form at DTC which tracks direct ownership of the bonds.
Disbursement of Proceeds	Disbursements are made by the City for the various projects administered by the departments.
Audit	During the annual independent audit the auditors review all issuances of debt within the fiscal year. They obtain copies of the Final Official Statement(s) and review the receipt and postings of the proceeds to the general ledger.
Arbitrage Calculation	Once a year a firm prepares an arbitrage calculation to determine if the City is in compliance with IRS regulations regarding the income earned on tax exempt financings.
Continuing Disclosure	Each year the FA prepares a required continuing disclosure document that is forwarded to a national clearing house to be kept on file for review by investors.
Reprogramming of Bond Proceeds	If there are remaining bond funds from a project, then they may be reprogrammed to other capital projects by a two thirds vote of the City Council. The reprogramming must be for assets that have a useful life meeting or exceeding the remaining amortization of the bonds. The reprogramming must also be to projects within the same category, i.e., General Fund City to General Fund City, General Fund School to General Fund School, Water Fund to Water Fund, etc.
Payment of Principal and Interest	On each maturity date the City wires funds to the paying agent for the amount due. The paying agent makes payments to the direct owners of the securities on the City's behalf. Generally, there are two payments made on each bond during a fiscal year. There is a payment of the first half year's interest and a second payment of the second half year's interest and the principal amount.
Upon Final Payment	After the City has made the final principal payment the original cancelled bonds are returned to the City by DTC.

Vehicle Replacement Program

The City of Dover's inventory of rolling stock (vehicles & equipment) consists of approximately 133 units with a replacement value of \$ 7,819,000. In the past, it was far easier to obtain repair dollars rather than capital dollars to fund new equipment. Over the past 5 years, Fleet Services has made a conscious effort to identify and support replacing vehicles that have exceeded their life expectancy. The degree of success has been marginal compared to the total need.

Objective

- Meet the needs of the customer. The replacement program is a mechanism to provide the users with the correct vehicles at a higher level of reliability and safety to meet their specified job functions.
- Provide for timely acquisition and disposal of vehicles and equipment; therefore, maximizing the dollar resources available for meeting the needs of a fleet.
- Promote standardization to improve efficiency and lower total cost of ownership.
- Improve utilization by reassignment or elimination of underutilized vehicles and equipment.
- Maintain accountability of fleet inventory assignments.
- Concurrence with City purchasing procedures and procurement policies.
- Maximize the financial return for the City at the time of resale.
- Reduce the City's per/unit maintenance cost by eliminating old and expensive to maintain vehicles and equipment.

The program provides for a 10 year planned replacement of all fuel-consuming vehicles and equipment. The current replacement value of the City's fleet is \$ 7,819,000. The original cost of the inventory is approximately \$4,900,000.

Long-Term Planning

A 10 year replacement plan will be maintained by the Fleet Services Division based on the average life for each piece of equipment and its expected replacement cost. This is used for long-range budgeting and replacement decisions.

Replacement Criteria

The individual replacement selection criteria include:

1. Meets age, based on in-service date evaluated against life for type of unit.
2. Meets minimum utilization requirements based on meter readings directly obtained from fuel usage.
3. Meets the "maximum cost to repair." This is expressed as part of the percentage of the initial purchase cost to the unit's life-to-date operating cost. Maintenance history is collected daily through a computerized maintenance system, (CFA) Computerized Fleet Analysis.
4. Review of a limited technical evaluation. An estimate of the cost to bring the unit to a safe and reliable level is prepared. This tool will be used to determine the cost to retain the unit for one additional year.

Vehicle Replacement Program

5. Review of market value. Using nationally recognized publications and returned value of like units sent to public auctions, a decision of the economic feasibility to retain or replace the unit is made by comparing the repair cost to the estimated market value.
6. Meet with user departments to determine if the equipment continues to meet job functions and operational needs.
7. Budget restraints

Acquisition Process

A meeting will be held with the user department head prior to the budget preparation to confirm replacements for the upcoming budget.

A vehicles replacement list with proposed replacement cost will be provided to each department head.

Utilization data will be collected throughout the vehicles' lives. If utilization is consistently below standards, Fleet Services will meet with the user to determine the feasibility of reassignment or disposal of the vehicle.

The final disposition decision will remain with Fleet Services as the custodian of the fleet.

New Vehicle Selection

All inbound equipment will be received at Fleet Services on Mast Road. After review of compliance to the specification, vehicles will be lettered and City seals placed on them per City Charter requirements. Each vehicle will be assigned a vehicle control number and logged into the City's fleet management program.

New vehicle selections will be made with fuel efficient models that are consistent with existing models to improve standardization.

Outbound Vehicles

A listing of equipment recommended for disposal at the City's public auction will be forwarded to the Purchasing Agent. Items will be decommissioned, decals removed, radios and all pertinent equipment care will be taken in order to preserve the vehicle's residual value. All proceeds from the sale of surplus equipment will be placed in the vehicle replacement account to be used to purchase new vehicles.

