City of Dover, NH

Proposed

Capital Improvements Program

Fiscal Years 2017-2022

Submitted by:

J. Michael Joyal, Jr.

City Manager

October 7, 2015

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Capital Improvements Program

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City of Dover, New Hampshire

OFFICE OF THE CITY MANAGER

October 7, 2015

To the Honorable Mayor and Members of the City Council:

I respectfully submit to you a proposed Capital Improvements Program (CIP) for Fiscal Years 2017 through 2022. 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 Improvments 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.

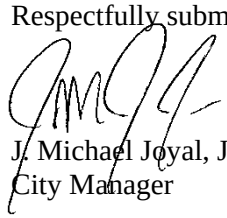
Although this proposed CIP reflects continuing increases in operating funds being allocated for capital needs, it must be emphasized that our financial policies and our tax cap Charter provisions require careful consideration in balancing ongoing program and service costs with the need to adequately 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

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:

<u>Debt Financed</u>

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 infastructure 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 years 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 720 employees during the past six years.

Dover has benefited by geographic factors which create a positive location of 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 3.1% which is 1.0% lower than this time last year. The City's unemployment rate has consistently been lower than that of the United States as a whole, (5.3%) and the State of New Hampshire (3.7%).

In combination with the current economic environment and unemployment levels the median per capita income in Dover was $32,038, median household income was $59,673, and median family income was $80,110.

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 development of a new Police Station combined with a public parking garage on part of the city's Orchard Street parking lot will add to the vibrancy of the downtown area. The garage is slated to open in November of 2015, with the Police Facility opening in March of 2016. The Cochecho Waterfront Development Advisory Committee is working on retaining a consultant 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 $12,250,000 mixed use development is underway and Phase 1, nearing total occupancy, is expected to provide a 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.

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 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.

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. A third development of 80,000 SF is still pending.

The City Council also approved a Land Development Agreement for a former McIntosh 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.

The real estate sales activity in Dover for FY15 was 924 transactions versus 839 for FY14. This level of activity represents transfers of 9.2% of taxable parcels during FY15 slightly higher than the level of 8.4% in FY14. In conjunction with this activity, the number of taxable parcels increased from 10,026 in FY14 to 10,058 in FY15, 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 $92,849 for FY14 to $96,117 in FY15, an increase of 3.5% for the fiscal year.

The percentage of uncollected taxes for the current tax levy at the end of fiscal year 2015 was 3.7% (the actual amount changed from $2.8 million to $2.6 million). There were 245 parcels from the current tax

levy with outstanding taxes that had a lien placed, down from 280 last year. The number of delinquent parcels decreased by 35, or 12.5 percent and the actual amount of the lien changed from $1,187,151 to $1,011,252.

The number of motor vehicle registrations was consistent with 31,187 in FY15 as compared to 30,991 in FY 14. The number of building permits increased from 398 in FY14 to 484 in FY15 and the average permit value increased from $94,970 to $165,986.

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 2.19 with Water and Sewer Funds of 2.94 and 1.86, 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, 2015 the City had utilized 56.3% of its statutory debt limit, the School District utilized 20.7% of its statutory debt limit, and the Water Fund had utilized 5.3% 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, 2015 the percent of the City's more conservative debt policy used was 86.7%, the School was 74.1%. General Fund net debt per capita is at $2,036, an amount considered reasonable for a municipality the size of Dover. The General Fund's net debt to equalized value is 2.10%. The General Fund's net debt service as a percent of budget is 9.6%. 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 49.3% being utilized. Net debt service to budget in the Water Fund is 32.6% and 23.9% within the Sewer Fund, within the 40% set by policy.

Condition Summary

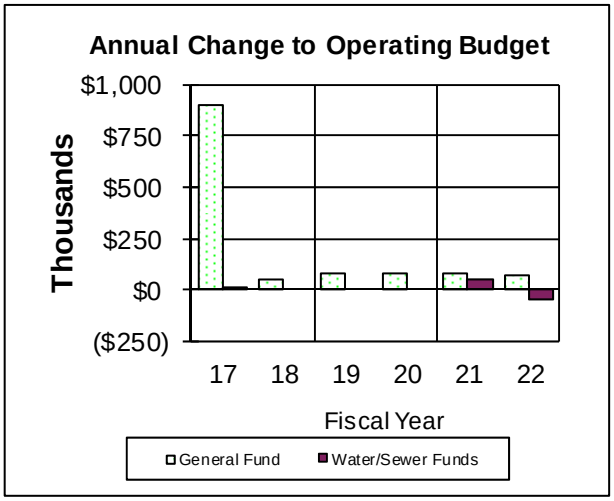
The majority of the City's economic and financial indicators have shown stable moderate growth over the past year. Changes in indicators continue to be monitored and actions taken to preserve the City's economic and financial position. Current measures and trends at the local level suggest a moderate 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.

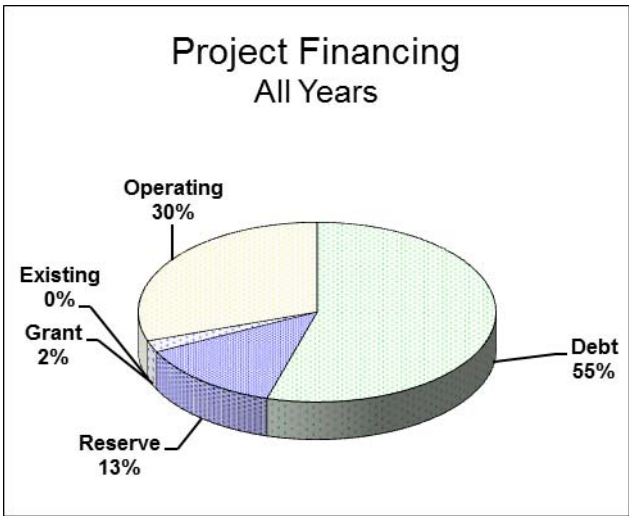
Capital Improvements Program

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 FY16 the City's General Fund percent of capital outlay to its portion of appropriations is 5.8%. In an effort to shift away from debt financing particular capital purchases in the FY16 budget, capital outlay was increased by $293,523, from $2,239,826 in FY15 to $2,533,349 in FY16. 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 $750,000. The CIP reflects operating budget financing of $1.86 million in FY17 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

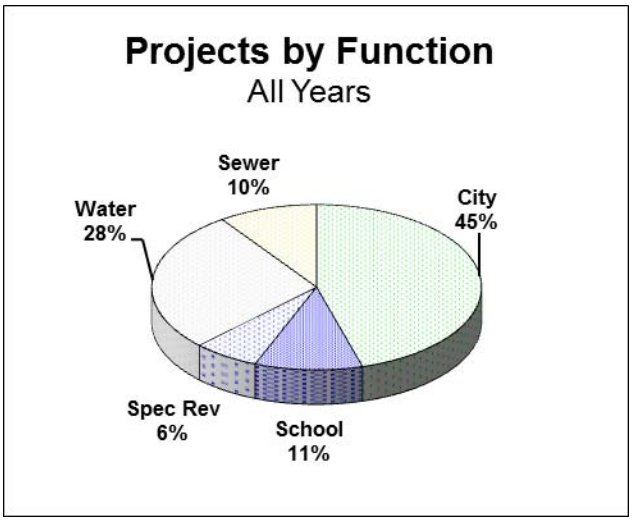
This CIP also reflects the funding of the Capital Reserve Fund for infrastructure and equipment for the General Fund. Capital Reserves are a savings mechanism for municipalities. By appropriating funds and placing them in reserve, the funds earn interest and help to mitigate long term borrowing needs. 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 73.2% of the entire CIP.

Major Projects	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**Total**
Transfer to Capital Reserve - Infrastructure & Equip	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000
PW Heavy Equipment	200,000	200,000	200,000	293,750	200,000	200,000	1,293,750
General Streets Improvements	1,864,800	1,931,933	2,001,482	2,073,536	2,148,183	2,212,937	12,232,871
Street Reconstruction - Piscataqua/Rabbit Road	200,000		1,500,000				1,700,000
Street Reconstruction - Silver Street	1,000,000						1,000,000
TIP - Replace Oak Street Railroad Bridge	2,433,000						2,433,000
Street Reconstruction - Oak/Ham/Ela/Broadway	1,500,000	1,000,000					2,500,000
Street Reconstruction - Elm/Summer/Belknap			200,000		2,000,000		2,200,000
Street Reconstruction - Atlantic Avenue				1,500,000			1,500,000
Tuttle Square Traffic Improvements				150,000		1,000,000	1,150,000
Total City	7,947,800	3,881,933	4,651,482	4,767,286	5,098,183	4,162,937	30,509,621
Garrison Elementary School Improvements	3,300,000	3,600,000					6,900,000
Middle School Roof Replacement			520,500			500,000	1,020,500
Total School	3,300,000	3,600,000	520,500	0	0	500,000	7,920,500
Total General Fund	11,247,800	7,481,933	5,171,982	4,767,286	5,098,183	4,662,937	38,430,121
Parking Deck - Third Street			3,300,000				3,300,000
Parking Deck - School Street						2,400,000	2,400,000
Cochecho Riverfront Site Preparation	1,150,000	500,000					1,650,000
Cochecho Riverfront Park Development		300,000			1,000,000		1,300,000
Street/Utility Extension - Waterfront Parcel					2,000,000		2,000,000
Park Improvements - Maglaras Park						1,000,000	1,000,000
Total Special Revenue	1,150,000	800,000	3,300,000	0	3,000,000	3,400,000	11,650,000
Transfer to Capital Reserve	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Water Main Replacement - Main St/Washington St	100,000			1,000,000			1,100,000
Water Main Replacement - Piscataqua/Drew Rds	300,000	1,000,000	900,000				2,200,000
Water System Facilities Upgrade	800,000	8,300,000		5,400,000			14,500,000
Water Main Replacement - Oak/Broadway Area		1,250,000					1,250,000
Total Water Fund	1,700,000	11,050,000	1,400,000	6,900,000	500,000	500,000	22,050,000
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	14,897,800	20,131,933	10,671,982	12,467,286	9,398,183	9,362,937	76,930,121

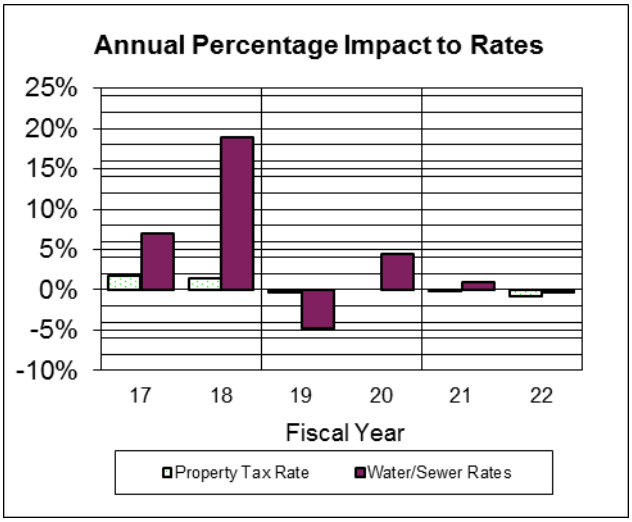
Capital Improvements Program



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 $0.37 per $1,000 of assessed value for Fiscal Year 2017 and a cummulative increase of $0.44 by FY22. This is an annual increase of 2.4% over the FY16 estimated tax rate.



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 $0.85 per one hundred cubic feet of water consumption for Fiscal Year 2017 and a cummulative increase of $3.35 by FY22. This is an annual increase of 4.1% over the FY16 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. In FY16 the City plans to issue bonds mid FY 2016 to accommodate the same debt service payment structure without incurring a full year of interest expense.

Capital Improvements Program - FY2017-2022
Net Financial Impact to Property Tax and User Fee Rates
Debt and Operating Budget Financed Projects

Estimated Property Tax Rate Change						
City	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Operating Bdgt	0.32	0.02	0.03	0.03	0.03	0.02
Debt Financed	(0.15)	0.13	(0.06)	-	(0.08)	(0.22)
Change by Year	0.17	0.15	(0.03)	0.03	(0.05)	(0.20)
% Chng Comb	0.81%	0.56%	-0.11%	0.11%	-0.18%	-0.74%
School						
Operating Bdgt	0.07	0.01	0.01	(0.03)	0.01	-
Debt Financed	0.13	0.23	(0.05)	-	0.01	(0.02)
Change by Year	0.20	0.24	(0.04)	(0.03)	0.02	(0.02)
% Chng Comb	0.95%	0.89%	-0.15%	-0.11%	0.07%	-0.07%
Combined						
Operating Bdgt	0.39	0.03	0.04	-	0.04	0.02
Debt Financed	(0.02)	0.36	(0.11)	-	(0.07)	(0.24)
Change by Year	0.37	0.39	(0.07)	-	(0.03)	(0.22)
% Chng Comb	1.75%	1.45%	-0.26%	0.00%	-0.11%	-0.81%
Est. Tax Rate	**26.82**	**27.21**	**27.14**	**27.14**	**27.11**	**26.89**

Estimated Rate reflects the impact of the CIP only.
Amounts represent annual change to Tax Rate based on FY16 estimate of $26.45 per $1,000 of assessed value. % Change reflects the annual change to the total rate.

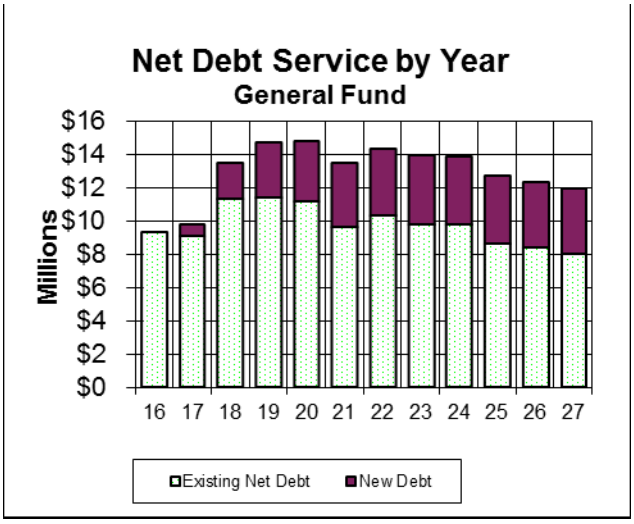
Water & Sewer User Fee Rate Change						
Water	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**
Operating Bdgt	-	-	-	-	-	-
Debt Financed	0.36	1.40	(0.45)	0.45	(0.13)	(0.21)
Change by Year	0.36	1.40	(0.45)	0.45	(0.13)	(0.21)
% Chng Comb	2.93%	10.65%	-2.88%	3.02%	-0.84%	-1.34%
Water Rate	**5.13**	**6.53**	**6.08**	**6.53**	**6.40**	**6.19**
Sewer						
Operating Bdgt	0.01	-	-	-	0.06	(0.06)
Debt Financed	0.48	1.09	(0.29)	0.22	0.21	0.21
Change by Year	0.49	1.09	(0.29)	0.22	0.27	0.15
% Chng Comb	3.99%	8.30%	-1.86%	1.48%	1.74%	0.96%
Sewer Rate	**8.01**	**9.10**	**8.81**	**9.03**	**9.30**	**9.45**
Combined						
Operating Bdgt	0.01	-	-	-	0.06	(0.06)
Debt Financed	0.84	2.49	(0.74)	0.67	0.08	-
Change by Year	0.85	2.49	(0.74)	0.67	0.14	(0.06)
% Chng Comb	6.92%	18.95%	-4.73%	4.50%	0.90%	-0.38%
Combined Rate	**13.14**	**15.63**	**14.89**	**15.56**	**15.70**	**15.64**
Combined cost/gallon	$0.018	$0.021	$0.020	$0.021	$0.021	$0.021

Estimated Rate reflects the impact of the CIP only. Other budget adjustments will vary rate.
Amounts represent annual change to User Fees. Fees apply to 100 CF of water consumption.
FY16 Water Fee - $4.77 Sewer Fee - $7.52 Combined - $12.29
100 Cubic Feet = 748 Gallons

Capital Improvements Program

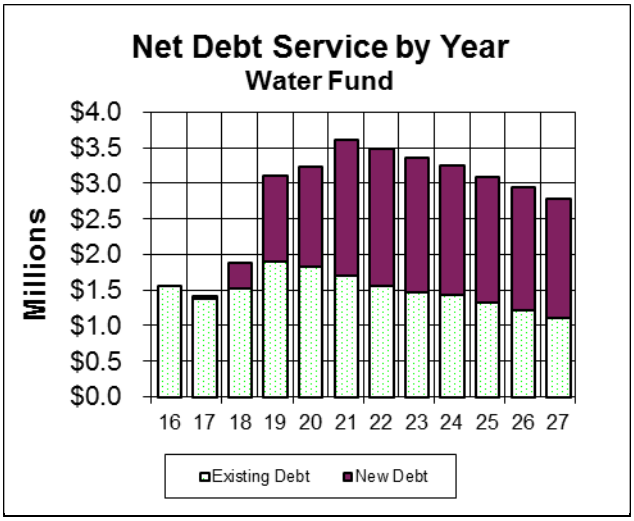
Debt Service

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.



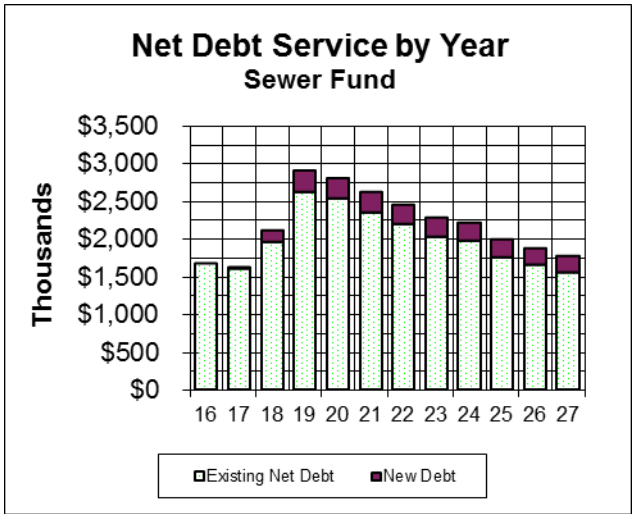
General Fund

Net debt service in the General Fund under the proposed CIP will grow from $9.3 million in FY16 to $12.2 million in FY22. This represents an annual net debt service increase of 5.17% from FY16.



Water Fund

Net debt service will grow from about $1.6 million in FY16 to about $3.4 million in FY22. This represents a 13.7% annual increase from FY16.



Sewer Fund

Net debt service increases from about $1.7 million in FY16 to about $2.4 million in FY22. This represents a 5.44% annual increase from FY16.

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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 DIBDA 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 49.1% of the limit in FY17. School debt remains within the statutory limit, reaching a maximum level of 45.0% of the limit in FY17. Based on the proposed CIP, it is estimated that City debt will be at 75.4% 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 FY16 based upon the authorized 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 mostly due to the Water System Facilities Upgrade project debt approved in FY15 CIP and additional funding proposed for FY18 and FY20. 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 - FY2017-2022
Debt Limits - Statutory and City Policy Levels

City Estimated Legal Debt Limits			
FY End	Statutory 3.0% EAV	Policy 65% of State	Outstanding Debt
2016	89,831,559	58,390,513	40,633,240
2017	90,729,876	58,974,419	44,490,207
2018	91,637,175	59,564,164	42,687,523
2019	92,553,546	60,159,805	40,699,300
2020	93,479,082	60,761,403	39,526,023
2021	94,413,873	61,369,017	36,067,690
2022	95,358,012	61,982,708	32,044,723

School Estimated Legal Debt Limits			
FY End	Statutory 7.0% EAV	Policy 28% of State	Outstanding Debt
2016	209,606,971	58,689,952	93,788,021
2017	211,703,044	59,276,852	95,176,956
2018	213,820,075	59,869,621	93,344,685
2019	215,958,274	60,468,317	91,082,455
2020	218,117,858	61,073,000	88,815,115
2021	220,299,037	61,683,730	86,125,456
2022	222,502,028	62,300,568	82,831,215

Water Estimated Legal Debt Limits			
FY End	Statutory 10% EAV	Policy 5% of State	Outstanding Debt
2016	299,438,530	14,971,927	11,014,930
2017	302,432,920	15,121,646	27,513,950
2018	305,457,250	15,272,863	26,492,088
2019	308,511,820	15,425,591	30,906,753
2020	311,596,940	15,579,847	29,615,422
2021	314,712,910	15,735,646	27,337,955
2022	317,860,040	15,893,002	25,156,567

Net Sewer Estimated Legal Debt Limits			
FY End	Statutory Exempt	Policy 1.5% EAV	Outstanding Debt
2016	None	44,915,780	13,630,807
2017	None	45,364,938	25,329,386
2018	None	45,818,588	23,299,925
2019	None	46,276,773	21,441,282
2020	None	46,739,541	19,608,575
2021	None	47,206,937	17,881,939
2022	None	47,679,006	16,257,306

*DBIDA Estimated Legal Debt Limits**			
FY End	Statutory Flat Amount	Policy None	Outstanding Debt**
2016	5,000,000	None	0
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

Exempt from Limits & Total Debt			
FY End	Exempt From Legal	Exempt from Policy	Total Debt O/S
2016	33,264,859	19,634,052	178,701,050
2017	45,015,990	19,686,604	214,647,104
2018	45,319,964	22,020,039	210,171,760
2019	42,299,267	20,857,985	207,192,775
2020	42,088,470	22,479,895	202,127,530
2021	42,211,893	24,329,954	193,702,994
2022	38,838,826	22,581,520	180,708,831

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

2017 Debt Retirement by Department/Function	
Department/Function	Amount
City	3,992,785
School	2,046,065
Total General Fund	6,038,851
Special Revenue Funds	353,023
Water Fund	1,034,312
Sewer Fund	1,178,347
DBIDA	0
Downtown TIF	265,000
Total All Funds	8,869,534

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. 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 by 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 Apirl 2015. 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.

Fiscal Year	Net Debt Per Capita
2016	4,246
2017	4,411
2018	4,276
2019	4,132
2020	4,015
2021	3,813
2022	3,572

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 FY2013 was 2.25%**.**

Fiscal Year	Net Debt/ Equal Val
2016	4.40%
2017	4.56%
2018	4.40%
2019	4.23%
2020	4.09%
2021	3.87%
2022	3.61%

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.

Fiscal Year	Debt Service % Budget
2016	9.55%
2017	9.27%
2018	10.02%
2019	9.55%
2020	9.31%
2021	8.97%
2022	8.20%

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 initially over the next three years and then starts to decrease. The Sewer Fund level increases as a result of debt being incurred for a proposed major upgrade to the Wastewater Treatment Plant (WWTP) Facility Upgrade project.

Net Debt as % of Budget

Fiscal Year	Water	Sewer
2016	32.59%	23.89%
2017	38.46%	29.71%
2018	63.10%	42.45%
2019	62.47%	39.10%
2020	68.59%	37.67%
2021	64.77%	35.18%
2022	59.68%	32.84%

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. 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
2016	1.52	1.52
2017	1.29	1.27
2018	0.79	0.93
2019	0.79	1.05
2020	0.72	1.14
2021	0.77	1.27
2022	0.83	1.42

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 an initial higher reliance on debt that decreases 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
2016	35.04%	34.61%
2017	84.31%	62.83%
2018	61.35%	55.73%
2019	69.95%	51.30%
2020	57.41%	46.93%
2021	53.00%	42.82%
2022	48.77%	38.94%

Capital Improvements Program - FY2017-2022

Summary By Financing Source

Source	Fiscal Year 2017	2018	2019	2020	2021	2022	Total
Debt Financed							
City Departments	3,433,000	1,580,000	2,300,000	2,400,000	3,325,000	1,000,000	14,038,000
School Department	3,300,000	3,600,000	520,500	-	-	500,000	7,920,500
Total General Fund	6,733,000	5,180,000	2,820,500	2,400,000	3,325,000	1,500,000	21,958,500
Special Revenue	-	-	3,300,000	-	-	2,400,000	5,700,000
TIF District Funds	2,050,000	800,000	-	-	3,000,000	1,000,000	6,850,000
Water Fund	1,200,000	10,550,000	1,000,000	6,400,000	1,000,000	-	20,150,000
Sewer Fund	1,100,000	1,500,000	-	-	-	-	2,600,000
							-
Total Other Funds	4,350,000	12,850,000	4,300,000	6,400,000	4,000,000	3,400,000	35,300,000
Total Debt Financed	**11,083,000**	**18,030,000**	**7,120,500**	**8,800,000**	**7,325,000**	**4,900,000**	**57,258,500**
Operating Budget Financed							
City Departments	3,430,072	3,474,280	3,545,946	3,620,159	3,697,008	3,764,009	21,531,474
School Department	295,000	310,000	350,000	275,000	315,000	315,000	1,860,000
Total General Fund	3,725,072	3,784,280	3,895,946	3,895,159	4,012,008	4,079,009	23,391,474
Special Revenue	102,000	90,000	90,000	210,000	90,000	90,000	672,000
Water Fund	687,500	687,500	687,500	687,500	687,500	687,500	4,125,000
Sewer Fund	587,500	587,500	587,500	587,500	637,500	587,500	3,575,000
Arena Fund	-	-	-	-	-	-	-
Total Other Funds	1,377,000	1,365,000	1,365,000	1,485,000	1,415,000	1,365,000	8,372,000
Total Oper Budget Financed	**5,102,072**	**5,149,280**	**5,260,946**	**5,380,159**	**5,427,008**	**5,444,009**	**31,763,474**
Reserve Fund Financed							
City Departments	1,194,282	838,250	1,423,250	1,048,938	1,515,750	913,250	6,933,720
School Department	215,000	50,000	60,000	150,000	50,000	50,000	575,000
Total General Fund	1,409,282	888,250	1,483,250	1,198,938	1,565,750	963,250	7,508,720
Special Revenue	-	-	-	-	-	-	-
Water Fund	1,272,000	315,000	415,000	315,000	315,000	315,000	2,947,000
Sewer Fund	490,000	490,000	640,000	771,250	490,000	490,000	3,371,250
Total Other Funds	1,762,000	805,000	1,055,000	1,086,250	805,000	805,000	6,318,250
Total Reserve Fund Financed	**3,171,282**	**1,693,250**	**2,538,250**	**2,285,188**	**2,370,750**	**1,768,250**	**13,826,970**
Grant Financed							
City Departments	2,189,700	-	-	-	-	-	2,189,700
School Department	-	-	-	-	-	-	-
Total General Fund	2,189,700	-	-	-	-	-	2,189,700
Special Revenue	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-
Total Other Funds	-	-	-	-	-	-	-
Total Grant Financed	**2,189,700**	**-**	**-**	**-**	**-**	**-**	**2,189,700**
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	10,247,054	5,892,530	7,269,196	7,069,097	8,537,758	5,677,259	44,692,894
School Department	3,810,000	3,960,000	930,500	425,000	365,000	865,000	10,355,500
Total General Fund	14,057,054	9,852,530	8,199,696	7,494,097	8,902,758	6,542,259	55,048,394
Special Revenue	102,000	90,000	3,390,000	210,000	90,000	2,490,000	6,372,000
TIF District Funds	2,050,000	800,000	-	-	3,000,000	1,000,000	6,850,000
Water Fund	3,159,500	11,552,500	2,102,500	7,402,500	2,002,500	1,002,500	27,222,000
Sewer Fund	2,177,500	2,577,500	1,227,500	1,358,750	1,127,500	1,077,500	9,546,250
Arena Fund	-	-	-	-	-	-	-
Total Other Funds	7,489,000	15,020,000	6,720,000	8,971,250	6,220,000	5,570,000	49,990,250
Total All Financing Sources	**21,546,054**	**24,872,530**	**14,919,696**	**16,465,347**	**15,122,758**	**12,112,259**	**105,038,644**

Capital Improvements Program - FY2017-2022

PROPOSED

All Projects

BOLD = New Project
UNDERLINED = Change in Schedule
* = Multi Category Project
ITALIC = $ Change

PROJECT DESCRIPTION	2017	2018	2019	Fiscal Year 2020	2021	2022	Total	Finance Method
GENERAL GOVERNMENT								
Transfer to Capital Reserve - Infrastructure & Equip	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000	OB
Transfer to Capital Reserve - Cemetery	125,000	125,000	125,000	125,000	125,000	125,000	750,000	OB
Citywide Building Transformer Replacement	50,000	50,000					100,000	RF
City Hall Structural/Safety Improvements		250,000		250,000		250,000	750,000	RF
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.	925,000	1,175,000	875,000	1,125,000	1,745,000	1,155,000	7,000,000	
POLICE								
Police Cruiser Replacement Program	128,250	128,250	128,250	128,250	128,250	128,250	769,500	RF
Records Management/CAD Software				231,938			231,938	RF
TOTAL POLICE	128,250	128,250	128,250	360,188	128,250	128,250	1,001,438	
FIRE & RESCUE								
Ambulance Replacement	205,000				205,000		410,000	RF
Command/Staff Vehicle Replacement	55,000					55,000	110,000	RF
Replacement of South End Paving	56,232						56,232	RF
Central Station Improvements		110,000					110,000	RF
Fire Quint/Pumper Replacement			640,000				640,000	RF
North End Station Traffic Light Improvements			85,000				85,000	RF
Heating Plant South End Station				45,000			45,000	RF
TOTAL FIRE & RESCUE	316,232	110,000	725,000	45,000	205,000	55,000	1,456,232	
COMMUNITY SERVICES - PUBLIC WORKS								
PW Heavy Equipment	200,000	200,000	200,000	293,750	200,000	200,000	1,293,750	RF
General Streets Improvements	1,864,800	1,931,933	2,001,482	2,073,536	2,148,183	2,212,937	12,232,871	OB
General Sidewalk Improvements	100,000	100,000	100,000	100,000	100,000	100,000	600,000	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
EMS Computer Software Upgrade	25,000						25,000	OB
Intersection Reconstruction - Sixth/Venture	50,000		200,000				250,000	DF
Street Reconstruction - Bellamy Road	50,000		200,000				250,000	DF
Street Reconstruction - Floral Avenue & Brick Street*	50,000		200,000				250,000	DF
Street Reconstruction - Mast Rd/Stonewall Drive*	583,000						583,000	DF
Street Reconstruction - Piscataqua/Rabbit Road*	200,000		1,500,000				1,700,000	DF
Street Reconstruction - Silver Street*	1,000,000						1,000,000	DF
Street Reconstruction - Oak/Ham/Ela/Broadway*	1,500,000	1,000,000					2,500,000	DF
TIP - Replace Oak Street Railroad Bridge	2,433,000						2,433,000	RF/GR
Sidewalk - Upper Whittier Street		25,000		250,000			275,000	DF
Street Reconstruction - Roberts Road*		555,000					555,000	DF
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 Avenue				1,500,000			1,500,000	DF
Tuttle Square Traffic Improvements				150,000		1,000,000	1,150,000	DF
Central Avenue Drainage Work*					75,000		75,000	DF
Downtown Traffic Efficiency Improvements					750,000		750,000	DF
Street Reconstruction - Spur Road*					500,000		500,000	DF
TOTAL COMM SERV - PW	8,380,800	4,136,933	4,926,482	5,192,286	6,098,183	3,837,937	32,572,621	
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 Improvements - Amanda Howard	130,000						130,000	RF
Park Infrastructure Replace/Maintenance		100,000		100,000		100,000	300,000	RF
Indoor Pool Heating System Repairs			120,000				120,000	RF
Park Improvements - Garrison Hill Park			250,000				250,000	RF
Henry Law Park Riverwalk Improvements					112,500		112,500	RF
Indoor Pool Solarium						150,000	150,000	RF
TOTAL CULTURE & RECREATION	242,500	212,500	482,500	212,500	225,000	362,500	1,737,500	
PUBLIC LIBRARY								
Library Books and Collections	127,772	129,847	131,964	134,123	136,325	138,572	798,603	OB
Air Conditioning System	126,500						126,500	RF
TOTAL PUBLIC LIBRARY	254,272	129,847	131,964	134,123	136,325	138,572	925,103	
TOTAL CITY DEPARTMENTS	10,247,054	5,892,530	7,269,196	7,069,097	8,537,758	5,677,259	44,692,894	

Capital Improvements Program - FY2017-2022

PROPOSED

All Projects

BOLD = New Project | * = Multi Category Project

UNDERLINED = Change in Schedule | ITALIC = $ Change

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total	Finance Method
EDUCATION								
Transfer to Capital Reserve - Curriculum	10,000	45,000	45,000	10,000	50,000	50,000	210,000	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	20,000	40,000	40,000	40,000	40,000	40,000	220,000	OB
Curriculum Replacement and Upgrade	235,000	100,000	100,000	200,000	100,000	100,000	835,000	RF/OB
Facilities/School Maintenance and Repairs	75,000	75,000	75,000	75,000	75,000	75,000	450,000	OB
Information Technology Replacement & Upgrade	120,000	50,000	100,000	50,000	50,000	50,000	420,000	RF/OB
Garrison Elementary School Improvements	3,300,000	3,600,000					6,900,000	DF
Middle School - Roof Replacement			520,500			500,000	1,020,500	DF
TOTAL EDUCATION	3,810,000	3,960,000	930,500	425,000	365,000	865,000	10,355,500	
TOTAL GENERAL FUND	14,057,054	9,852,530	8,199,696	7,494,097	8,902,758	6,542,259	55,048,394	
SPECIAL REVENUE FUNDS								
SAU Cafeteria Maintenance/Repair/Upgrade	40,000	40,000	40,000	40,000	40,000	40,000	240,000	OB
SAU Light Vehicle Replacement	62,000	50,000	50,000	50,000	50,000	50,000	312,000	OB
Parking Deck - Third Street			3,300,000				3,300,000	DF
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	102,000	90,000	3,390,000	210,000	90,000	2,490,000	6,372,000	
TIF DISTRICT FUNDS								
Cochecho River Dredge Cell Closure	300,000						300,000	DF
Cochecho Riverfront Bank Stabilization	600,000						600,000	DF
Cochecho Riverfront Site Preparation	1,150,000	500,000					1,650,000	DF
Cochecho Riverfront Park Development		300,000			1,000,000		1,300,000	DF
Street/Utility Extension - Waterfront Parcel					2,000,000		2,000,000	DF
Park Improvements - Maglaras Park						1,000,000	1,000,000	DF
TOTAL TIF DISTRICT FUNDS	2,050,000	800,000	0	0	3,000,000	1,000,000	6,850,000	
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*	12,500	12,500	12,500	12,500	12,500	12,500	75,000	OB
Water Main Replacement - City Wide	75,000	75,000	75,000	75,000	75,000	75,000	450,000	RF
Water Meter Replacement	100,000	100,000	100,000	100,000	100,000	100,000	600,000	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
Ireland Well Replacement	500,000						500,000	RF
Water Main - Mast Rd/Stonewall Drive*	117,000						117,000	RF
Water Main Replacement - Main St/Washington St	100,000			1,000,000			1,100,000	DF
Water Main Replacement - Piscataqua/Drew Rds*	300,000	1,000,000	900,000				2,200,000	DF
Water Main Replacement - Richardson Drive	40,000						40,000	RF
Water Main Replacement - Tanglewood Drive*	50,000						50,000	RF
Water Main Replacement - Spaulding Turnpike	250,000						250,000	RF
Water System Facilities Upgrade	800,000	8,300,000		5,400,000			14,500,000	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		100,000	DF
Water Main Replacement - Central Avenue - Upper*					75,000		75,000	DF
Water Main Replacement - Littleworth Road					100,000		100,000	DF
TOTAL WATER FUND	3,159,500	11,552,500	2,102,500	7,402,500	2,002,500	1,002,500	27,222,000	
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*	12,500	12,500	12,500	12,500	12,500	12,500	75,000	OB
Sewer Main Replacements - City Wide	150,000	150,000	150,000	150,000	150,000	150,000	900,000	RF
Sewer Main Replacements - Spaulding Turnpike	800,000						800,000	DF
Pump Station - Mast Rd/Stonewall Drive*	300,000						300,000	DF
Sewer Main Replacement - Floral Avenue		750,000					750,000	DF
Sewer Main Replacement - Oak/Broadway Area*		750,000					750,000	DF
Pump Station Upgrade - Piscataqua			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	2,177,500	2,577,500	1,227,500	1,358,750	1,127,500	1,077,500	9,546,250	
TOTAL OTHER FUNDS	5,337,000	14,130,000	3,330,000	8,761,250	3,130,000	2,080,000	36,768,250	
TOTAL ALL PROJECTS	**21,546,054**	**24,872,530**	**14,919,696**	**16,465,347**	**15,122,758**	**12,112,259**	**105,038,644**	