Police Cruiser Replacement

Police cruisers are placed in-service for a period of two years or 60,000 miles. Upon removal from service, they are marketed nationally to other smaller departments and taxicab companies. The salvage of these vehicles has historically ranged from \$9,000 to \$11,000 each. These funds are placed in the vehicle replacement account to fund more reliable, fuel-efficient vehicles for use as detective vehicle and staff cars.

Vehicle Replacement Program

Arena

The average vehicle age for the Arena is 15 years. The fleet consists of two Zamboni's a 2006 and a 2001 model and a medium duty pick-up truck with a plow. It is recommended that the 2001 Zamboni be replaced as it has exceeded its life expectancy

Assessing

This department currently utilizes a City Hall pool car.

Inspection

The average fleet age is 6 years and consists of six sedans. Fleet Services recommends the replacement of one of the older Crown Victoria's with fuel-efficient Ford Focus.

Cemetery

The average fleet age for the Cemetery Division is 12 years.

City Hall

City Hall currently has one 2013 Ford Focus Pool car shared City wide

Engineering

The Engineering Division consists of three sedans with an average vehicle age of 3 years.

Facilities & Grounds

The F&G fleet consists of eight light-duty pickup trucks and vans, two medium-duty one-ton pickups and a heavy-duty bucket truck, with an average vehicle age of 13 years. F&G has historically received older, worn out vehicles from various other departments. Fleet Services recommends funding the replacement of three light-duty vehicles in FY18 with deferring replacement of the additional four until FY19. This will allow for a more dependable fleet with a reduced repair cost.

Fleet Services

Fleet Services has one 1997 Ford light-duty pickup truck, which is used for on-road repairs and the retrieval of parts this truck is no longer suitable for service.

Police

Police consists of twenty one light and medium-duty units and nine police cruisers, with an average vehicle life of 4 years. The use of funds from the vehicle replacement program has allowed for the replacement of many older Crown Victorias with fuel-efficient models, which has resulted in substantial fuel and maintenance savings.

Vehicle Replacement Program

Recreation

The Recreation fleet consists of four light-duty vehicles and one medium-duty passenger bus, with an average vehicle age of 9 years.

Recycling

The Recycling fleet consists three vehicles, one medium-duty unit, one medium duty delivery style van and one heavy-duty unit, with an average vehicle life of 8 years.

Streets & Stormwater

The Streets & Stormwater fleet consists of four light-duty units, two medium-duty unit and twenty-four heavy-duty units used for plowing, street sweeping, construction, and snow removal. The capital outlay funding has allowed for the replacement of various trucks and heavy equipment. Funding has been neglected on light-duty pickup trucks that do not qualify for capital funding. Fleet Services recommends the replacement of three light-duty pickup trucks to more dependable, fuel-efficient models.

Sewer

The Sewer fleet consists of seven light-duty units, one medium-duty units and five heavy-duty units, with an average vehicle life of 12 years. Annual funding has allowed for the consistent replacement of vehicles.

Water

The Water fleet consists of twelve light-duty vehicles, one medium-duty vehicles and five heavy-duty vehicles, with an average vehicle age of 11 years. Annual funding has allowed for the consistent replacement of vehicles.

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Stabilization Funds:

1. The City shall maintain adequate fund reserves to protect itself against emergencies and economic downturns.
 - a. General Fund – The City shall achieve and maintain a minimum unassigned fund balance of 15% of the General Fund’s annual budget, including City, School and County appropriations. The City Council may appropriate the General Fund unassigned fund balance for emergency purposes per City Charter Section C3-9 A or otherwise unanticipated expenses at year end, as deemed necessary, even if such use decreases the General Fund unassigned fund balance below the designated percentage. For purposes of this section the following shall apply:
 - i. Emergency purpose does not include the offsetting of property taxes.
 - ii. Unassigned fund balance will be defined by generally accepted accounting principles.
 - iii. The General Fund unassigned fund balance target level shall be achieved by annually budgeting a fund balance contribution over a six year period apportioned between both the City and School portions of the General Fund annual budget. These amounts shall be removed if the targeted level is achieved earlier.
 - b. Special Revenue Funds – Non Grant – The City shall achieve and maintain minimum unassigned fund balances of 5% of the total appropriations of each such fund budgeted.
 - c. Enterprise Funds – The City shall maintain net current assets (excluding unspent cash from bond proceeds) of 15% of the total appropriations of each such fund in a given fiscal year.
 - d. Internal Service Funds (in general) – The City shall maintain net current assets of 100% of inventory levels.
 - i. Workers Compensation Fund – The City shall maintain 100% funding for an actuarially determined claims liability based on a 65% confidence level.
2. The City shall establish a dedicated fund and maintain sufficient annual contributions to offset the liability associated with other post-employment benefit (OPEB) obligations.
 - a. OPEB Fund – The City shall achieve and maintain an annual contribution from the respective budgetary funds based upon the actuarially calculated Annual Required Contribution (ARC) for its OPEB obligation.
 - i. The OPEB annual contribution target level shall be achieved by annually budgeting in each of the respective budgetary funds, at a minimum, the current year OPEB related expense plus an additional amount equivalent to 5% of the ARC amount and increasing in increments of 5% each year. The increasing

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increments will be stopped once the accumulated net OPEB related liability is decreased.