Capital Improvements Program - FY2017-2022

Debt Financed Portion

BOLD = New Project | * = Multi Category Project

UNDERLINED = Change in Schedule | ITALIC = $ Change

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total	Amort
GENERAL GOVERNMENT								
							0	
TOTAL GENERAL GOV'T	0	0	0	0	0	0	0	
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								
Intersection Reconstruction - Sixth/Venture	50,000		200,000				250,000	20
Street Reconstruction - Bellamy Road	50,000		200,000				250,000	20
Street Reconstruction - Floral Avenue & Brick Street*	50,000		200,000				250,000	20
Street Reconstruction - Mast Rd/Stonewall Drive*	583,000						583,000	20
Street Reconstruction - Piscataqua/Rabbit Road*	200,000		1,500,000				1,700,000	20
Street Reconstruction - Silver Street*	1,000,000						1,000,000	20
Street Reconstruction - Oak/Ham/Ela/Broadway*	1,500,000	1,000,000					2,500,000	20
Sidewalk - Upper Whittier Street		25,000		250,000			275,000	20
Street Reconstruction - Roberts Road*		555,000					555,000	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 Avenue				1,500,000			1,500,000	20
Tuttle Square Traffic Improvements				150,000		1,000,000	1,150,000	20
Central Avenue Drainage Work*					75,000		75,000	15
Downtown Traffic Efficiency Improvements					750,000		750,000	20
Street Reconstruction - Spur Road*					500,000		500,000	20
TOTAL COMM SERV - PW	3,433,000	1,580,000	2,300,000	2,400,000	3,325,000	1,000,000	14,038,000	
CULTURE & RECREATION								
TOTAL CULTURE & RECREATION	0	0	0	0	0	0	0	
PUBLIC LIBRARY								
							0	
TOTAL PUBLIC LIBRARY	0	0	0	0	0	0	0	
TOTAL CITY DEPARTMENTS	3,433,000	1,580,000	2,300,000	2,400,000	3,325,000	1,000,000	14,038,000	
EDUCATION								
Garrison Elementary School Improvements	3,300,000	3,600,000					6,900,000	20
Middle School - Roof Replacement			520,500			500,000	1,020,500	20
TOTAL EDUCATION	3,300,000	3,600,000	520,500	0	0	500,000	7,920,500	
TOTAL GENERAL FUND	6,733,000	5,180,000	2,820,500	2,400,000	3,325,000	1,500,000	21,958,500	

Capital Improvements Program - FY2017-2022

Debt Financed Portion

BOLD = New Project | * = Multi Category Project
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PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total	Amort
SPECIAL REVENUE FUNDS								
Parking Deck - Third Street			3,300,000				3,300,000	20
Parking Deck - School Street						2,400,000	2,400,000	20
TOTAL SPECIAL REVENUE FUNDS	0	0	3,300,000	0	0	2,400,000	5,700,000	
TIF DISTRICT FUNDS								
Cochecho River Dredge Cell Closure	300,000						300,000	20
Cochecho Riverfront Bank Stabilization	600,000						600,000	20
Cochecho Riverfront Site Preparation	1,150,000	500,000					1,650,000	20
Cochecho Riverfront Park Development		300,000			1,000,000		1,300,000	20
Street/Utility Extension - Waterfront Parcel					2,000,000		2,000,000	20
Park Improvements - Maglaras Park						1,000,000	1,000,000	20
TOTAL TIF DISTRICT FUNDS	2,050,000	800,000	0	0	3,000,000	1,000,000	6,850,000	20
COMMUNITY SERVICES - WATER FUND								
Water Main Replacement - Main St/Washington St	100,000			1,000,000			1,100,000	15
Water Main Replacement - Piscataqua/Drew Roads*	300,000	1,000,000	900,000				2,200,000	15
Water System Facilities Upgrade	800,000	8,300,000		5,400,000			14,500,000	20
Water Main Replacement - Oak/Broadway Area*		1,250,000					1,250,000	15
Water Main Replacement - Elm Street Area*			100,000		725,000		825,000	15
Water Main Replacement - Central Avenue - Lower*					100,000		100,000	15
Water Main Replacement - Central Avenue - Upper*					75,000		75,000	15
Water Main Replacement - Littleworth Road					100,000		100,000	15
TOTAL WATER FUND	1,200,000	10,550,000	1,000,000	6,400,000	1,000,000	0	20,150,000	
COMMUNITY SERVICES - SEWER FUND								
Pump Station - Mast Rd/Stonewall Drive*	300,000						300,000	20
Sewer Main Replacements - Spaulding Turnpike	800,000						800,000	15
Sewer Main Replacement - Floral Avenue		750,000					750,000	15
Sewer Main Replacement - Oak/Broadway Area*		750,000					750,000	15
TOTAL SEWER FUND	1,100,000	1,500,000	0	0	0	0	2,600,000	
TOTAL OTHER FUNDS	4,350,000	12,850,000	4,300,000	6,400,000	4,000,000	3,400,000	35,300,000	
TOTAL DEBT FINANCED	**11,083,000**	**18,030,000**	**7,120,500**	**8,800,000**	**7,325,000**	**4,900,000**	**57,258,500**	

Capital Improvements Program - FY2017-2022

Operating Budget Financed Portion

BOLD = New Project | * = Multi Category Project
UNDERLINED = Change in Schedule | ITALIC = $ Change

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total
GENERAL GOVERNMENT							
Transfer to Capital Reserve - Infrastructure & Equip	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000
Transfer to Capital Reserve - Cemetery	125,000	125,000	125,000	125,000	125,000	125,000	750,000
TOTAL GENERAL GOV'T	875,000	875,000	875,000	875,000	875,000	875,000	5,250,000
POLICE							
							0
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	1,864,800	1,931,933	2,001,482	2,073,536	2,148,183	2,212,937	12,232,871
General Sidewalk Improvements	100,000	100,000	100,000	100,000	100,000	100,000	600,000
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
EMS Computer Software Upgrade	25,000						25,000
TOTAL COMM SERV - PW	2,314,800	2,356,933	2,426,482	2,498,536	2,573,183	2,637,937	14,807,871
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	127,772	129,847	131,964	134,123	136,325	138,572	798,603
TOTAL PUBLIC LIBRARY	127,772	129,847	131,964	134,123	136,325	138,572	798,603
TOTAL CITY DEPARTMENTS	3,430,072	3,474,280	3,545,946	3,620,159	3,697,008	3,764,009	21,531,474
EDUCATION							
Transfer to Capital Reserve - Curriculum	10,000	45,000	45,000	10,000	50,000	50,000	210,000
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	20,000	40,000	40,000	40,000	40,000	40,000	220,000
Curriculum Replacement and Upgrade	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Facilities/School Maintenance and Repairs	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Information Technology Replacement & Upgrade	40,000		40,000				80,000
TOTAL EDUCATION	295,000	310,000	350,000	275,000	315,000	315,000	1,860,000
TOTAL GENERAL FUND	3,725,072	3,784,280	3,895,946	3,895,159	4,012,008	4,079,009	23,391,474
SPECIAL REVENUE FUNDS							
SAU Cafeteria Maintenance/Repair/Upgrade	40,000	40,000	40,000	40,000	40,000	40,000	240,000
SAU Light Vehicle Replacement	62,000	50,000	50,000	50,000	50,000	50,000	312,000
McConnell Center Trim Repairs/Painting				120,000			120,000
TOTAL SPECIAL REVENUE FUNDS	102,000	90,000	90,000	210,000	90,000	90,000	672,000
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*	12,500	12,500	12,500	12,500	12,500	12,500	75,000
Water Meter Replacement	100,000	100,000	100,000	100,000	100,000	100,000	600,000
Water Treatment Plant & Well Equipment	75,000	75,000	75,000	75,000	75,000	75,000	450,000
TOTAL WATER FUND	687,500	687,500	687,500	687,500	687,500	687,500	4,125,000
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*	12,500	12,500	12,500	12,500	12,500	12,500	75,000
Sewer Inspection Camera					50,000		50,000
TOTAL SEWER FUND	587,500	587,500	587,500	587,500	637,500	587,500	3,575,000
TOTAL OTHER FUNDS	1,275,000	1,275,000	1,275,000	1,275,000	1,325,000	1,275,000	7,700,000
TOTAL ALL FUNDS	**5,102,072**	**5,149,280**	**5,260,946**	**5,380,159**	**5,427,008**	**5,444,009**	**31,763,474**

Capital Improvements Program - FY2017-2022

Reserve Financed Portion

BOLD = New Project
UNDERLINED = Change in Schedule
* = Multi Category Project
ITALIC = $ Change

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total
GENERAL FUND RESERVE							
Citywide Building Transformer Replacement	50,000	50,000					100,000
City Hall Structural/Safety Improvements		250,000		250,000		250,000	750,000
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
Records Management/CAD Software				113,938			113,938
Ambulance Replacement	205,000				205,000		410,000
Command/Staff Vehicle Replacement	55,000					55,000	110,000
Replacement of South End Paving	56,232						56,232
Central Station Improvements		110,000					110,000
Fire Quint/Pumper Replacement			640,000				640,000
Heating Plant South End Station				45,000			45,000
Public Works Heavy Equipment	200,000	200,000	200,000	293,750	200,000	200,000	1,293,750
Air Conditioning System	126,500						126,500
Total General Fund Reserved Financed	820,982	738,250	968,250	830,938	853,250	633,250	4,844,920
CEMETERY MAINTENANCE RESERVE							
Cemetery Improvements					550,000		550,000
Total Cemetery Maintenance Reserve	0	0	0	0	550,000	0	550,000
TRANSPORTATION RESERVE							
TIP - Transportation Center Repairs						30,000	30,000
TIP - Replace Oak Street Railroad Bridge	243,300						243,300
Total Transportation Reserved Financed	243,300	0	0	0	0	30,000	273,300
PARK IMPROVEMENTS RESERVE							
Park Improvements - Amanda Howard	112,500						112,500
Park Infrastructure Replace/Maintenance		77,500		77,500		77,500	232,500
Indoor Pool Heating System Repairs			120,000				120,000
Park Improvements - Garrison Hill Park			60,000				60,000
Henry Law Park Riverwalk Improvements					112,500		112,500
Indoor Pool Solarium						100,000	100,000
Total Park Improvements Reserve	112,500	77,500	180,000	77,500	112,500	177,500	737,500
POLICE FACILITIES RESERVE							
Records Management/CAD Software				79,000			79,000
Total Police Facilities Reserve	0	0	0	79,000	0	0	79,000
FIRE & RESCUE FACILITIES RESERVE							
Records Management/CAD Software				39,000			39,000
North End Station Traffic Light Improvements			85,000				85,000
Total Fire & Rescue Facilities Reserve	0	0	85,000	39,000	0	0	124,000
RECREATION FACILITIES RESERVE							
Park Improvements - Amanda Howard	17,500						17,500
Park Infrastructure Replace/Maintenance		22,500		22,500		22,500	67,500
Park Improvements - Garrison Hill Park			190,000				190,000
Indoor Pool Solarium						50,000	50,000
Total Recreation Facilities Reserve	17,500	22,500	190,000	22,500	0	72,500	325,000
SCHOOL CURRICULUM RESERVE							
Curriculum Replacement and Upgrade	135,000			100,000			235,000
Total School Curriculum Reserve	135,000	0	0	100,000	0	0	235,000
SCHOOL TECHNOLOGY RESERVE							
Information Tech. Replacement & Upgrade	80,000	50,000	60,000	50,000	50,000	50,000	340,000
Total School Technology Reserve	80,000	50,000	60,000	50,000	50,000	50,000	340,000
Total General Fund Reserved Financed	1,409,282	888,250	1,483,250	1,198,938	1,565,750	963,250	7,508,720

Capital Improvements Program - FY2017-2022

Reserve Financed Portion

BOLD = New Project
UNDERLINED = Change in Schedule
* = Multi Category Project
ITALIC = $ Change

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total
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
Ireland Well Replacement	500,000						500,000
Water Main - Mast Rd/Stonewall Drive*	117,000						117,000
Water Main Replacement - Richardson Drive	40,000						40,000
Water Main Replacement - Tanglewood Drive*	50,000						50,000
Water Main Replacement - Spaulding Turnpike	250,000						250,000
Water Main Replacement - Spur Road*			100,000				100,000
Total Water Fund	1,272,000	315,000	415,000	315,000	315,000	315,000	2,947,000
SEWER FUND CAPITAL RESERVE							
Inflow/Infiltration 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
Sewer Jet Truck Replacement*				281,250			281,250
Total Sewer Fund	490,000	490,000	640,000	771,250	490,000	490,000	3,371,250
TOTAL RESERVE FUNDS	**3,171,282**	**1,693,250**	**2,538,250**	**2,285,188**	**2,370,750**	**1,768,250**	**13,826,970**

Capital Improvements Program - FY2017-2022

Grant Financed Portion

BOLD = New Project
UNDERLINED = Change in Schedule

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total
POLICE							
							0
Total Police	0	0	0	0	0	0	0
COMMUNITY SERVICES - PUBLIC WORKS							
TIP - Replace Oak Street Railroad Bridge	2,189,700						2,189,700
							0
Total Public Works	2,189,700	0	0	0	0	0	2,189,700
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	**2,189,700**	**0**	**0**	**0**	**0**	**0**	**2,189,700**

Existing Funds Portion

BOLD = New Project
UNDERLINED = Change in Schedule

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	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							
							0
Total Culture & Recreation	0	0	0	0	0	0	0
SPECIAL REVENUE							
							0
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 - FY2017-2022

Debt Authorized - Unissued

PROJECT DESCRIPTION	FY11	FY12	FY13	FY14	FY15	FY16	Total	To Be Issued	Unissued	Amort
GENERAL GOVERNMENT										
City Hall Roof/Atrium/Tower Repairs					200,000		200,000	200,000	0	20
TOTAL GENERAL GOV'T	0	0	0	0	200,000	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										
									0	
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
TOTAL COMM SERV - PW	0	755,000	0	1,404,525	635,000	3,975,000	6,769,525	6,769,525	0	
CULTURE & RECREATION										
Park Improvements - Guppey 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	715,000	715,000	0	
TOTAL CITY DEPARTMENTS	0	755,000	0	1,407,004	1,550,000	3,975,000	7,687,004	7,684,525	2,479	
EDUCATION										
High School & Dunaway Field Improvements					571,500	65,700,000	66,271,500	66,271,500	0	20
Regional Career Tech Center Improvements					328,500	7,300,000	7,628,500	7,628,500	0	20
TOTAL EDUCATION	0	0	0	0	900,000	73,000,000	73,900,000	73,900,000	0	
TOTAL GENERAL FUND	0	755,000	0	1,407,004	2,450,000	76,975,000	81,587,004	81,584,525	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
	160,765	0	0	300,000	0	0	460,765	460,765	0	
COMMUNITY SERVICES - WATER FUND										
Water System Facilities Upgrade				1,416,367	3,000,000	2,083,633	6,500,000	6,500,000	0	20
Water Main Replacement - Keating/Birchwood						550,000	550,000	550,000	0	20
TOTAL WATER FUND	0	0	0	1,416,367	3,000,000	2,633,633	7,050,000	7,050,000	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
TOTAL SEWER FUND	0	0	1,700,000	8,937,236	0	3,050,000	13,687,236	13,685,000	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	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	23,648,001	23,645,765	2,236	
TOTAL AUTHORIZED UNISSUED	**160,765**	**755,000**	**1,700,000**	**12,060,607**	**7,900,000**	**82,658,633**	**105,235,005**	**105,230,290**	**4,715**	

Capital Improvements Program - FY2017-2022

Revenues of Debt Financed Projects

( ) indicate increases in revenues or decreases to costs.

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	2023	2024	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	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	11,592,000
High School - Use of School Facility Capital Reserve	450,000								450,000
Total School	1,899,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	12,042,000
Total General Fund	2,058,360	1,608,360	1,608,360	1,608,360	1,608,360	1,608,360	1,608,360	1,608,360	13,316,880
COMMUNITY SERVICES-WATER FUND									
None									-
Total Water Fund	-	-	-	-	-	-	-	-	-
COMMUNITY SERVICES-SEWER FUND									
None									-
									-
Total Sewer Fund	-	-	-	-	-	-	-	-	-
TOTAL REVENUE - DEBT FINANCED	**2,058,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**13,316,880**

Changes to Operating Budget

PROJECT DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	2023	2024	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 2017	2018	2019	2020	2021	2022	2023	2024	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	1,899,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	1,449,000	12,042,000
Total General Fund	2,058,360	1,608,360	1,608,360	1,608,360	1,608,360	1,608,360	1,608,360	1,608,360	13,316,880
COMMUNITY SERVICES-WATER FUND	-	-	-	-	-	-	-	-	-
COMMUNITY SERVICES-SEWER FUND	-	-	-	-	-	-	-	-	-
Total Enterprise Funds	-	-	-	-	-	-	-	-	-
TOTAL OPERATING BUDGET IMPACT	**2,058,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**1,608,360**	**13,316,880**

Capital Improvements Program - FY2017-2022

Trust Reserve Funds

Projected Balances

DESCRIPTION	2017	Fiscal Year 2018	2019	2020	2021	2022	Total
General Fund Reserve							
Beginning Balance	204,844	192,874	263,606	104,515	82,338	37,794	
Fund Transfers In	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000
Other Income	58,500	58,500	58,500	58,500	58,500	58,500	351,000
Investment Income	512	482	659	261	206	94	2,215
Other Use							-
CIP Transfers Out	(820,982)	(738,250)	(968,250)	(830,938)	(853,250)	(633,250)	(4,844,920)
Ending Balance	192,874	263,606	104,515	82,338	37,794	213,139	
Parks Improvements Reserve							
Beginning Balance	42,990	68,097	103,267	36,026	71,116	71,293	
Fund Transfers In	112,500	112,500	112,500	112,500	112,500	112,500	675,000
Other Income	25,000						25,000
Investment Income	107	170	258	90	178	178	982
Other Use							-
CIP Transfers Out	(112,500)	(77,500)	(180,000)	(77,500)	(112,500)	(177,500)	(737,500)
Ending Balance	68,097	103,267	36,026	71,116	71,293	6,472	
Cemetery Maintenance Reserve							
Beginning Balance	81,232	212,635	344,367	476,428	608,819	191,541	
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	203	532	861	1,191	1,522	479	4,788
Other Use							-
CIP Transfers Out	-	-	-	-	(550,000)	-	(550,000)
Ending Balance	212,635	344,367	476,428	608,819	191,541	323,220	
Transportation Reserve							
Beginning Balance	90,788	7,715	167,734	328,154	488,974	650,197	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	160,000	160,000	160,000	160,000	160,000	160,000	960,000
Investment Income	227	19	419	820	1,222	1,625	4,334
Other Use							-
CIP Transfers Out	(243,300)	-	-	-	-	(30,000)	(273,300)
Ending Balance	7,715	167,734	328,154	488,974	650,197	781,822	
Police Facilities Reserve							
Beginning Balance	50,946	58,074	65,219	72,382	563	7,564	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	7,000	7,000	7,000	7,000	7,000	7,000	42,000
Investment Income	127	145	163	181	1	19	637
Other Use							-
CIP Transfers Out	-	-	-	(79,000)	-	-	(79,000)
Ending Balance	58,074	65,219	72,382	563	7,564	14,583	
Fire & Rescue Facilities Reserve							
Beginning Balance	68,870	83,042	97,250	26,493	40,559	54,660	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	14,000	14,000	14,000	14,000	14,000	14,000	84,000
Investment Income	172	208	243	66	101	137	927
Other Use							-
CIP Transfers Out	-	-	(85,000)	-	-	-	(85,000)
Ending Balance	83,042	97,250	26,493	40,559	54,660	68,797	

Capital Improvements Program - FY2017-2022

Trust Reserve Funds

Projected Balances

DESCRIPTION	2017	Fiscal Year 2018	2019	2020	2021	2022	Total
Recreation Facilities Reserve							
Beginning Balance	275,971	285,161	289,374	126,097	129,913	156,237	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	26,000	26,000	26,000	26,000	26,000	26,000	156,000
Investment Income	690	713	723	315	325	391	3,157
Other Use							-
CIP Transfers Out	(17,500)	(22,500)	(190,000)	(22,500)	-	(72,500)	(325,000)
Ending Balance	285,161	289,374	126,097	129,913	156,237	110,128	
Arena Improvements Reserve							
Beginning Balance	125,025	135,338	145,676	156,041	166,431	176,847	
Fund Transfers In	-	-	-	-	-	-	-
Other Income	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Investment Income	313	338	364	390	416	442	2,263
Other Use							-
CIP Transfers Out	-	-	-	-			-
Ending Balance	135,338	145,676	156,041	166,431	176,847	187,289	
School Facility Reserve							
Beginning Balance	391,354	67,332	192,501	317,982	443,777	569,886	
Fund Transfers In	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Other Income	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Investment Income	978	168	481	795	1,109	1,425	4,957
Other Use	(450,000)	-	-	-	-	-	(450,000)
CIP Transfers Out	-	-	-	-	-	-	-
Ending Balance	67,332	192,501	317,982	443,777	569,886	696,311	
School Curriculum							
Beginning Balance	180,021	55,028	100,035	145,042	55,049	105,056	
Fund Transfers In	10,000	45,000	45,000	10,000	50,000	50,000	210,000
Other Income							-
Investment Income	7	7	7	7	7	7	42
Other Use							-
CIP Transfers Out	(135,000)	-	-	(100,000)	-	-	(235,000)
Ending Balance	55,028	100,035	145,042	55,049	105,056	155,063	
School Technology							
Beginning Balance	130,015	70,020	60,025	40,030	30,035	20,040	
Fund Transfers In	20,000	40,000	40,000	40,000	40,000	40,000	220,000
Other Income							-
Investment Income	5	5	5	5	5	5	30
Other Use							-
CIP Transfers Out	(80,000)	(50,000)	(60,000)	(50,000)	(50,000)	(50,000)	(340,000)
Ending Balance	70,020	60,025	40,030	30,035	20,040	10,045	
School Athletic Equipment							
Beginning Balance	50,015	50,020	50,025	50,030	50,035	50,040	
Fund Transfers In	-	-	-	-	-	-	-
Other Income							-
Investment Income	5	5	5	5	5	5	30
Other Use							-
CIP Transfers Out	-	-	-	-			-
Ending Balance	50,020	50,025	50,030	50,035	50,040	50,045	

Capital Improvements Program - FY2017-2022

Trust Reserve Funds

Projected Balances

DESCRIPTION	Fiscal Year 2017	2018	2019	2020	2021	2022	Total
Water Fund Cap Reserve							
Beginning Balance	2,895,311	2,150,549	2,360,925	2,471,828	2,683,007	2,874,715	
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			80,000
Investment Income	7,238	5,376	5,902	6,180	6,708	7,187	38,591
Other Use							-
CIP Transfers Out	(1,272,000)	(315,000)	(415,000)	(315,000)	(315,000)	(315,000)	(2,947,000)
Ending Balance	2,150,549	2,360,925	2,471,828	2,683,007	2,874,715	3,066,902	
Sewer Fund Cap Reserve							
Beginning Balance	542,906	579,263	615,711	502,250	257,256	292,899	
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	1,357	1,448	1,539	1,256	643	732	6,976
Other Use							-
CIP Transfers Out	(490,000)	(490,000)	(640,000)	(771,250)	(490,000)	(490,000)	(3,371,250)
Ending Balance	579,263	615,711	502,250	257,256	292,899	328,631	

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General Government Projects

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

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$875,000
Reserve Financed	$50,000
Debt Financed	$0
Grant Financed	$0
Total	$925,000

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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): FY14 $575,000; FY15 $575,000, FY16 $575,000	
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 2017	$575,000	Other	Operating Budget	Choose an item.
Program year FY 2018	$575,000	Other	Operating Budget	Choose an item.
Program year FY 2019	$575,000	Other	Operating Budget	Choose an item.
Program year FY 2020	$575,000	Other	Operating Budget	Choose an item.
Program year FY 2021	$575,000	Other	Operating Budget	Choose an item.
Program year FY 2022	$575,000	Other	Operating Budget	Choose an item.
TOTAL SIX YEARS	$3,450,000			
After Sixth Year	$575,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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 Add a new item to 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): Add a new project	
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 up-grades 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 2015	$125,000	Other	Operating Budget	Choose an item.
Program year FY 2016	$125,000	Other	Operating Budget	Choose an item.
Program year FY 2017	$125,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: Citywide Building Transformer Replacement	2. Category General Government	3. Priority High
4. Location 288 Central Avenue	5. Purpose of Project Request Add a new item to 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 resulting from audit with JCI. | FY16 $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**	
Program year FY 2017	$50,000	Improvements to Buildings	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$150,000			
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	09/10/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$250,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2019	$250,000	Improvements to Buildings	Capital Reserve	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	Capital Reserve	Choose an item.
Program year FY 2022	$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	09/10/2015 603-516-6450

1. Project Title Cemetery Improvements	2. Category Gen. Govt.	3. Priority Low
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): FY 14 $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**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$550,000	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2022	$0	Choose an item	Choose an item.	Choose an item.
TOTAL SIX YEARS	$550,000	Note:		
After Sixth Year		10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 603-516-6450

1. Project Title: Chapel Restoration	1. Project Title Chapel Restoration	3. Priority Low
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: City Hall Boiler Replacement	2. Category General Government	3. Priority Low
4. Location 288 Central Avenue	5. Purpose of Project Request Add a new item to 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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 2021	$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	09/11/2015 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 Add a new item to 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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 2021	$30,000	Improvements to Buildings	Capital Reserve	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		

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Police Projects

Police Cruiser Replacement Program
Records Management/CAD Software Upgrade

Proposed FY17 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	07/21/2015 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 FY 2013 $126,000, FY 2014 $126,000, FY 2015 $126,000	
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 2017	$128,250	Auto/Light Truck	Operating Budget	Choose an item.
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.
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	08/12/2015 603-742-4646

1. Project Title: Public Safety Records Management/CAD Software Upgrade	2. Category Police	3. Priority Medium
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$231,938	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.
TOTAL SIX YEARS	756,000	**Public Safety Police and Fire Impact Fees, plus Capital Reserve to be used.**		
After Sixth Year	$126,000	10B. Source of Cost Estimate: Past 5 year history of State bid		

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Fire Projects

Ambulance Replacement
Command/Staff Vehicle Replacement
Replacement of South End Paving
Central Station Improvements
Fire Quint/Pumper Replacement
North End Station Traffic Light Improvements
Heating Plant South End Station

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$0
Reserve Financed	$316,232
Debt Financed	$0
Grant Financed	$0
Total	$316,232

Department Contact Person, Title	Fire and Rescue Eric Hagman, Interim Fire Chief	Date Phone Number	07/17/2015 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 2017, Replace 2005 ambulance In 2021, Replace 2009 Ambulance	9. Justification & Useful Life The life expectancy of an ambulance running under the conditions that the City of Dover requires is 7 years; 3.5 years as front line, 3.5 years as a backup. In our case, we have extended usable life of these rigs to over 11 years. 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 2017	$205,000	Auto/Light Truck	Capital Reserve	Choose an item.
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	$205,000	Auto/Light Truck	Capital Reserve	Choose an item.
Program year FY 2022	$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	$410,000			
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, Interim Fire Chief	Date Phone Number	07/17/2015 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 2002 command vehicle in FY17 Replacement of 2004 staff vehicle in FY22	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 2002 Chevy Tahoe which will have over 100,000 miles and 15 years of service. This vehicles has been placed out of service due to rust and maintenance issue The staff vehicle will replace a 2004 Chevy Silverado. This vehicle is used to tow the Fire safety trailer to the local schools. This vehicle will be 18 yrs old and has rust issues.	

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 2017	$55,000	Auto/Light Truck	Capital Reserve	Choose an item.
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	$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, Interim Fire Chief	Date Phone Number	07/17/2015 603-516-6148

1. Project Title: Replacement of South End Paving	2. Category Fire and Rescue	3. Priority High
4. Location South 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. 56	7. Project History (Previous CIP Year or connection to other projects): FY 2017 – Project progressed through six year process	
8. Description Replacement of South End Station Ramp (Paving)	9. Justification & Useful Life: This is the replacement of the base and the paving at the South End Fire Station ramp. The ramp is showing signs of deterioration. The paving has pot holes and cracks and there are ruts that have formed under the weight of the truck traffic. This project would replace the clay base with a proper base and install pavement.	

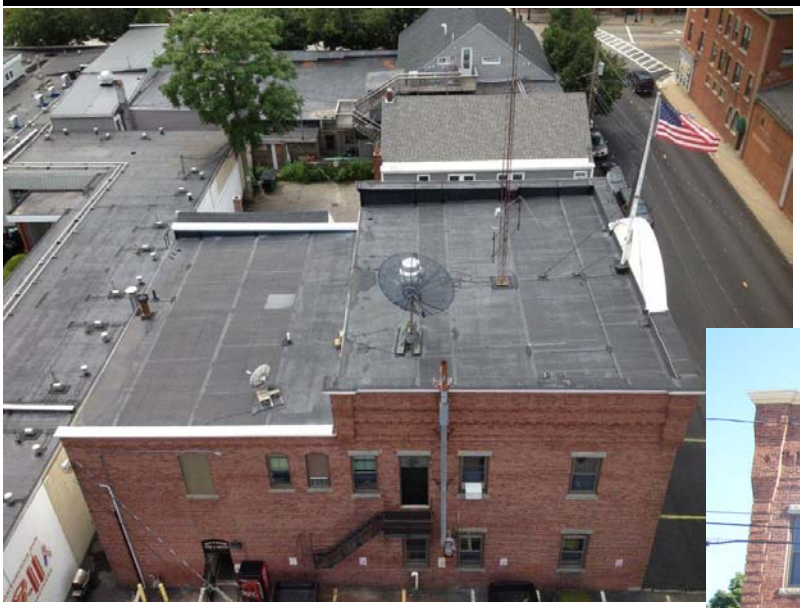
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$56,232	Improvements to Buildings	Capital Reserve	Choose an item.
Program year FY 2018	$0	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.
TOTAL SIX YEARS	$56,232			
After Sixth Year	$0	10B. Source of Cost Estimate: Staff		

South End Station Ramp Replacement is Needed.

Department Contact Person, Title	Fire and Rescue Eric Hagman, Interim Fire Chief	Date Phone Number	07/17/2015 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**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$110,000	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.
TOTAL SIX YEARS	$110,000			
After Sixth Year	$0	10B. Source of Cost Estimate: Staff		



Central Fire Station

Department Contact Person, Title	Fire and Rescue Eric Hagman, Interim Fire Chief	Date Phone Number	07/17/2015 603-516-6148

1. Project Title: Fire Quint/ Pumper Replacement	2. Category Fire and Rescue	3. Priority Medium
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	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. This vehicle has a 55' ladder on top of it. This is part of our ongoing vehicle replacement program.	

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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$600,000	Heavy Equipment	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.
TOTAL SIX YEARS	$600,000			
After Sixth Year	$0	10B. Source of Cost Estimate: Staff		

Quint/Pumper to be replaced

An example of a new Quint/Pumper to be purchased

Department Contact Person, Title	Fire and Rescue Eric Hagman, Interim Fire Chief	Date Phone Number	07/17/2015 603-516-6148

1. Project Title: North End Station Traffic Light Improvements- Emergency Traffic Signals	2. Category Fire and Rescue	3. Priority Medium
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$85,000	Machinery and Equipment	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.
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, Interim Fire Chief	Date Phone Number	07/17/2015 603-516-6148

1. Project Title: Heating Plant for South End Station	2. Category Fire and Rescue	3. Priority Low
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 heaters	9. Justification & Useful Life: This unit will be over 30 years old and the life expectancy of this boiler was 20 years. This will also change the fuel to Natural Gas unless that has been done during operation budgets. This current system provides heat and hot water to the 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$45,000	Machinery and 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.
TOTAL SIX YEARS	$45,000			
After Sixth Year	$0	10B. Source of Cost Estimate: Staff		

Heating Plant to be Replaced at the South End Station

Public Works Projects

PW Heavy Equipment
General Streets Improvements
General Sidewalk Improvements
Bridge Improvements
Drainage System Improvements
Traffic Signal Upgrades
EMS Computer Software Upgrade
Intersection Reconstruction - Sixth/Venture
Street Reconstruction - Bellamy Road
Street Reconstruction - Floral Avenue & Brick Street*
Street Reconstruction - Mast Road
Street Reconstruction - Piscataqua/Rabbit Road*
Street Reconstruction - Silver Street*
Street Reconstruction - Oak/Ham/Ela/Broadway*
TIP - Replace Oak Street Railroad Bridge
Sidewalk - Upper Whittier Street
Street Reconstruction - Roberts Road*
Street Reconstruction - Elm/Summer
Bridge Replacement - County Farm
Bridge Replacement - Route 108
Street Reconstruction - Atlantic Avenue
Tuttle Square Traffic Improvements
Central Avenue Drainage Work*
Downtown Traffic Efficiency Improvements
Street Reconstruction - Spur Rd*

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$2,314,800
Reserve Financed	$200,000
Debt Financed	$3,433,000
Grant Financed	$2,433,000
Total	$9,380,800

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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. FY2015 $200,000 | FY2016 $200,000	
8. Description 1996 Chevrolet Top Kick 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 2017	$200,000	Heavy Equipment	Capital Reserve	Choose an item.
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	$293,750	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2021	$200,000	Heavy Equipment	Capital Reserve	Choose an item.
Program year FY 2022	$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 Chevrolet Top Kick dump truck to be Replaced

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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): FY2015 $1,800,000 approved in CIP – adjusted to $1M 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 2017	$1,864,800	Other	Operating Budget	Choose an item.
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.
TOTAL SIX YEARS	$12,232,871	**Beginning in FY 17 a 3.5% increase has been added, based upon trends in paving costs**		
After Sixth Year	$2,223,369	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	09/10/2015 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): FY2015 $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 2017	$100,000	Other	Operating Budget	Choose an item.
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.
TOTAL SIX YEARS	$600,000			
After Sixth Year	$100,000	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	09/10/2015 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): FY 2015 $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 2017	$100,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 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): FY 2015 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 2017	$150,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 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):FY04-$72,650 for Phase I which included improvements to the Central Avenue corridor. FY14 -$187,000 for phase III approved in—Adjusted to $79,000 in operating budget FY2015 - $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 2017	$75,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: EMS Computer/Software Upgrade	2. Category Public Works	3. Priority High
4. Location: 131 Central Avenue	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): Would tie into Energy Management System improvements resulting from audit with JCI.	
8. Description Upgrade of computer and current telephone modem dependent system to IP/cable network with upgraded software for managing heating and cooling systems in several municipal buildings i.e. McConnell Center, Library, City Hall, Indoor Pool, Arena and Public Works.	9. Justification & Useful Life Upgrade provides improved reliability of communication between remote locations and control center. Would not pay for two phone lines. Increased efficiency of operating staff.	

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 2017	$25,000	Improvements to Buildings	Operating Budget	Choose an item.
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.
TOTAL SIX YEARS	$25,000			
After Sixth Year		10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 603-516-6450

1. Project Title: Intersection Reconstruction—Sixth/Venture	2. Category Public Works	3. Priority Medium
4. Location Sixth Street and Venture Drive	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 include the design and reconfiguration of the intersection of Sixth Street and Venture Drive. The changes will widen the turning lanes and accommodate larger vehicles.	9. Justification & Useful Life The intersection currently is not designed for larger truck traffic movements. Vehicles travel in more than one lane, when turning onto and from Venture Drive.	