3. The City shall establish and maintain sufficient annual contributions into capital reserves for infrastructure and equipment needs associated with the City's major operating funds as identified and planned for in the annually adopted Six-Year Capital Improvements Plan (General, Water, and Sewer).
 - a. The General Fund Capital Reserve shall be funded at a minimum amount based on achieving a discounted ten year goal of \$5,000,000.
 - b. The Water Capital Reserve shall be funded at a minimum amount based on achieving a discounted ten year goal of \$5,000,000.
 - c. The Sewer Capital Reserve shall be funded at a minimum amount based on achieving a discounted ten year goal of \$5,000,000.
4. The City shall establish and maintain regular contributions into an employee benefit stabilization fund to be used to offset fluctuations in actual benefit related expenses from year to year.
 - a. The amount to be budgeted each year for health insurance premiums will be set based upon the average change in the cost of health insurance premiums over the prior 10 years.
 - b. When the actual premium costs paid are less than the amount budgeted, the savings will be contributed into a health insurance stabilization fund.
 - c. When the actual premium costs are more than the amount budgeted, funds will be withdrawn provided no more than 25% of the fund balance is depleted.
5. The City shall utilize year-end surplus funds to build and maintain stabilization funds at minimum levels giving priority for allocations to be made in the following order: unassigned fund balances, OPEB obligations, capital reserves and then benefit expenses.
6. Upon achieving minimum levels established for each stabilization related fund, should amounts fall below the minimum thresholds in subsequent years, the City shall include allocations in the following annual budgets to return to the minimum amounts specified.

Fees and Charges:

7. The various boards and commissions that advise the City Council and City Manager shall review all fees that support such functions annually and report recommended changes to the City Council and City Manager prior to the preparation of the annual budget.

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8. It shall be the intent for the City to establish fees and charges to cover costs associated with providing certain services or programs that individually benefit a person, family or other specific segment of the community at a given time as opposed to utilizing funds derived from general tax dollars for services and programs intended to generally benefit the whole population of the community all of the time.
 - a. In establishing non-resident fees and charges, the City shall strive to cover all direct and indirect costs including debt service and inter-fund transfers associated with the service or program.
 - b. In establishing resident fees and charges, the City shall strive to cover, at a minimum, direct costs associated with the service or program.
9. The City shall continue to maintain all enterprise funds on a self-sustaining user fee basis, with no support from property tax revenues. Fees shall be set annually to support the adopted budget.
 - a. Water and Sewer fees shall be calculated by dividing the amount of money to be raised by the billable volume, in one hundred cubic feet units, expected for the year.
10. The City shall prepare and adopt a Fee Schedule in conjunction with the annual adoption of the budget that will itemize and provide the justification for all fees and charges to be levied in the coming fiscal year.

Debt Issuance and Management:

11. The City Council shall annually, by resolution, adopt a six year Capital Improvements Planning (CIP) document.
 - a. The CIP document shall contain a listing of all planned capital improvement program projects, identifying the source of financing and delineating the estimated impact to annual operations and maintenance.
 - b. The City Council shall typically appropriate the funding for multi-year projects at the same time it funds the first year portion of the project.
 - c. The first year of the adopted CIP shall provide the basis for the City Manager to develop the proposed capital outlay and debt service portions of the subsequent fiscal year budget.
12. The City shall maintain formal criteria for inclusion of a project in the CIP:
 - a. In order to be included within the CIP, a project needs to have an estimated annual aggregate cost of \$25,000 or more and have a useful life of three years or greater.
 - b. Projects must satisfy at least one of the following:
 - i. Protect the health and safety of employees and/or the community at large.

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- ii. Significantly improve the efficiency of existing services.
- iii. Preserve a previous capital investment made by the City.
- iv. Significantly reduce future operating costs or increase future operating revenues.

13. The City shall finance qualifying CIP projects using established criteria:

- a. Debt Financed – Purchases financed by the issuance of bonds or capital leases. Purchase of assets of \$250,000 or more, nonrecurring within a five year period, and with a useful life of five years or more are recommended for debt financing. This shall include design costs for projects even when the costs occur in an earlier year.
- b. Capital Reserve Financed – Purchases financed by savings from annual appropriations over a period of time for assets over \$25,000 recurring or not. Capital reserves can be established for a specific item or a type of item.
- c. Grant Financed – Purchase of assets over \$25,000 partially or wholly funded by grants from the State or Federal government.
- d. Existing Funds Financed – After the CIP projects are submitted and compiled, any items that can be financed with existing funds shall be identified. Existing funds could be any funds available from savings from another project or other source of funds.
 - i. If bonded funds are to be used, the item has to meet the useful life criteria for the remaining years of amortization of the bond funds used.
- e. Operating Budget Financed – Purchase of assets of less than \$250,000 or recurring in nature, are recommended to be financed through the annual operating budget for the fund involved. Annual programs, whether over \$250,000 or not, are suited for operating budget financing due to the ongoing nature of the program.

14. In utilizing debt financing for CIP related projects, the useful life span of the capital project or item shall equal or exceed the years for amortization of the bond.