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 2017	$50,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$200,000	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.
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	09/10/2015 603-516-6450

1. Project Title: PW-Reconstruction Bellamy Road	2. Category Public Works	3. Priority Medium
4. Location Bellamy 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. 66	7. Project History (Previous CIP Year or connection to other projects): Bellamy Road from Dunaway Field to 66 Bellamy Road was reconstructed 10 years ago	
8. Description This project will include the design for drainage, sidewalks and street reconstruction from 66 Bellamy Road to Durham 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 Roadways, drainage and some portions of sidewalks are in poor condition and in need of replacement. PCI Code 70	

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 2017	$50,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$200,000	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.
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	09/10/2015 603-516-6450

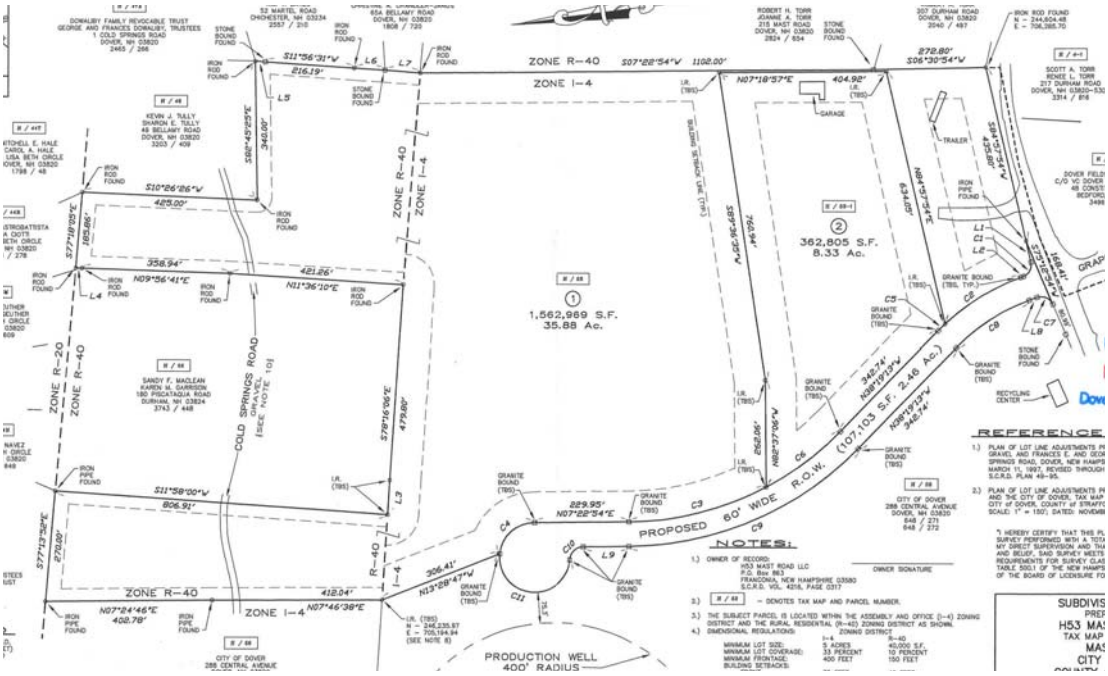
1. Project Title: Floral Avenue & Brick Street Reconstruction	2. Category Public Works	3. Priority Medium
4. Location Floral Avenue & Brick Street	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Updates to Recommendations, Transportation, p. 11	7. Project History (Previous CIP Year or connection to other projects): FY2016 Sewer reconstruction	
8. Description Roadway reconstruction and drainage improvements on Floral Avenue and Brick Street.	9. Justification & Useful Life Drainage system is inadequate and many complaints have been received from abutters. Roadway is in disrepair. PCI Code: 59	

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 2017	$50,000	Design Engineering	Debt Financing.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$200,000	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.
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	09/10/2015 603-516-6450

1. Project Title Mast Road/Stonewall Drive Improvements	2. Category Public Works	3. Priority High
4. Location Mast Road/Stonewall Drive	5. Purpose of Project Request Add a new item to the CIP	
6. Master Plan Chapter, Section and page # Updates to Recommendations, Transportation, p. 11	7. Project History (Previous CIP Year or connection to other projects): New Project	
8. Description Create a public roadway into a 50 acre parcel to allow for Industrial Development, and make sidewalk, lighting and other improvements to Mast Road.	9. Justification & Useful Life The roadway infrastructure, including sidewalks, lighting and widening of Mast Road will facilitate increased economic development activity.	

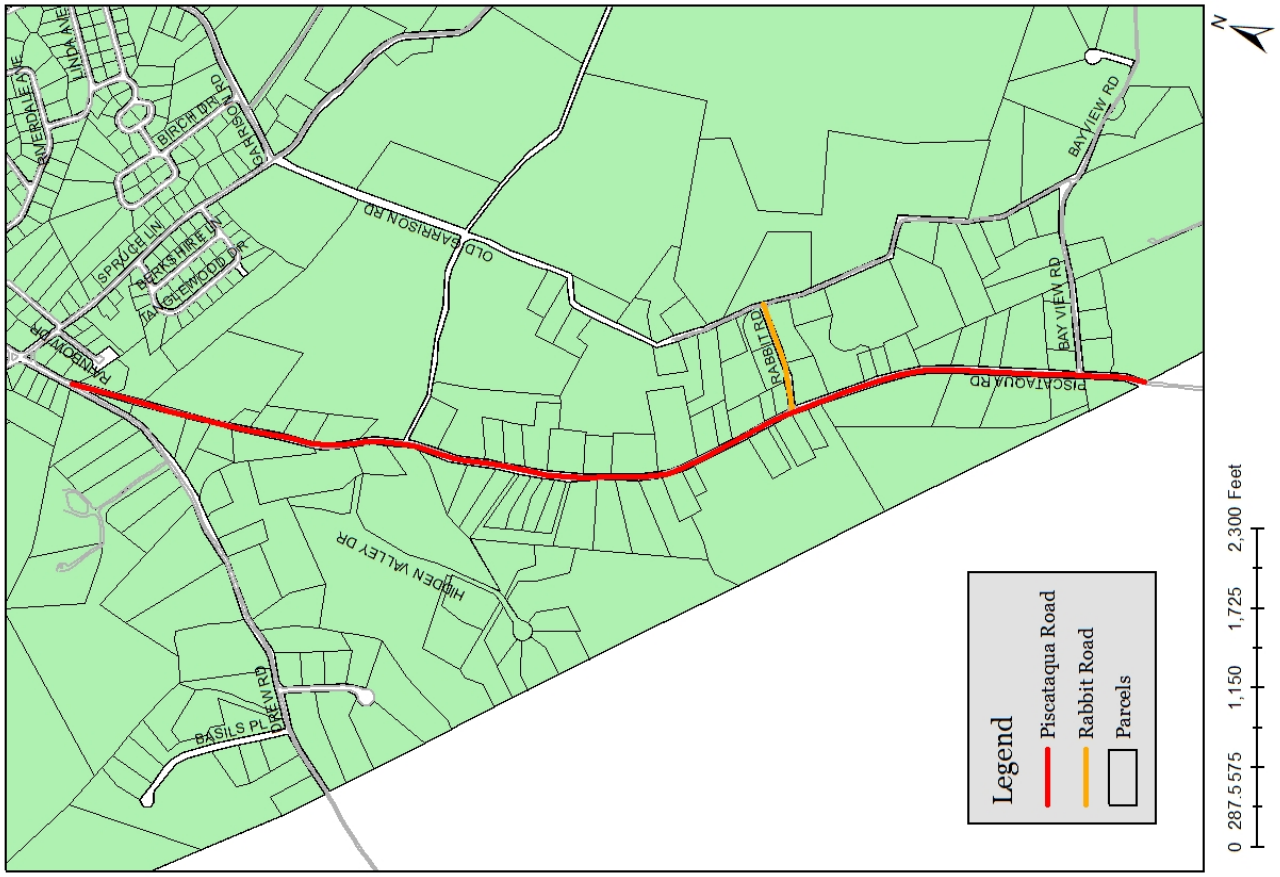
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$583,000	Other	Debt Financing	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose 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.
TOTAL SIX YEARS	$583,000	**Note: Project is connected to Land Development Agreement**		
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	09/10/2015 603-516-6450

1. Project Title: Piscataqua/Rabbit Road Reconstruction	2. Category Public Works	3. Priority High
4. Location Piscataqua & Rabbit 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 includes the design and reconstruction of Piscataqua Road and Rabbit Road.	9. Justification & Useful Life Piscataqua Road is a thoroughfare to Route 4 and in need of repair. Rabbit Road is a small road off of Piscataqua that needs improvements and due to its close proximity to the larger project it makes economic sense to combine the projects. PCI Code: 43	

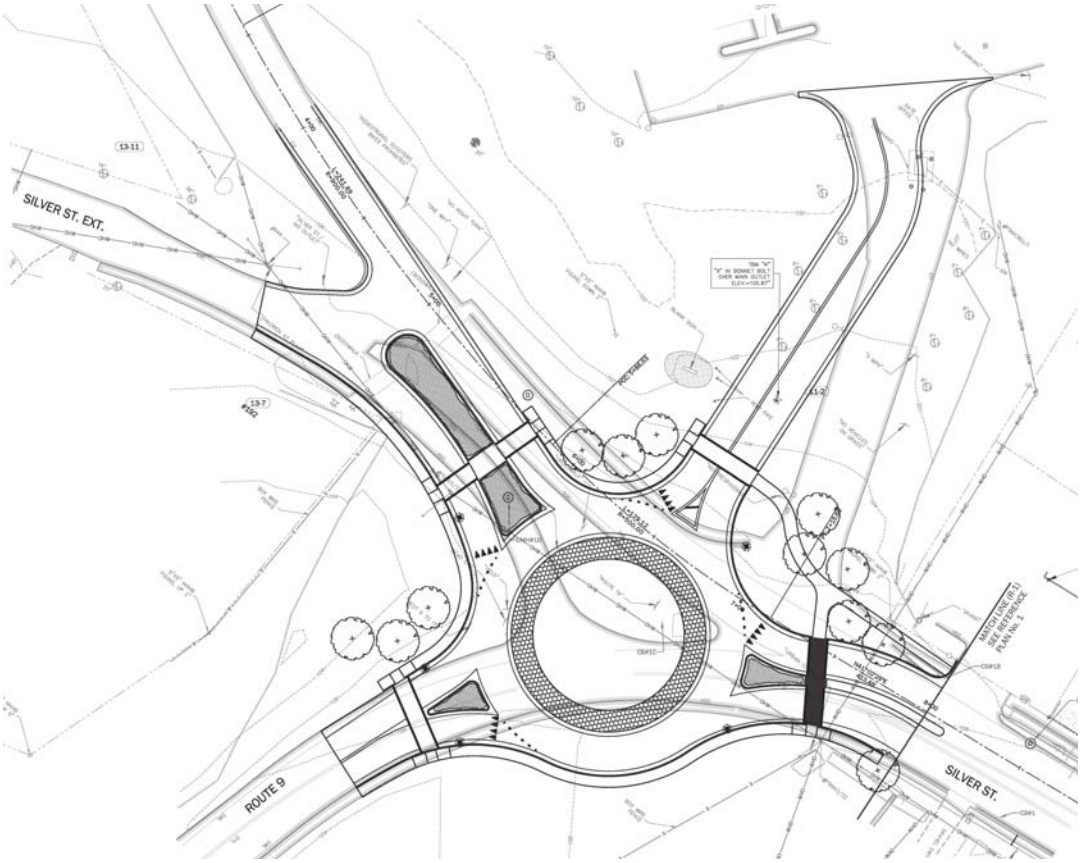
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$200,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$1,500,000	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.
TOTAL SIX YEARS	$1,700,000			
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	09/10/2015 603-516-6450

1. Project Title Silver Street Reconstruction	2. Category Public Works	3. Priority High
4. Location Silver Street	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Updates to Recommendations, Transportation, p. 11	7. Project History (Previous CIP Year or connection to other projects): FY13-$150,000 Water Design, FY13-$400,000 Roadway Design, FY15-$850,000 Water Construction. Added out years for reconstruction of intersection with Exit 8.	
8. Description Create a roundabout where Silver Street and Exit 8 intersect. 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 This intersection is outdated and in need of traffic calming aspects. PCI Code: 36	

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 2017	$1,000,000	Other	Debt Financing	Choose an item.
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.
TOTAL SIX YEARS	$1,000,000	**Note: Project is connected to Land Development Agreement**		
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	09/10/2015 603-516-6450

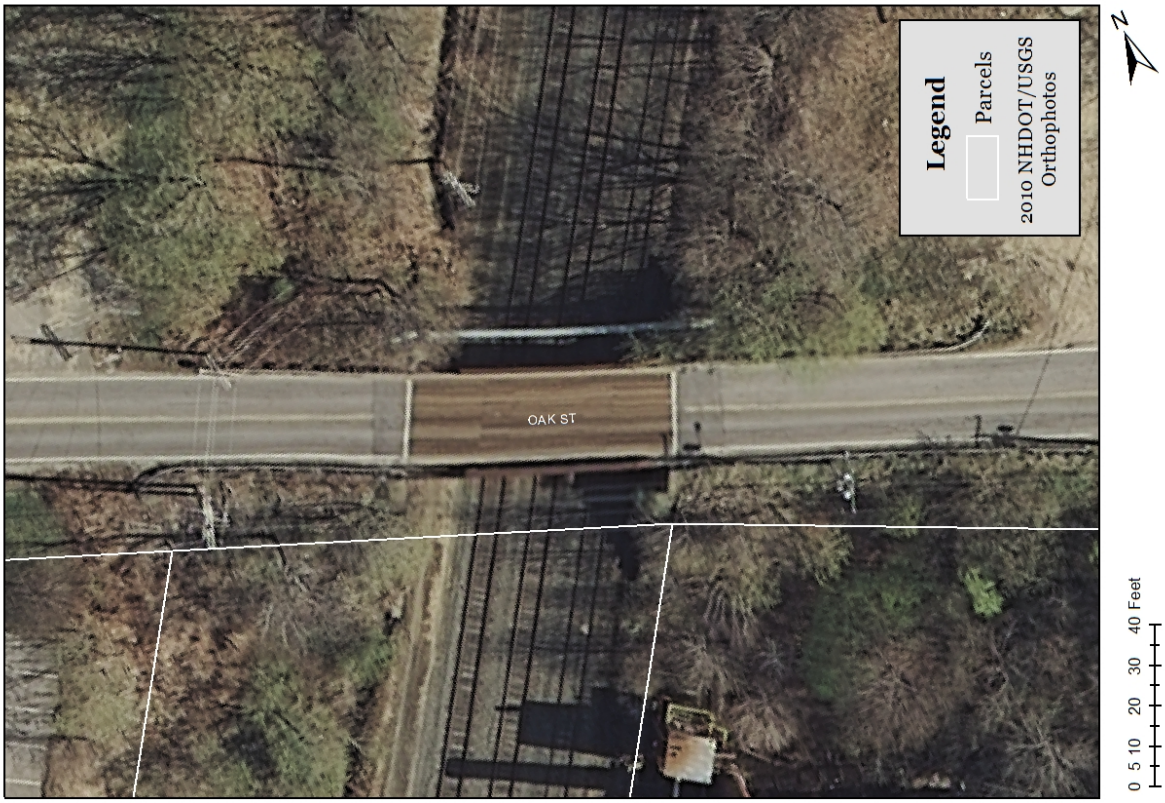
1. Project Title: Oak/Broadway Area Reconstruction	2. Category Public Works	3. Priority Medium
4. Location: Oak/Ham/Ela/Broadway area streets	5. Purpose: Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11	7. Project History (Previous CIP Year or connection to other projects): This project will work in conjunction with the water and sewer replacements in these areas. FY2015-Water design $125k Broadway FY2015 Sewer design $75k Ela Area FY2015 $250K design	
8. Description: This project will design and repair the infrastructure in the Oak, Ham, Ela and Broadway area of the city. The project will include improvements to streets, drainage, roadways and sidewalks. The project will also include water and sewer design and repairs funded by the appropriate enterprise fund. 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 This entire area of the city is in need of drainage repair and replacement along with street and sidewalk improvements. PCI Code: 54 Average for 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 2017	$1,500,000	Other	Debt Financing	Choose an item.
Program year FY 2018	$1,000,000	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.
TOTAL SIX YEARS	$2,500,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	Planning Christopher Parker, Director of Planning	Date Phone Number	09/10/2015 603-516-6450

1. Project Title Replace Oak Street Railroad Bridge (municipally-managed state project funded with 80% federal funds and 10% state funds-TIP Project) in State Ten Year Plan Vision Element	2. Category Public Works	3. Priority High Needs of state, railroad company and city coincide at this location.
4. Location RR bridge on Oak Street located mostly in Rollinsford.	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Updates to Recommendation, Transportation, p.11	7. Project History (Previous CIP Year or connection to other projects): TIP project funded through Trans Reserve and engineering funded in previous years of TIP in CIP for FY'16. This adds design and construction costs for FY'17. Project cost would be reimbursed 80% when project added to state ten year plan.	
8. Description Replace aging, sub-standard wood & iron bridge with new structure that allows all weight vehicle loading, including fire and emergency vehicles and public transit buses.	9. Justification & Useful Life thirty years. Currently heavy vehicles cannot legally cross this bridge, including public transit buses, school buses, fire and emergency vehicles or commercial trucks forcing these vehicles to drive all the way into the downtown to again travel north. RR needs greater height.	

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 2017	$2,433,000	Other	Grant Funding	Capital Reserve
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.
TOTAL SIX YEARS	$2,433,000	**Note: Project cost would be reimbursed 80% when project added to state ten year plan.**		
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	09/10/2015 603-516-6450

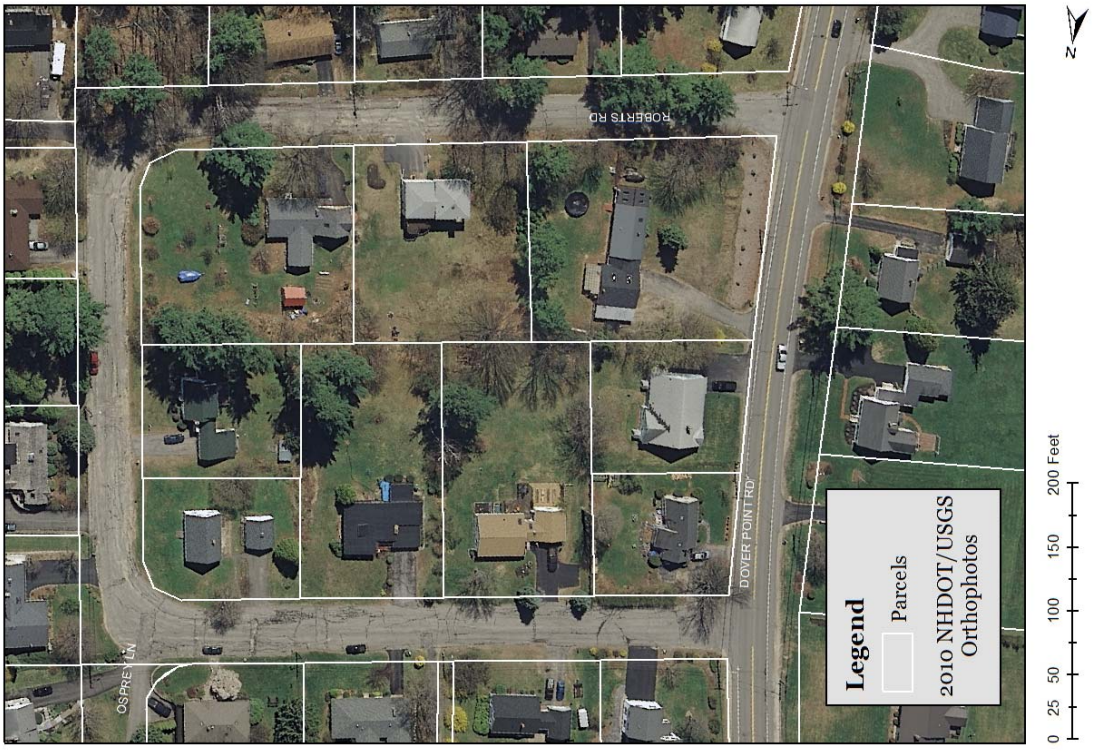
1. Project Title: Whittier Street Sidewalk	2. Category Public Works	3. Priority High
4. Location Whittier Street between Sixth Street and Glenwood Avenue	5. Purpose of Project Request Add a new item to the CIP	
6. Master Plan Chapter, Section and page # Transportation	7. Project History (Previous CIP 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	9/10/2015 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	