15. In consultation with the City's designated financial advisor, the City shall regularly analyze and pursue bond refunding in instances where significant savings or other substantial benefits will be realized.

Debt Level and Capacity:

16. The City shall size the issuance of the local share of new debt so as not to exceed certain parameters in any given fiscal year:

- a. The City portion shall not exceed 65% of the State of NH legal limit.
 - i. The debt related to Tolend Landfill Closure is to be excluded in calculating the City portion for purposes of this section.

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- b. The School portion shall not exceed 28% of the State of NH legal limit.
 - c. The Water portion shall not exceed 5% of the State of NH legal limit.
 - d. The Sewer portion shall not exceed 1.5% of the City's equalized assessed value for debt limits.
17. The City's net annual debt service (payment of principal and interest less reimbursements) shall not exceed certain parameters in any given fiscal year:
- a. General Fund debt service for a fiscal year shall not exceed 10% of the total appropriations of the General Fund.
 - i. The debt service related to Tolend Landfill Closure is to be excluded in calculating the City portion for purposes of this section.
 - b. Enterprise and Special Revenue Fund debt service for a fiscal year shall not exceed 40% of the total appropriations for the fund involved.
18. The City shall maintain a pay down of net debt (debt principal less reimbursements to be received) for each fund whereby 75% or more is retired within the next ten years.
19. To reduce reliance on an increased utilization of debt for capital related maintenance needs in future years, the City shall achieve and maintain a minimum level of capital outlay in each of the major operating funds as part of the annual budget adoption for sustaining the community's existing and future infrastructure and equipment:
- a. The target level of operating capital outlay to be included as part of the General Fund annual budget shall be increased annually to achieve at least 7.5% of total General Fund appropriations.
 - b. The target level of operating capital outlay to be included as part of the Water Fund annual budget shall be increased annually to achieve at least 13% of total Water Fund appropriations.
 - c. The target level of operating capital outlay to be included as part of the Sewer Fund annual budget shall be increased annually to achieve at least 11% of total Sewer Fund appropriations.

Use of One-Time Revenues:

20. The City shall use one-time revenues for the limited purpose for which they were intended or, in the absence of a specified purpose, for a non-recurring capital expenditure or as a contribution towards building established stabilization funds. One-time revenues shall not be used to fund existing operations.

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- a. One-time revenues are those which are not expected to recur beyond a limited period or remain sustainable for a continued future use. These may include proceeds from sale of a specific asset, grant funds, etc.

21. Grant funds with continuing obligations beyond the grant period shall be reviewed and approved by vote of the City Council prior to acceptance of award.

Use of Unpredictable Revenues:

22. To improve the timing of cash collections required for disbursements made throughout the fiscal year and minimize the possibility of incurring additional expenses associated with short term borrowing for operational needs, the City shall revise Property Tax due dates in accordance with provisions established by NH law.

23. The City shall anticipate and take into consideration unpredictable revenues in conjunction with reviewing and adopting the annual budget.

- a. Unpredictable revenues include types that originate from sources not under the City's own control or influence such as intergovernmental revenues shared at the discretion of other levels of government.

24. The City shall rely upon conservative and reasonable revenue estimates in establishing annual budgets. The City Manager, in consultation with the Finance Director, is responsible for assembling and submitting revenue estimates supporting the annual budget that are current and based upon objective and reasonable analysis.

Balancing the Operating Budget:

25. In preparing and adopting the annual budget, the City shall achieve a balanced budget whereby estimated revenues equal or exceed budgeted expenses (including debt service and transfers).

26. Preliminary budget estimates reflecting the adopted Financial Policies for the following fiscal year for both the City and School portions shall be submitted to the City Council by the City Manager prior to January 31st. The City Council shall review and approve a preliminary budget resolution by its next regularly scheduled meeting to give budgetary guidance to the City Manager and the School Department for development of the budget for the next fiscal year.

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27. Throughout the course of a fiscal year, actual budget results will be monitored and reported on a regular basis. Adjustments to estimated revenues and budgeted expenditures may be made at any time during the course of the fiscal year to ensure the budget remains balanced. If necessary, transfers and/or overall budget amendments will typically be made immediately prior to year end closing.

Revenue Diversification:

28. The City shall strive to achieve a diversified and stable revenue system as a protection from short run fluctuations.
- a. The City shall maintain support for economic development initiatives which diversify the local property tax base, retain and expand existing businesses and create additional job opportunities.
29. The City shall periodically review and maintain impact fees to offset the local impact of private development.
- a. Impact fees will be accumulated and utilized for their intended purpose in accordance with State of NH law and whenever a significant portion of a project cost previously identified in the CIP can be covered.

Contingency Planning:

30. The City shall routinely budget funds annually for unanticipated expenses and minor emergency situations as a contingency line item in each of the major operating funds.
31. In the instance of a catastrophic or otherwise significant unanticipated financial need impacting the community, the City shall utilize the emergency powers afforded by provisions of State of NH law and City Charter to address the matter in a fiscally responsible and timely manner. Use of existing discretionary budgeted funds, the curtailment of discretionary expenditures, and access to accumulated stabilization funds, along with pursuing reimbursements where available, will be utilized to meet the City's contractual and other obligatory financial commitments along with addressing the need that has arisen.
32. Deviations from adopted financial policies are to be anticipated to accommodate various situations that may arise from time to time. In particular, deviations may specifically occur where there is an offsetting condition or benefit to the City. In such cases where adherence to a specific financial policy may not be possible or otherwise is not achieved, the nature of the deviation and the rationale shall be noted as part of the decision making process.

Accounting Structure and Basis

The governmental environment differs from that of business enterprises, however, the underlying accounting discipline shares many characteristics with commercial accounting. The principles for financial accounting and reporting for state and local governments are delineated by the Governmental Accounting Standards Board (GASB). The accounting of sources and uses of financial resources is accomplished with the use of various types of funds. Each fund is a self balancing accounting entity reporting the assets, liabilities, net assets and performance of the fund. The types and sub types of funds and their purposes are presented below.

Fund Structure:

Governmental Funds - Uses the modified accrual basis of accounting and budgeting.

General Fund - To account for basic governmental services supported mainly by property taxes. For example; Police and Fire & Rescue. Accounts for all sources and uses of funds not required to be accounted for in another fund. Basis of budgeting same as accounting except for property tax revenue, budget reflects the full levy for the current year only and is not adjusted for deferral.

Special Revenue - To account for the proceeds of specific revenues that are legally restricted to expenditure for specific purposes. An example would be a Federal Grant, other than for a capital project. For example, this includes the Community Development Block Grant, School Cafeteria, School Categorical Aid grants, the Residential Solid Waste Fund and the Parking Activity Fund.

Capital Projects - To account for acquisition or construction of major capital facilities. For example, this includes the General Fund Projects of each year's Capital Improvement Program. Also includes the Tolend Road Landfill Closure Fund. This excludes capital projects pertaining to Proprietary Funds which are accounted for within those funds.

Proprietary Funds - Uses the accrual basis of accounting and budgeting, except that budgeted capital outlay items are treated as assets for accounting purposes and not reflected as expenditures.

Enterprise Funds - To account for operations financed (primarily by user fees) and operated in a manner similar to private business. This includes the Water, Sewer, Arena and Dover Industrial Development Authority funds.

Internal Service - To account for services provided to various departments of the City on a cost reimbursement basis. This includes the Workers Compensation Funds, Garage Fund, Central Stores and the 457 Deferred Compensation Fund.

Fiduciary Funds - Uses the accrual basis of accounting, except for Expendable Trusts which use modified accrual basis. These funds are not generally budgeted as they are restricted to specific uses.

Trust Funds - To account for moneys held by the City Trustees to meet the intended purpose of the trust instrument. Types include Expendable and Non-Expendable. Expendable trusts can spend the principal for the intent of the trust, such as the Motor Vehicle Waste Reclamation Fund. Non-Expendable can spend only accumulated income. These make up the majority of Trust Funds and include the Cemetery Perpetual Care and Maintenance Funds.

Agency Funds - To account for moneys held by the City acting as agent to individuals, private organizations, or other governmental units. An example is Performance Bonds held for specific purposes or the Cocheco Riverwalk Fund.

An important concept to remember is that only the minimum number of funds should be established to be consistent with legal and operating requirements of the City. Excess number of funds can result in inflexibility, undue complexity, and inefficient financial administration. For efficient cash administration the City operates with a centralized cash account, reflected within the General Fund, for all funds except trust.

Accounting Structure and Basis

Basis of Accounting and Budgeting of Funds:

Modified Accrual - Revenues are recognized when measurable and available (cash received during fiscal year or within 60 days of year end).

Expenditures are recognized in the period when the liability is incurred, if measurable regardless of when cash is disbursed. An exception is made for unmatured interest on general long term debt which is recognized when due.

Accrual - Revenues are recognized when earned and become measurable regardless of when cash is received.

Expenses are recognized in the period when the liability is incurred, if measurable, regardless of when cash is disbursed.

Budgetary Accounts:

A budgetary account for revenues and expenditures is identified using six sets of numbers. The first series of numbers relates to the fund, the second the function. A function represents a cost center within a fund. Function usually denotes a division of a department. These numbers are found in the upper left hand corner of the detail pages within a department's section of the budget. The third set relates to the object of the transaction. The next 2 series of numbers relate to Project & Fiscal Year, used mainly with grants and Capital Projects. The final set relates to the Department. The budget is primarily organized by department, then function. Functions are categorized according to the following major categories:

41000 General Government - Functions which support general operations to both the public and other departments of the city, including the legislative body. For example, the Planning Department.

42000 Public Safety - Functions which provide protection of the citizenry and its property. For example, the Police Department and Fire and Rescue.

43000 Public Works - Functions which provide the construction and maintenance of the infrastructure of the city, such as buildings, roads, drains and utilities. For example, Community Services Department's Streets and Drains Division.

44000 Human Services - Functions which provide social services to the economically disadvantaged. For example, the Human Services' Welfare Division.