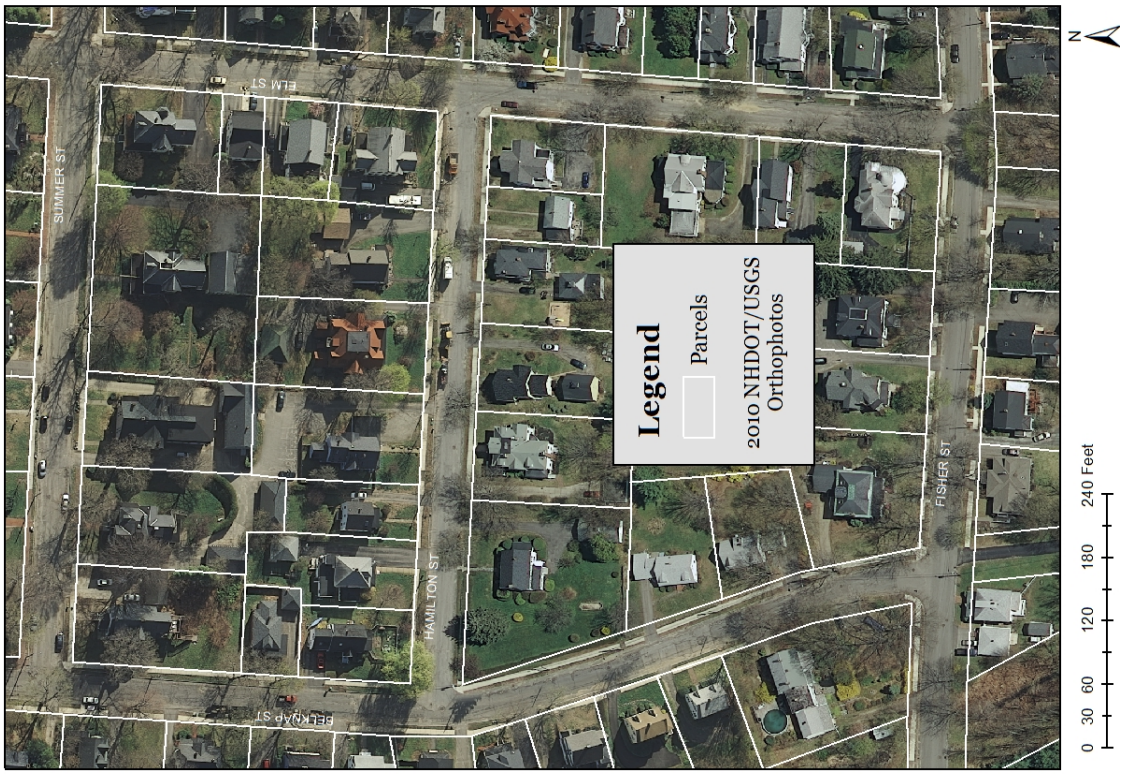
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$555,000	Other	Debt 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.
TOTAL SIX YEARS	$555,000			
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	09/10/2015 603-516-6450

1. Project Title: PW-Reconstruction of Elm, Summer, Hamilton, Belknap	2. Category Public Works	3. Priority Medium
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):	
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

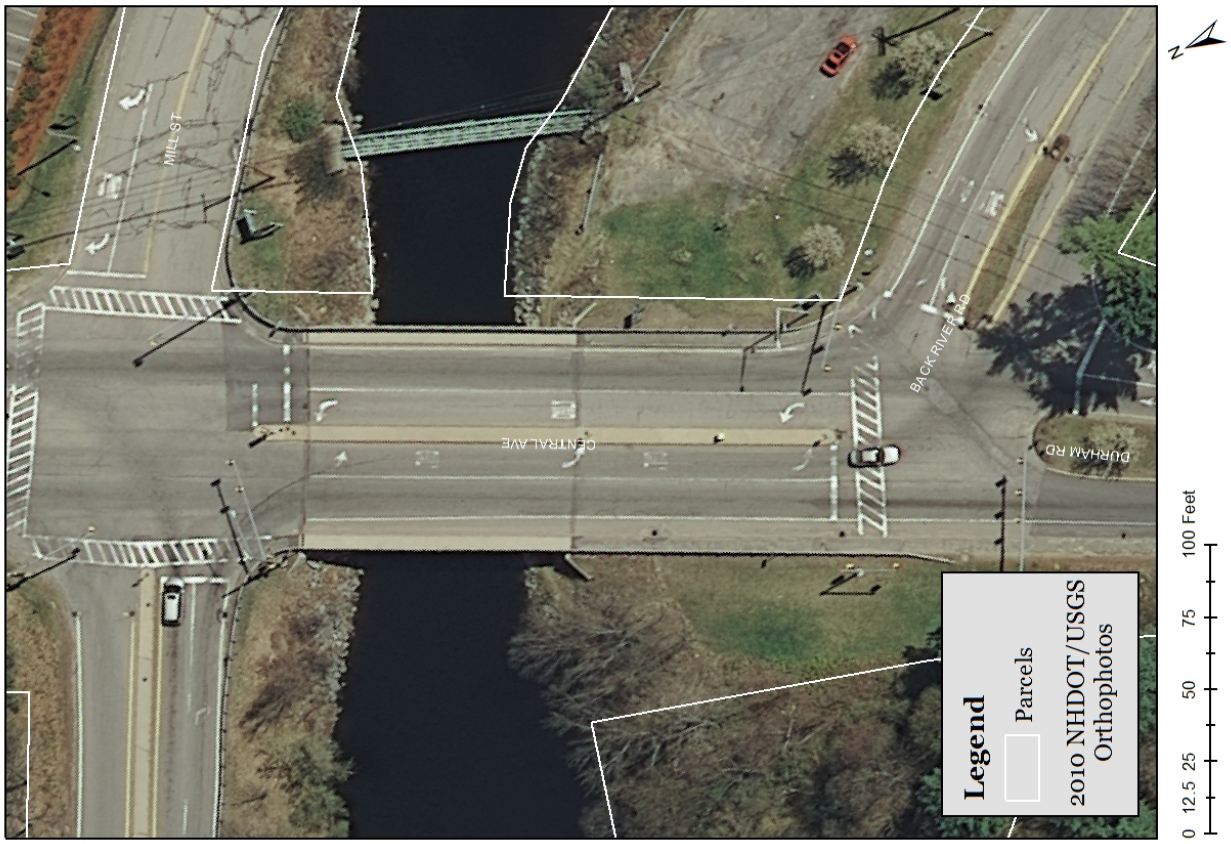
1. Project Title: Bridge Replacement County Farm	2. Category Public Works	3. Priority Medium
4. Location County Farm Road	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Updates on Recommendations, Transportation, p. 11	7. Project History (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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: Tuttle Square Traffic Improvements	2. Category Public Works	3. Priority Medium
4. Location Court St/Silver St Intersection	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): Street reconstruction of Silver Street (FY 2015, FY 2017)	
8. Description Project would design the realignment of Court and Silver Streets to create a four way intersection with Central Avenue. 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 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. This change will increase traffic flow efficiency, and allow for safer turning movements for those entering Central Avenue from Court Street. Useful life: TBD by design	

10. Cost (Years 2 – 6 use an inflationary factor of 4%)

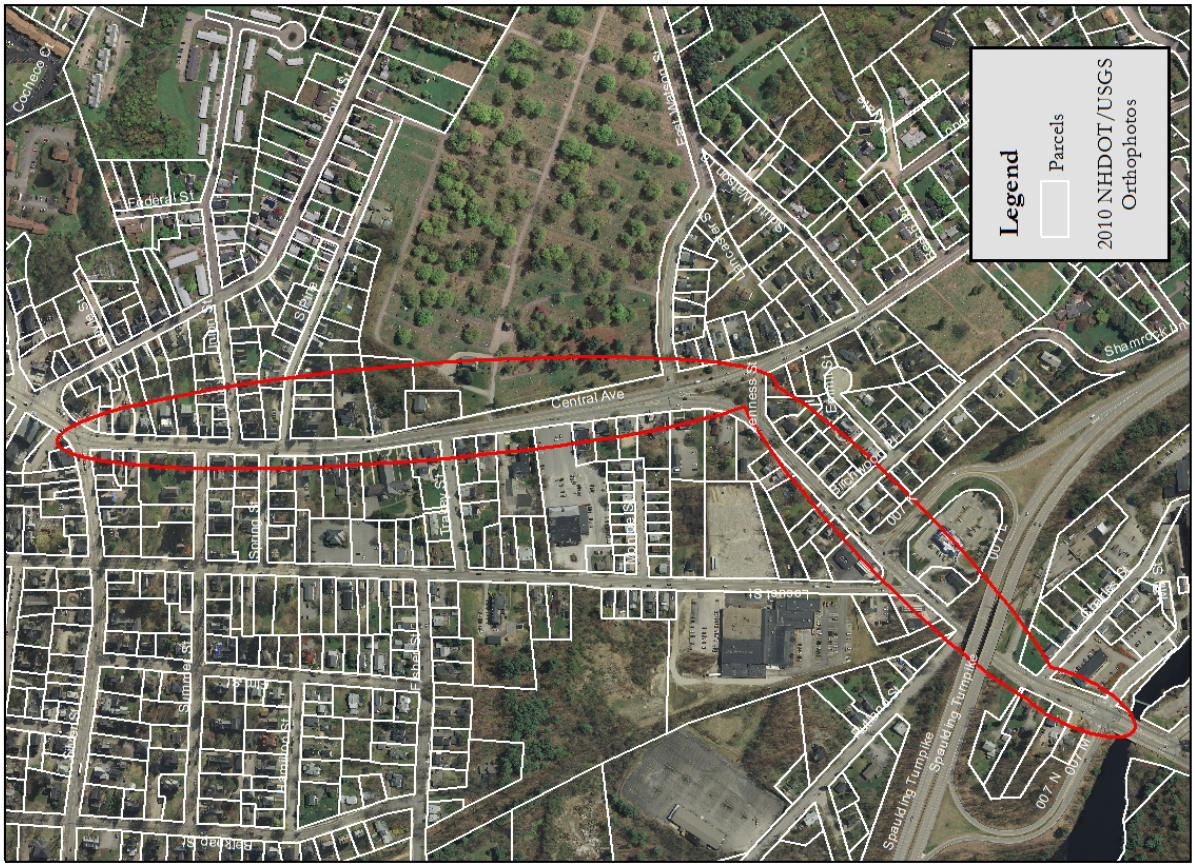
10A. Recommended Sources of Financing

BUDGET FY	TOTAL (Interest cost not included)	COST ELEMENT	PRINCIPAL	SECONDARY
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 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	

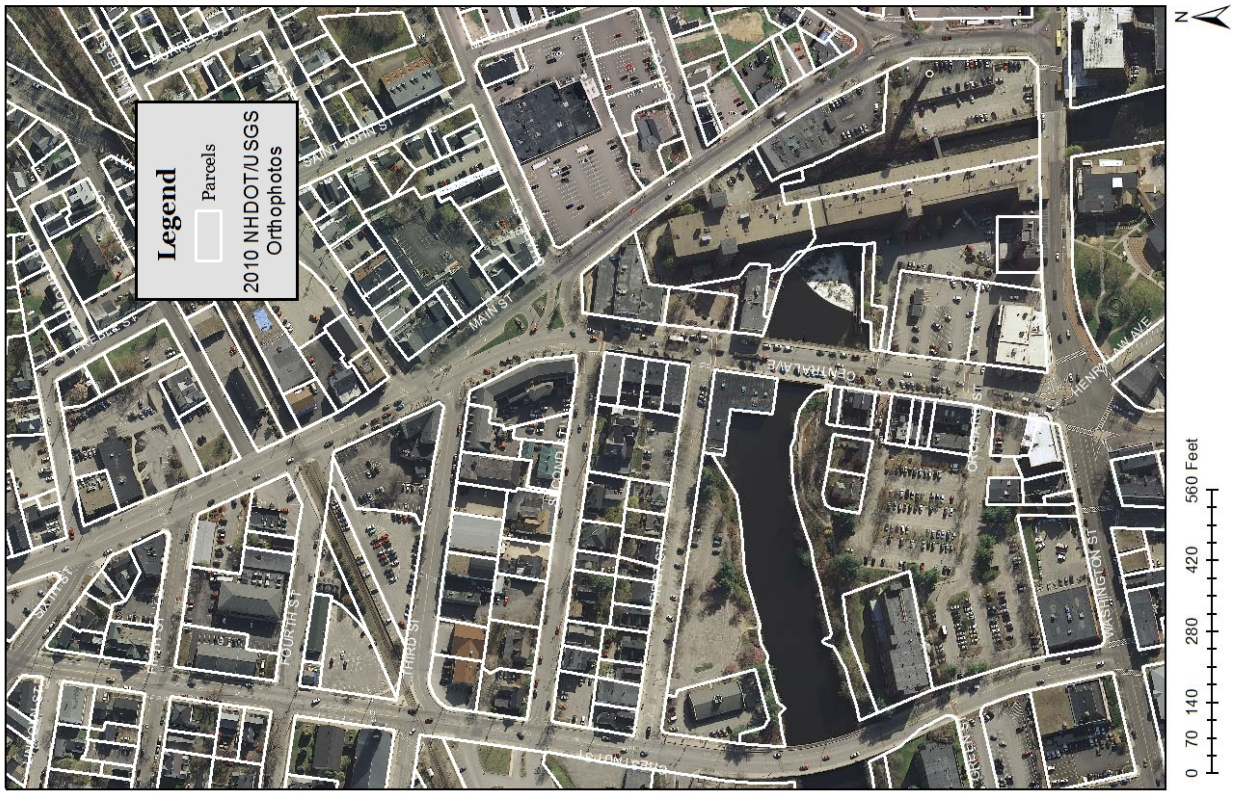
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	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.
TOTAL SIX YEARS	$75,000			
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	09/10/2015 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 incorpating safe ways across the wide upper square where there is none today. This would promote shopping across the expanse. Useful life: 20-30 years	

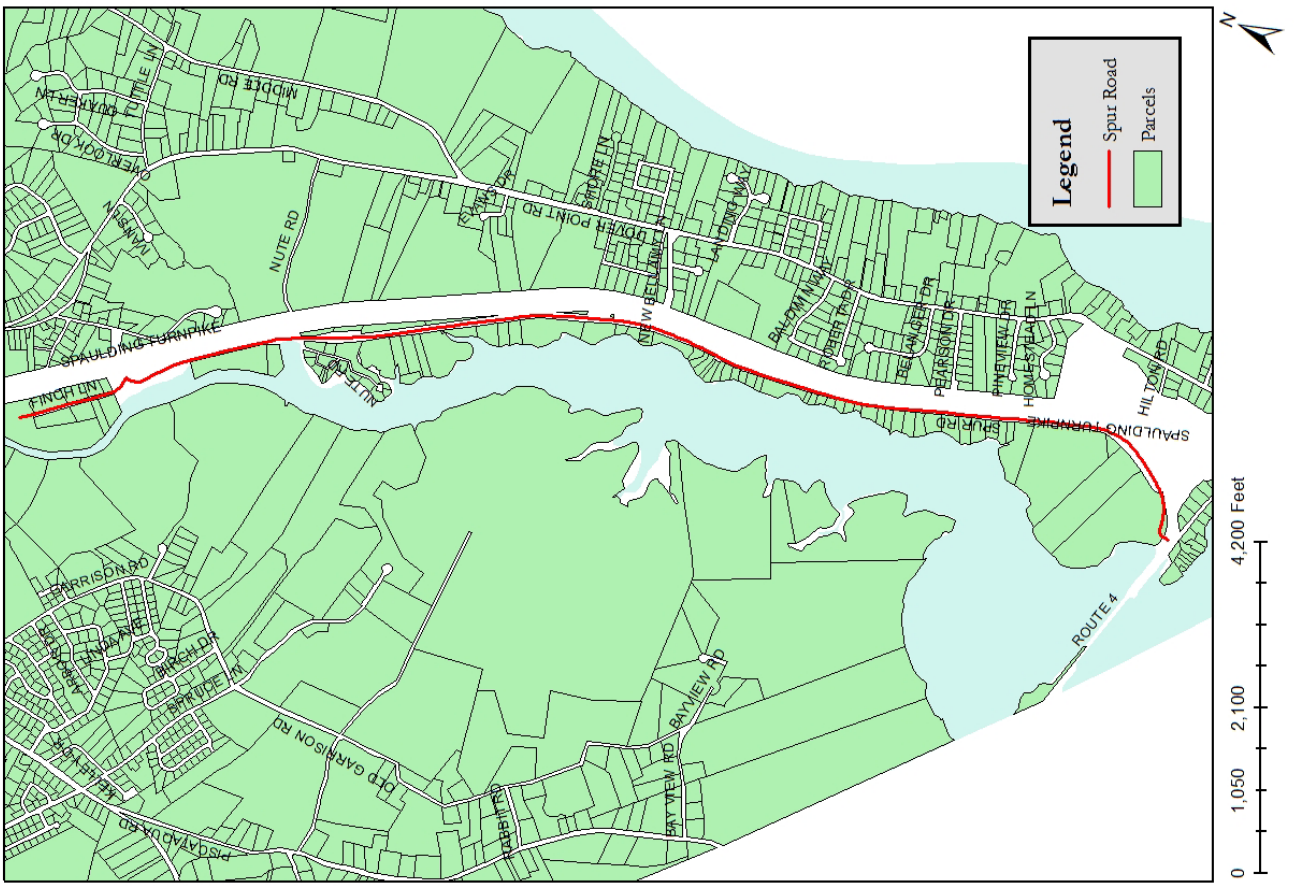
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A.Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	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	$750,000	Other	Debt Financing	Choose an item.
Program year FY 2022	$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	$750,000			
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	09/10/2015 603-516-6450

1. Project Title: Street Reconstruction Spur Road	2. Category Public Works	3. Priority Low
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
TOTAL SIX YEARS	$500,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



Culture and Recreation Projects

Transfer to Capital Reserve - Park/Playground
Park Improvements - Amanda Howard
Park Infrastructure Replace/Maintenance
Indoor Pool Heating System Repairs
Park Improvements - Garrison Hill Park
Henry Law Park Riverwalk Improvements
Indoor Pool Solarium

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$112,500
Reserve Financed	$130,000
Debt Financed	$0
Grant Financed	$0
Total	$242,500

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/22/2015 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 $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 2017	$112,500	Other	Operating Budget	Special Revenue
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	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	07/22/2015 603-516-6401