45000 Culture and Recreation - Functions which provide cultural, including informational services, and recreational activities for the citizens. For example, the Public Library and the Community Services Department's Indoor Pool Division.

47000 Debt Service - Functions which accounts for the payment of principal and interest on both long and short term debt, such as bonds or Tax Anticipation Notes. Found in the General Fund only under the Other Charges tab.

49000 Transfers - Functions which accounts for the transfer of funds from the General Fund to other funds of the city.

48000 Intergovernmental - Functions which accounts for payments to other governmental unit, such as the County Tax apportionment.

46900 Education - Functions which provide educational services to all ages of citizens, mainly grades one through twelve.

Accounting Structure and Basis

The third series of numbers relates to a revenue or expenditure object. A series of standard revenue and expenditure objects is used for all budgeted funds. Revenue are categorized by source of the funds. Expenditures are categorized by the primary object of expenditure. The following explains the major budget categories for both revenue and expenditures accounts:

Revenue - 3000 Account Series

- 3100 Taxes** - Revenue derived from the levying of taxes, such as 3110 Property Taxes. Also includes Tax Interest and Penalties 3190.
- 3200 Licenses & Permits** - Revenue from fees collected for issuance of licenses or permits to individuals and businesses. For example, Motor Vehicle Permits, 3220.
- 3300 Intergovernmental** - Revenue from other governments, such as the state. For example, the Shared Revenue Block Grant received from the State, 3351.
- 3400 Charges for Services** - Revenue from user fees for services rendered. For example Ambulance Services, 3425.
- 3500 - 3600 Misc. Revenue** – Revenue derived from various sources mainly relating to the use of property and money. For example from penalties assessed or late charges, revenue derived from use or sale of city assets and Investment Income 3610.
- 3700 Education** - Revenue received from the School Department. For example, tuition from other communities and State aid to education.
- 3910 - 3920 Operating Transfers In** – Revenue received from other funds of the City. For example, Transfer from Trust Fund 3918.
- 3930 - 3999 Other Financing Sources** - Revenue not otherwise categorized. For example, Budgetary Use of Fund Balance 3999.

Expenditures - 4000 Account Series

- 4100 & 4200 Personal Services** - Expenditures related to salaries, wages and fringe benefits for regular and temporary full time, part time and seasonal employees. For example, 4130 Overtime.
- 4300 - 4500 Purchased Services** - Expenditures for goods and services obtained from vendors for operations. For example, 4334 Legal Fees.
- 4600 Supplies** - Expenditures for supplies and materials needed for operations. For example, 4610 Office Supplies.
- 4700 Capital Outlay** - Expenditures for the acquisition of assets with a useful life of three years or more and a cost of \$10,000 or more. For example, 4741 Machinery & Equipment.
- 4800 Other** - Expenditure for goods and service not previously classified. For example, 4810 Membership Dues.
- 4910 Operating Transfers Out** - Amounts transferred to other funds that are not considered operational expenditures of departments.
- 4920 Debt Service** – The payment of principal & interest due on outstanding debt.
- 4950 Education** – Expenditures related to school operations.
- 4990 Intergovernmental** – County Tax.

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Capital Improvements Program

Project Categories

Within the Capital Outlay (4700 series) of expenditure codes are appropriation categories used to classify capital projects.

4700	Capital Outlay. Expenditures for acquiring capital assets, including land, new or existing buildings, improvements of grounds, initial equipment, additional equipment or replacement of equipment and new or improvements to infrastructure. Expenditures in this series <u>do not</u> include maintenance items. The cost of the acquisition must be \$10,000 or greater with a useful life of 3 years or greater. This includes the expenditure for multiple like items individually less than \$10,000, where the aggregate cost is \$10,000 or greater.	
	4710	Land. Expenditures for the purchase of land. This includes closing costs, appraisals, purchase of rights of way and site preparation.
	4715	Land Improvements. Expenditures for acquiring improvements to land (not associated with buildings) intended to make the land ready for its purpose. These include landscaping, property drainage, driveways, parking lots, sidewalks, monuments, fences, area lighting of streets and parking lots, retaining walls, and athletic track and fields.
	4720	Buildings. Expenditures for contracted construction of new buildings, additions to or acquisition of existing buildings. This also includes the cost of demolition. Initial cost of major building equipment components or furniture and fixtures should use other appropriate code.
	4725	Building Improvements. Expenditures for improvements to existing buildings. This includes major permanent structural alterations, roof replacements, interior or exterior renovations, fire protection systems installation or upgrade, electrical and plumbing upgrades. Replacement or additions to major building equipment components or furniture and fixtures should use other appropriate code.
	4727	Building Systems. Expenditures for initial acquisition, replacement or addition to significant building equipment components. This includes the heating, ventilation and air conditioning systems (HVAC), elevators, power generation, and other service systems of buildings.
		4740 Series – Machinery and Equipment. This series accounts for expenditures related to acquisition of machinery and/or equipment, including vehicles, furniture and fixtures, computers, etc.