1. Project Title: Amanda Howard Park Renovation	2. Category Culture and Recreation	3. Priority High
4. Location Fairview 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): Was listed in FY12 and moved to FY15, moved to FY17	
8. Description Amanda Howard Park is a small neighborhood park that needs expansion and upgrading of the area and equipment to meet the neighborhoods needs. Purchase of adjoining properties, major tree work, terracing of sloped areas, purchase and installation of new playground equipment, decorative fencing, landscaping and gardens are included in this project.	9. Justification & Useful Life The park is one of the oldest in the City and is in a densely populated neighborhood with small house lots and minimal open space. This park if improved can add a tremendous value to the area and create a healthy open space and environment for neighbors to interact. The useful life will be at least 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 2017	$130,000	Other	Capital Reserve	Capital Reserve
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.
TOTAL SIX YEARS	$130,000	**Note: $17,500 of the funds would be impact fees collected for recreation**		
After Sixth Year		10B. Source of Cost Estimate: Staff		

An Example of Amanda Howard Park Infrastructure in need of Repair

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/22/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$100,000	Other	Capital Reserve	Capital Reserve
Program year FY 2019	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2020	$100,000	Other	Capital Reserve	Capital Reserve
Program year FY 2021	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	$100,000	Other	Capital Reserve	Capital Reserve
TOTAL SIX YEARS	$300,000	**Note: $22,500 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	07/22/2015 603-516-6401

1. Project Title: Indoor Pool Heating System	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): 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 todays 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$120,000	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.
TOTAL SIX YEARS	$120,000			
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	07/22/2015 603-516-6401

1. Project Title: Garrison Hill Park Renovation	2. Category Culture and Recreation	3. Priority Medium
4. Location Fairview Drive	5. Purpose of Project Request Add a new project to 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	07/22/2015 603-516-6401

1. Project Title: Henry Law Park River Walk Improvements	2. Category Culture and Recreation	3. Priority Low
4. Location Henry Law Park	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Recreation, Recommendations, p. 45	7. Project History (Previous CIP Year or connection to other projects): It was in the CIP listed for 2011 and was moved back and then removed entirely. It relates to the completion of the section of the Riverwalk that was built in 1996. FY13 – $125,000 for Playground etc improvements	
8. Description: The area behind the Butterfield Building now the home of the Children's Museum of NH is a dead end of the Riverwalk and needs to be connected to Washington St. to make a complete loop.	9. Justification & Useful Life: The completion of this section of the Riverwalk is long overdue and will enhance the riverfront area. The area behind the Children's Museum could be landscaped and be an attractive entrance to the rear of Henry Law Park. It will last for 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$112,500	Other	Capital Reserve	Choose an item.
Program year FY 2022	$0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	$112,500			
After Sixth Year	$0	10B. Source of Cost Estimate: Staff		

Area of Unfinished Henry Law Park Riverwalk

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/22/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
TOTAL SIX YEARS	$150,000	**Note: Recreation Impact Fees and Capital Reserve will be used**		
After Sixth Year		10B. Source of Cost Estimate: Staff		

Examples of Indoor Pool Lighting in need of Repair

Public Library Projects

Library Books and Collections
Air Conditioning System

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$127,772
Reserve Financed	$126,500
Debt Financed	$0
Grant Financed	$0
Total	$254,272

Department Contact Person, Title	Public Library Cathy Beaudoin, Director	Date Phone Number	07/15/2015 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). FY2015 = $123,694.	
8. Description: Capital Account 4748 ($99,742) plus a portion of the Fund Balance in Library Fines acct 3455 ($23,952). Funds ongoing purchases of library materials. Including: hardcover and soft cover books paperbacks, fiction, non-fiction, reference books, DVDs, spoken word audio and music CDs for adults, teens and children.	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**	**SECONDARY**
Program year FY 2017	$127,772	Other	Operating Budget	Special Revenue
Program year FY 2018	$129,847	Other	Operating Budget	Special Revenue
Program year FY 2019	$131,964	Other	Operating Budget	Special Revenue
Program year FY 2020	$134,123	Other	Operating Budget	Special Revenue
Program year FY 2021	$136,325	Other	Operating Budget	Special Revenue
Program year FY 2022	$138,572	Other	Operating Budget	Special Revenue
TOTAL SIX YEARS	$ 798,603	**Special Revenue is Fine money.**		
After Sixth Year	$140,863	10B. Source of Cost Estimate: 3% annual appropriation increase.		

Department Contact Person, Title	Public Library Cathy Beaudoin, Director	Date Phone Number	07/15/2015 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): Continuation of 1988 project, which installed AC in new addition.	
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 2017	$126,500	Improvements to Buildings	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$126,500			
After Sixth Year		10B. Source of Cost Estimate: Vendor		

sample image for reference

An Example of an Air Conditioning Unit

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Education Projects

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

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$295,000
Reserve Financed	$215,000
Debt Financed	$3,300,000
Grant Financed	$0
Total	$3,810,000

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 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 2017	$10,000	Other	Operating Budget	Choose an item.
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	$10,000	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.
TOTAL SIX YEARS	$210,000			
After Sixth Year	$80,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 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 2017	$50,000	Other	Operating Budget	Choose an item.
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.
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	08/19/2015 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 2017	$20,000	Other	Operating Budget	Choose an item.
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.
TOTAL SIX YEARS	$200,000			
After Sixth Year	$50,000	10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 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 2017	$235,000	Other	Operating Budget	Capital Reserve
Program year FY 2018	$100,000	Other	Operating Budget	Capital Reserve
Program year FY 2019	$100,000	Other	Operating Budget	Capital Reserve
Program year FY 2020	$200,000	Other	Operating Budget	Capital Reserve
Program year FY 2021	$100,000	Other	Operating Budget	Capital Reserve
Program year FY 2022	$100,000	Other	Operating Budget	Capital Reserve
TOTAL SIX YEARS	$835,000	**Note: Funding from Capital Reserves to be used in conjunction with general Operating Budget funds.**		
After Sixth Year		10B. Source of Cost Estimate: Staff		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 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**	**COST ELEMENT**	**PRINCIPAL**
Program year FY 2017	$75,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2018	$75,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2019	$75,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2020	$75,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2021	$75,000	Improvements to Buildings	Operating Budget	Choose an item.
Program year FY 2022	$75,000	Improvements to Buildings	Operating Budget	Choose an item.
TOTAL SIX YEARS	$450,000			
After Sixth Year		10B. Source of Cost Estimate: Architect		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 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**	**COST ELEMENT**	**PRINCIPAL**
Program year FY 2017	$120,000	Other	Capital Reserves	Operating Budget
Program year FY 2018	$50,000	Other	Capital Reserves	Operating Budget
Program year FY 2019	$100,000	Other	Operating Budget	Capital Reserves
Program year FY 2020	$50,000	Other	Operating Budget	Capital Reserves
Program year FY 2021	$50,000	Other	Operating Budget	Capital Reserves
Program year FY 2022	$50,000	Other	Operating Budget	Capital Reserves
TOTAL SIX YEARS	$420,000	**Note: Capital Reserve funds are used in conjunction with general Operating Budget and eRate reimbursements.**		
After Sixth Year		10B. Source of Cost Estimate: Architect		

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 603-516-6800

1. Project Title Garrison Elementary School Improvements	2. Category Education	3. Priority High
4. Location Garrison Elementary School, Garrison Road	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): Project had been in CIP, and was removed in 2012.	
8. Description • Mechanical and ventilation systems, plumbing and electrical upgrades • Upgrade Life Safety Systems • Window/door replacement • Cafeteria/Kitchen improvements/upgrades • Upgrade accessibility standards • Remodel and enlarge twenty-five classrooms to NH state standards • Stage Area	9. Justification & Useful Life The renovation project for the Garrison School had been in the CIP queue several years ago but was removed when the moratorium on state building aid was imposed. Garrison Elementary School remains in need of renovations and improvements to correct a variety of life safety, accessibility and efficiency issues as well as to create a 21st Century learning environment. Key issues to be addressed include the removal of all hazardous materials within the building, improving ventilation systems, upgrading to sustainable energy solutions, replacing sliding glass doors and, in general, bringing the building up to current codes.	

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 2017	$3,300,000	Improvements to Buildings	Debt Financing	Grant Funded
Program year FY 2018	$3,600,000	Improvements to Buildings	Debt Financing	Grant Funded
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.
TOTAL SIX YEARS	$6,900,000	**Note: Will apply for State Building Aid, when program resumes**		
After Sixth Year		10B. Source of Cost Estimate: Architect		

Examples of Outdated Areas at GES

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 603-516-6800

1. Project Title: Dover Middle School Roof Replacement	2. Category Education	3. Priority Medium
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$500,500	Improvements to Buildings	Debt Financing	Choose an item.
TOTAL SIX YEARS	$1,020,500			
After Sixth Year		10B. Source of Cost Estimate: Architect		

Views of the Roof at DMS

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Special Revenue Projects

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

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$0
Reserve Financed	$120,000
Debt Financed	$0
Grant Financed	$0
Total	$120,000

Department Contact Person, Title	School Dr. Elaine Arbour, Superintendent	Date Phone Number	08/19/2015 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 2017	$40,000	Improvements to Buildings	Special Revenue	Choose an item.
Program year FY 2018	$40,000	Improvements to Buildings	Special Revenue	Choose an item.
Program year FY 2019	$40,000	Improvements to Buildings	Special Revenue	Choose an item.
Program year FY 2020	$40,000	Improvements to Buildings	Special Revenue	Choose an item.
Program year FY 2021	$40,000	Improvements to Buildings	Special Revenue	Choose an item.
Program year FY 2022	$40,000	Improvements to Buildings	Special Revenue	Choose an item.
TOTAL SIX YEARS	$240,000	**Note: Funding from Cafeteria revenue fund balance**		
After Sixth Year		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	08/15/2015 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.	

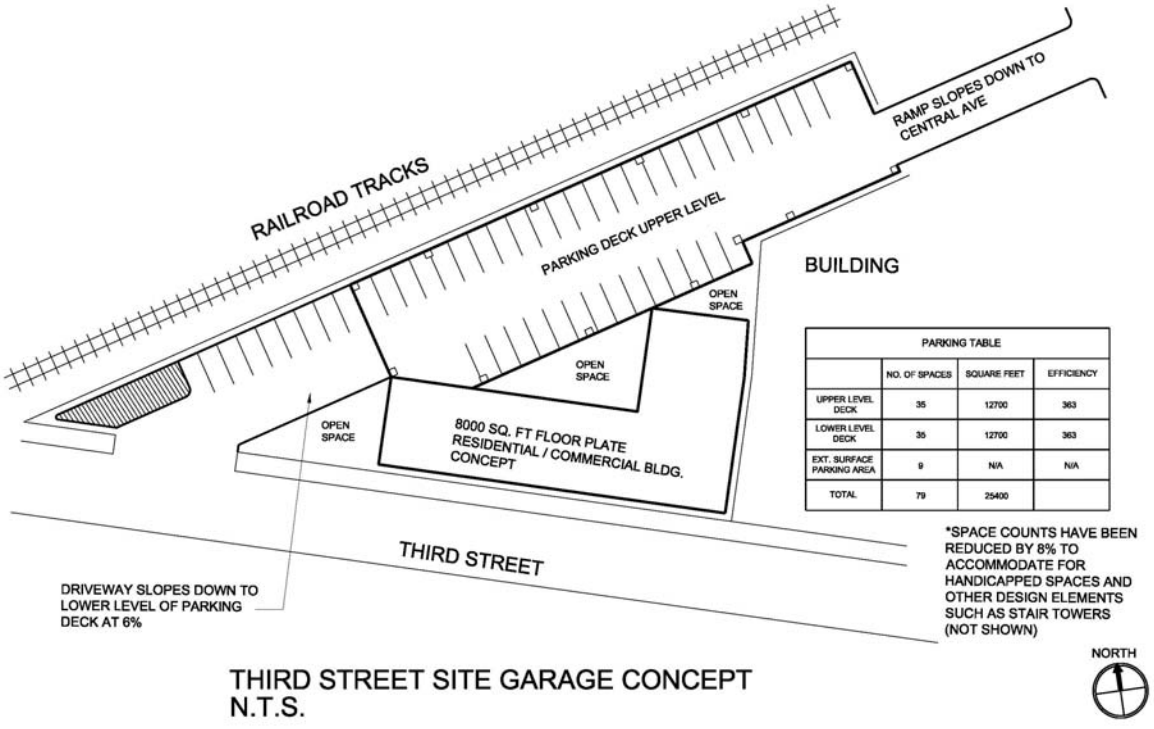
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$62,000	Auto/Light Truck	Special Revenue	Capital Reserves
Program year FY 2018	$50,000	Auto/Light Truck	Special Revenue	Capital Reserves
Program year FY 2019	$50,000	Auto/Light Truck	Special Revenue	Capital Reserves
Program year FY 2020	$50,000	Auto/Light Truck	Special Revenue	Capital Reserves
Program year FY 2021	$50,000	Auto/Light Truck	Special Revenue	Capital Reserves
Program year FY 2022	$50,000	Auto/Light Truck	Special Revenue	Capital Reserves
TOTAL SIX YEARS	$312,000	**Note: Facilities Rental Income Special Revenue Fund to be utilized in conjunction with Capital Reserve.**		
After Sixth Year		10B. Source of Cost Estimate:		

SAU Light Vehicles to be Replaced

Department Contact Person, Title	Police Anthony F. Colarusso, Chief	Date Phone Number	08/12/2015 603-742-4646

1. Project Title: Parking Deck – Third Street	2. Category Special Revenue	3. Priority Medium
4. Location Third 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.	9. Justification & Useful Life To enable future downtown commercial and residential expansion. Allows for the spreading 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$3,300,000	Building Construction	Special Revenue	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.
TOTAL SIX YEARS	$3,300,000	**Parking fees to pay towards bonds, and special assessment district**		
After Sixth Year		10B. Source of Cost Estimate:		



THIRD STREET SITE GARAGE CONCEPT
N.T.S.

Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	Date Phone Number	07/22/2015 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 wooden 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$120,000	Improvements to Buildings	Operating Budget	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.
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	08/12/2015 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.	9. Justification & Useful Life To enable future downtown commercial and residential expansion. Allows for the spreading 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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 River Dredge Cell Closure
Cochecho Riverfront Bank Stabilization
Cochecho Riverfront Site Preparation
Cochecho Riverfront Park Development
Street/Utility Extension - Waterfront parcel
Park Improvements Maglaras Park

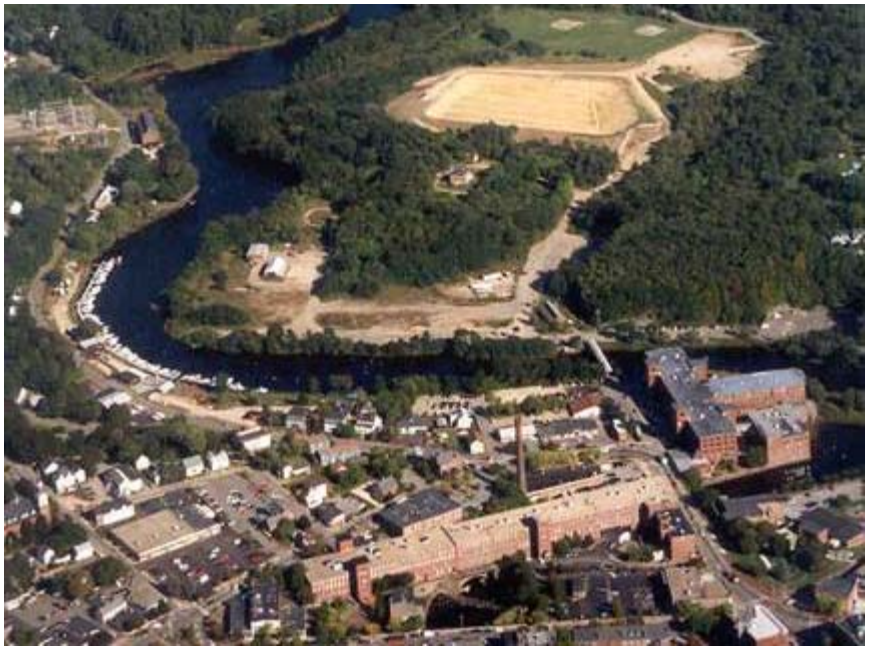
Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$0
Reserve Financed	$0
Debt Financed	$2,050,000
Grant Financed	$0
Total	$2,050,000

Department Contact Person, Title	Planning Christopher Parker, Planning Director	8/27/2014	09/10/2015 603-516-6008

1. Project Title Cochecho River Dredge Cell Closure	2. Category TIF	3. Priority High
4. Location Adjacent to River St parcel	5. Purpose of Project Request Add a new item to 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 capping and closing the site of the materials removed from the Cochecho River during the dredging that occurred over the previous ten years. Work includes ensuring that the cell is properly decommissioned and closed as per the approved plan for the site.	9. Justification & Useful Life (If Road reconstruction PCI Code) The cell was created to receive materials from the Cochecho River, and was always intended to be closed once the material and other materials had been inserted. The capping includes creating a potential site for parking or other accessory uses for the waterfront development and Maglaras park 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 2017	$300,000	Other	Debt Financing	Choose an item.
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.
TOTAL SIX YEARS	$300,000	**Note: Waterfront TIF**		
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		

Approximate location of Cochecho River Dredge Cell



Department Contact Person, Title	Planning Christopher Parker, Planning Director	8/27/2014	09/10/2015 603-516-6008

1. Project Title Cochecho Riverfront Bank Stabilization	2. Category TIF	3. Priority Medium
4. Location Along the Cochecho River at the end of River St.	5. Purpose of Project Request Add a new item to 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 Cochecho Riverbank, to ensure that the soil erosion that currently occurs is curtailed, and stabilized, so that development of the adjacent waterfront property can be undertaken.	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.	