Capital Improvements Program

	4741	Machinery and Equipment. Expenditures for equipment usually composed of a complex combination of parts, excluding vehicles. Examples include firefighting equipment (SCBA, ladders, hoses, etc.), medical & lab equipment, recreational and athletic equipment, traffic control equipment, generators, lathes, and drill presses.
	4742	Light Vehicles. Expenditures for vehicles or light mobile equipment used to transport persons or objects. Examples include automobiles, vans, pick-up trucks, ambulances, motorcycles, light tractors and accessory trailers, etc., including the installation of any related equipment.
	4743	Heavy Vehicles. Expenditures for vehicles or heavy mobile equipment used to transport large objects or quantities or for use in construction. Examples include buses, fire apparatus, dump trucks, backhoes, graders, rollers and accessory trailers, including the installation of any related equipment.
	4744	Furniture and Fixtures. Expenditures for initial, replacement or additional furnishings and fixtures used in business/office facilities, including purchases of carpeting, desks, chairs, bookcases, counters, etc.
	4745	Computers and Communications Equipment. Expenditures for computer or communications equipment, including radios, telephone systems and computer systems and related equipment such as printers, uninterruptible power supplies, etc.
	4748	Books and Collections. Expenditures for purchase of long lived books, textbooks or reference material, regardless of the media, i.e., paper vs. electronic. Also includes the acquisition of artworks.
		4750 Series - Infrastructure. Expenditures for construction of, or major renovation to infrastructure, including roadways, bridges, water, sewer, and drainage systems, or dams. This also includes the cost of demolition. It does not include any buildings or equipment related to these systems.
	4751	Roadways. Expenditures for construction of, or major renovation to roadways. This includes shim and overlay, but excludes maintenance items such as crack sealant.
	4752	Bridges. Expenditures for construction of, or major renovation to bridges. This includes pedestrian as well as vehicular bridges.
	4754	Waterways. Expenditures for construction of, or major renovation to waterways, including dams, dredging, embankments, etc.
	4757	Utility Systems. Expenditures for construction of, or major renovation to citywide drainage, water, sewer and/or electrical utility systems. This includes the cost of mains, manholes, trench paving, etc.

Accounting and Budgetary Definitions

ACCRUAL BASIS. Accounting basis which records the effect of transactions and other events in the period in which they occur, rather than the period the cash is received or paid or other asset transfer occurs.

ABATEMENT. A cancellation of all or part of a levy or service charge. A property tax abatement is usually a result of a decrease in the assessed value of a property. Abatements also apply to Water and Sewer billings.

ANNUAL BUDGET. A budget that applies to a single fiscal year. Dover's fiscal year runs from July 1 of one year until June 30 of the following year.

APPROPRIATION. A legal authorization granted by the City Council to incur expenditures and obligations for a specific period.

ASSESSED VALUATION. A valuation upon real estate as a basis for levying taxes.

ASSET. Anything having a commercial or exchange value.

BASIS OF ACCOUNTING. A term used to refer to *when* revenues, expenditures, expenses and transfers and their related assets and liabilities are recognized and reported within the financial statements. Also refer to Accrual and Modified Accrual. See the Accounting Structure and Basis section for more information.

CAPITAL IMPROVEMENTS PROGRAM. Also referred to as CIP. A separate budgetary process that occurs to appropriate funds for projects that are capital in nature and generally financed by long term debt. The CIP budget process precedes the annual budget process.

CAPITAL ASSETS. Long-lived tangible assets obtained or controlled as a result of a past capital outlay or other event such as donation. Includes: land, buildings, improvements to buildings and equipment.

CAPITAL OUTLAY. Expenditures resulting in the addition or acquisition of assets to the City, generally in excess of \$10,000 with a service life of greater than three years.

CONSTANT DOLLARS. Dollars adjusted for inflation using a specified year as the base year in order to ascertain actual purchasing power over a period of time.

DEBT. An obligation of the city resulting from borrowing money. These can be short term in nature (1-3 years) in the form of notes (Tax Anticipation Notes) or long term (5-20 years) in the form of bonds or capital leases. Can also refer to unpaid purchases of goods and services.

DEBT LIMIT. The maximum amount of debt legally permitted. Also see Capital Improvements and Debt section.

DEBT SERVICE. The payment of principal and accrued interest due on outstanding debt.

DEFERRED REVENUE. Amounts for which asset recognition has been met, but for which revenue recognition have not been met. For example, under the modified accrual basis of accounting, amounts that are measurable, but not available (not collected within 60 days after fiscal year end).

DEFICIT. Relating to financial position (1) the excess of liabilities of a fund over its assets. Relating to operations (2) the excess of actual expenditures over actual revenue during a fiscal year.

DEFICIT SPENDING. Excess of expenditures over revenue. The net loss lowers fund balance. Continued deficit spending can place the fund's net assets into a negative position requiring additional borrowing. Also see Use of Fund Balance.

Accounting and Budgetary Definitions

DEPRECIATION. The apportionment of the cost of a capital asset expensed over the number of years of its estimated service life. Budgeted funds that show depreciation are Enterprise Funds, i.e. Water, Sewer and Arena Funds.

ENCUMBRANCES. Commitments related to unperformed contracts for goods or services. Used in budgetary control, they represent the estimated amount of expenditures ultimately to result if unperformed contracts are completed.

ENTERPRISE FUNDS. A fund established to account for the operations financed and operated in a manner similar to private business, primarily supported by user fees. Includes Water, Sewer, Arena and the Dover Industrial Development Authority. Also included in the Enterprise Fund Totals are the Internal Service Funds. Internal Service Funds are similar in nature to enterprise funds, with the City as the main customer.

ESTIMATED REVENUES. The budgetary estimates of revenue to be received from various sources.

EXPENDITURES. The measurement of net decreases in financial resources within governmental funds. This includes current operating expenses, debt service and capital outlays.

EXPENSES. The measurement of outflows or other decreases in assets or incurrences of liabilities (or a combination of both) from delivering or producing goods, rendering services or carrying out other activities that constitute the ongoing central operation.

FISCAL YEAR. A 12 month period to which the annual operating budget applies and at the end of which the city determines its financial position and the results of operations.

FIDUCIARY FUND TYPES. To account for assets held by the government unit in a trustee capacity or as an agent for individuals, private organizations, other government units and /or other funds.

FUND. A fiscal and accounting entity with a self balancing set of accounts for recording results of operation and reflecting related assets and liabilities.

FUND BALANCE. The accumulated equity balance in a governmental fund resulting from operations over the years. This is the difference between fund assets and fund liabilities (also see Net Assets).

GENERAL FUND. A fund used to account for basic governmental services supported generally by taxes. Accounts for all financial resources not required to be accounted for in another fund.

GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (GAAP). Uniform minimum standards and guidelines for financial accounting and reporting. The primary authoritative body on the application of GAAP to state and local governments is the Governmental Accounting Standards Board (GASB).

GOVERNMENTAL FUND TYPES. Funds used to account for the acquisition, use and balance of expendable financial resources and the related current liabilities, except those accounted for in proprietary or fiduciary funds.

INTERNAL SERVICE FUND. A fund used to account for the financing of goods or services provided by one department to other departments on a cost reimbursement basis. See Other Charges Section for information relating to the city's Internal Service Funds.

INVESTED IN CAPITAL ASSETS. A component of net assets that consists of capital assets, net of accumulated depreciation and reduced by any outstanding debt that is attributed to the assets.

LIABILITIES. Claims arising from present obligations to transfer assets or provide services in the future resulting from past transactions or events.

Accounting and Budgetary Definitions

MEASUREMENT FOCUS. The accounting convention that determines (1) which assets and liabilities are included on a government's balance sheet and where they are reported there, and (2) whether an operating statement presents information on the flow of financial resources (revenues and expenditures) or information on the flow of economic resources (revenues and expenses).

MODIFIED ACCRUAL BASIS. Accounting basis under which revenues are recognized when they become measurable and available. Expenditures are recognized when the fund liability is incurred, except for long term debt interest, which is recognized when due.

NET ASSETS. Total assets less total liabilities, i.e., the equity or net worth of a fund. Components include Invested in Capital Assets, Restricted and Unrestricted Net Assets.

NET INCOME. Proprietary fund excess of operating revenues, non-operating revenues and operating transfers in over operating expenses, non-operating expenses and operating transfers out.

NOMINAL DOLLARS. Dollars unadjusted for inflation. (Also see Constant Dollars.)

PRESENT VALUE. The discounted value of a future amount of cash, assuming a given interest rate.

OPERATING BUDGET. See Annual Budget.

PROPRIETARY FUND TYPE. The classification used to account for a government's ongoing organizations and activities that are similar to those found in the private sector and whose operations are financed primarily by user fees.

RETAINED EARNINGS. The accumulated equity balance in an enterprise or internal service fund resulting from operations over the years. This is the difference between fund assets and fund liabilities and therefore includes equity in fixed assets.

REVENUES. (1) For governmental funds - Increases in net current assets from other than expenditure refunds. Debt proceeds and transfers classified separately. (2) For proprietary funds - Increases in net total assets from other than expense refunds and capital contributions. Residual and operating transfers classified separately.

SERIAL BONDS. Bonds whose principal is repaid in periodic installments over the life of the issue. This is the only type of general obligation bond allowed for public improvements by municipalities in NH.

SPECIAL REVENUE FUND. A fund used to account for the proceeds of specific revenues that are legally restricted to expenditure for specific purposes.

TAX LEVY. An annual amount of taxes imposed by the city on property owners in support of its fiscal year budget.

TAX RATE. The rate per \$1,000 of assessed valuation of property used to calculate the tax assessment of a parcel of property. The rate is derived by dividing the amount to be raised in taxes by the total assessed value of the City divided by 1000.

TAX ANTICIPATION NOTES. Notes issued in anticipation of future tax collections, the proceeds of which provides cash for operations. These notes are payable within one year of issue.

USE OF FUND BALANCE. Term used for budgetary purposes to reflect the amount that budgeted expenditures (appropriations) exceed estimated revenues. This budgeted net loss is financed by use of a fund's fund balance available from previous fiscal years. For accounting purposes this is not considered revenue. Also see Deficit Spending.