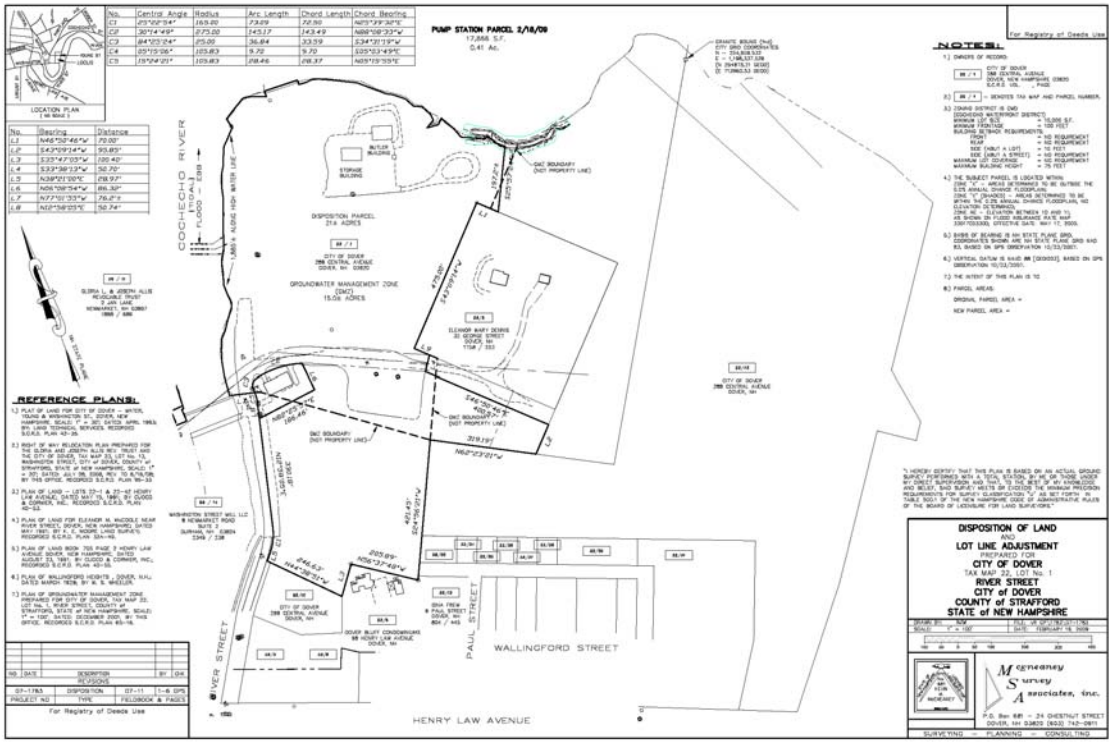
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$1,500,000	Other	Special Revenue	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.
TOTAL SIX YEARS	$1,500,000	**Note: Waterfront TIF**		
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		

Approximate location of Cochecho Riverbank Stabilization

Department Contact Person, Title	Planning Christopher Parker, Planning Director	8/27/2014	09/10/2015 603-516-6008

1. Project Title Cochecho Riverfront Bank Stabilization	2. Category TIF	3. Priority Medium
4. Location Along the Cochecho River at the end of River St.	5. Purpose of Project Request Add a new item to 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$1,150,000	Other	Debt Financing	Choose an item.
Program year FY 2019	$500,000	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.
TOTAL SIX YEARS	$1,650,000	**Note: Waterfront TIF**		
After Sixth Year		10B. Source of Cost Estimate: Staff/Contractor		



Department Contact Person, Title	Recreation Gary Bannon, Recreation Director	8/27/2014	07/22/2015 603-516-6450

1. Project Title Cochecho Riverfront Park Development	2. Category TIF	3. Priority Medium
4. Location Along the Cochecho River at the end of River St.	5. Purpose of Project Request Add a new item to 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 2017	0	Choose an item.	Choose an item.	Choose an item.
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	$1,000,000	Other	Special Revenue	Choose an item.
Program year FY 2022	0	Choose an item.	Choose an item.	Choose an item.
TOTAL SIX YEARS	$1,300,000	**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	09/10/2015 603-516-6450

1. Project Title: Street/Utility Extension - Waterfront Parcel	2. Category Special Revenue	3. Priority Low
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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	$2,000,000	Other	Debt Fiancing	Choose an item.
Program year FY 2022	$0	Choose an item.	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	07/22/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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

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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
Ireland Well Replacement
Water Main Replacement - Main St/Washington St
Water Main Replacement - Piscataqua/Drew Rds*
Water Main Replacement - Richardson Dr
Water Main Replacement - Tanglewood Drive*
Water Main Installation - Stonewall Drive*
Water Main Replacement - Spaulding Turnpike*
Water System Facilties 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 - Littleworth Rd

Proposed FY16 Expenditures	
Fund	Amount
Operating Budget	$612,500
Reserve Financed	$1,272,000
Debt Financed	$1,200,000
Grant Financed	$0
Total	$3,042,500

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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 $500,000; FY2015 $500,000; FY2016 $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 2017	$500,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 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): FY14 $100,000; FY15 $100,000, FY16 $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 2017	$100,000	Other	Capital Reserve	Choose an item.
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.
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	09/10/2015 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: $40,000; FY16: $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 2017	$40,000	Heavy Equipment	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$240,000	**Note: Price split between Water and Sewer Funds**		
After Sixth Year	$40,000	10B. Source of Cost Estimate:		

1999 Case Backhoe to be Replaced

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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):	
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 2017	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2018	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2019	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2020	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2021	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2022	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
TOTAL SIX YEARS	$75,000	Note: Price split between Water and Sewer Funds		
After Sixth Year	$12,500	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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	
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 2017	$75,000	Other	Capital Reserve	Choose an item.
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.
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	09/10/2015 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): FY 2014 $75,000; FY 2015 $75,000, FY 2016 $100,000,	
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 2017	$100,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 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 $75,000; FY15 $75,000; FY16 $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 2017	$75,000	Machinery and Equipment	Operating Budget	Choose an item.
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.
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	09/10/2015 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—FY16 $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 2017	$100,000	Land Acquisition	Capital Reserve	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: Ireland Well Replacement	2. Category Water Fund	3. Priority Emergency
4. Location Various	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 The Ireland Well has had recent cleanings that were not successful at improving the specific capacity. The proposed replacement well will be adjacent to the existing building with a submersible pump.	9. Justification & Useful Life The Ireland Well is a large producer of water for the city and it is imperative that it be replaced.	

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 2017	$100,000	Land Acquisition	Capital Reserve	Choose an item.
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.
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	09/10/2015 603-516-6450

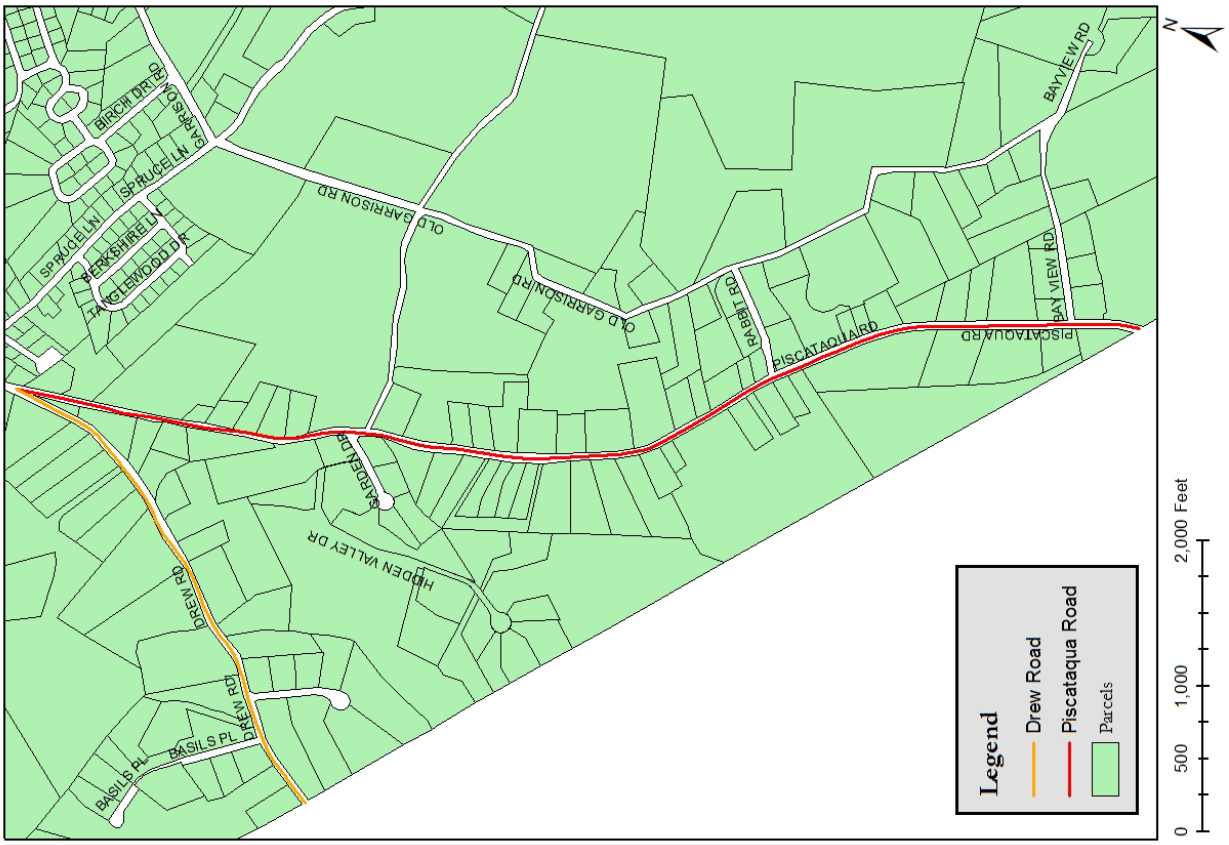
1. Project Title: Main Street/Washington Street Main Replacement	2. Category Water Fund	3. Priority Medium
4. Location Main Street and Washington Street	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Community Facilities, Community Services Page 57	7. Project History (Previous CIP Year or connection to other projects):	
8. Description Replacement of existing 8-inch cast iron main on Main Street from Broadway to Washington Street. Replacement includes main on Washington Street from Main Street to Lower Square.	9. Justification & Useful Life There have been several main breaks and line should be replaced with a larger main.	

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 2017	$100,000	Design Engineering	Debt Financing	Choose an item.
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	1,000,000	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.
TOTAL SIX YEARS	$1,100,000			
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	09/10/2015 603-516-6450

1. Project Title: Water – Piscataqua/Drew Roads Water Service Replacement	2. Category Water Fund	3. Priority High
4. Location Piscataqua & Drew 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): Piscataqua design FY17 Piscataqua reconstruction FY19	
8. Description Design for water main expansion on Pisqataua Road from Back River Road to town line and on Drew Road from Back River Road to town line.	9. Justification & Useful Life Project will provide design for water main expansion which will provide fire protection and possible interconnection with Portsmouth water supply in emergency situations.	

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 2017	$300,000	Design Engineering	Debt Financing	Choose an item.
Program year FY 2018	$1,000,000	Other	Debt Financing	Choose an item.
Program year FY 2019	$900,000	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.
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	09/10/2015 603-516-6450

1. Project Title: Water – Richardson Drive Water Service Replacement	2. Category Water Fund	3. Priority High
4. Location Richardson Drive	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): FY17 Richardson Drive Road Reconstruction FY17 Richardson Drive Sewer Construction	
8. Description Funding will replace the water services from the water main to the curb stop.	9. Justification & Useful Life Water services should be replaced as a part of the Richardson Drive Reconstruction 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 2017	$40,000	Other.	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$40,000			
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	09/10/2015 603-516-6450

1. Project Title: Water – Tanglewood Drive water service replacement	2. Category Water Fund	3. Priority High
4. Location Tanglewood Drive	5. Purpose: 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): FY17 Tanglewood Drive reconstruction moved project up one year	
8. Description Funding will replace the water services from the water main to the curb stop.	9. Justification & Useful Life Water services should be replaced as a part of the Tanglewood Drive Reconstruction 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 2017	$50,000	Other	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$50,000			
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	9/10/2015 603-516-6450

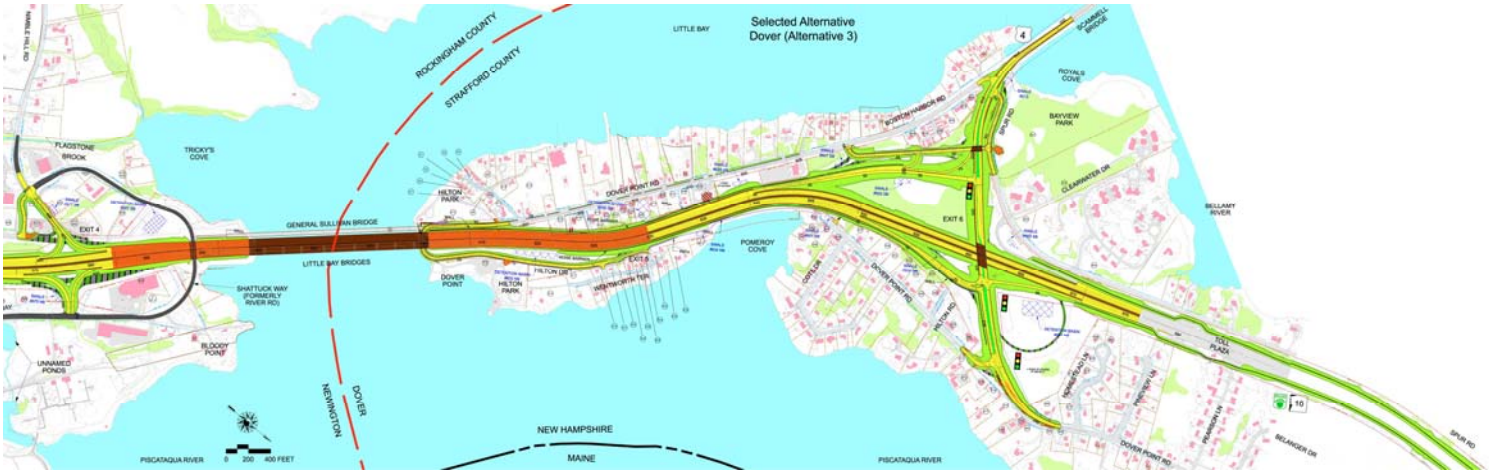
1. Project Title Water Main Installation Stonewall Drive	2. Category Water	3. Priority High
4. Location Stonewall Drive	5. Purpose of Project Request Add a new item to the CIP	
6. Master Plan Chapter, Section and page # Updates to Recommendations, Transportation, p. 11	7. Project History (Previous CIP Year or connection to other projects): FY17 Roadway project, pump station project	
8. Description Create a 1,550 linear foot 12 inch public water line underneath roadway into a 50 acre parcel to allow for Industrial Development.	9. Justification & Useful Life The water line will facilitate increased economic development activity.	

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 2017	$117,000	Other	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$117,000	**Note: Project is connected to Land Development Agreement**		
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	09/10/2015 603-516-6450

1. Project Title: Water Main Replacement—Spaulding Turnpike	2. Category Water Fund	3. Priority High
4. Location Spaulding Turnpike—Dover Point	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): FY2015 $1.5M Sewer; 1.5M Water FY2017 $800,000 Sewer	
8. Description NH DOT is expanding the Spaulding Turnpike at Dover Point. There are conflicts with the water lines in the DOT's right-of-way.	9. Justification & Useful Life The city is responsible for moving utilities when there are conflicts within the State's right-of-way. Part of agreement upon original construction of the Spaulding Turnpike stated all utilities placed in the right-of-way after construction will be the responsibility of the municipality. The Water Main was in place before the construction will be relocated by the State.	

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 2017	$250,000	Other	Capital Reserve	Choose an item.
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.
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	09/10/2015 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. FY15: 1.5M	
8. Description Project will design health and safety and building upgrades identified in the June 2015 Water System Facilities Plan.	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 Willand 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 2017	$800,000	Improvements to Buildings	Debt Financing	Choose an item.
Program year FY 2018	$8,300,000	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	$5,400,000	Building Construction	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.
TOTAL SIX YEARS	$14,500,000			
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	09/10/2015 603-516-6450

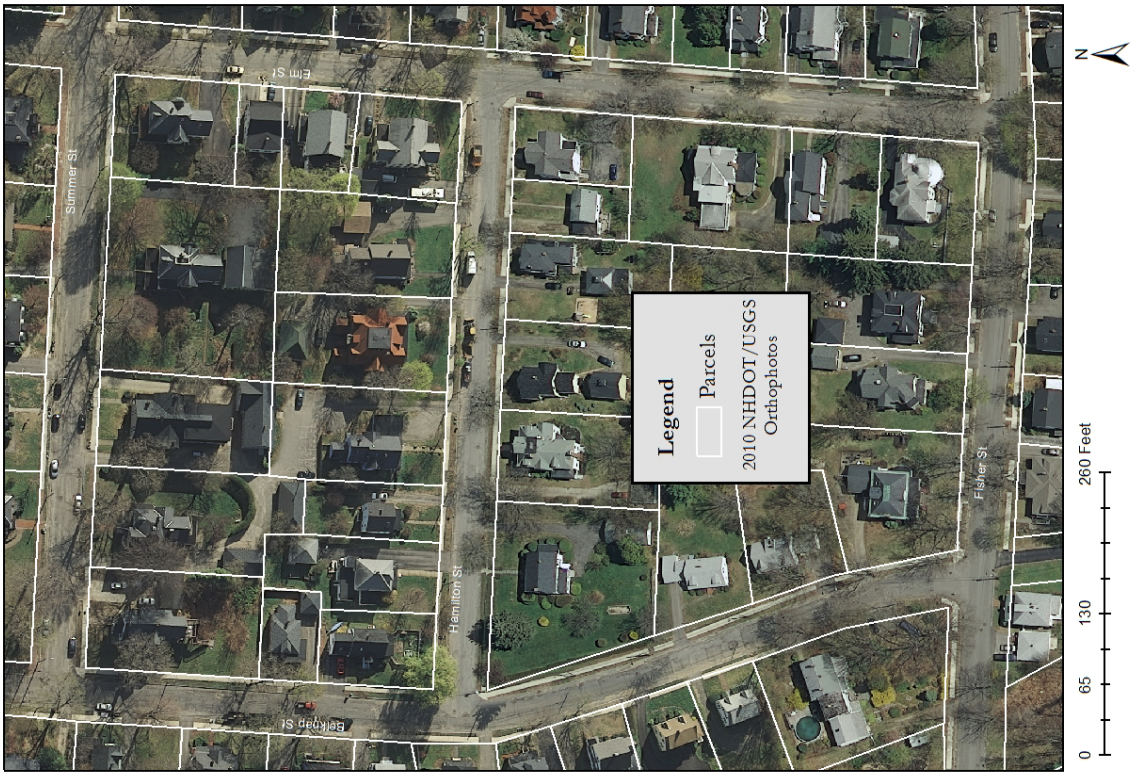
1. Project Title Oak/Broadway Area Water Main Replacement	2. Category Water Fund	3. Priority High
4. Location Ela, Rose, Park, Coolidge, Florence & Pearl Street	5. Purpose of Project Request Modify a project already in the CIP	
6. Master Plan Chapter, Section and page # Community Facilities, Community Services, p. 57	7. Project History (Previous CIP Year or connection to other projects): FY2015 - $250k Design Roadway/Drainage FY2015: $12kK design FY2015 - $75k Design Sewer FY2018 - $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 2017	$0	Choose an item	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title Elm St., Summer St., Hamilton St. & Belknap St. Water Main Replacement	2. Category Water Fund	3. Priority Medium
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.	

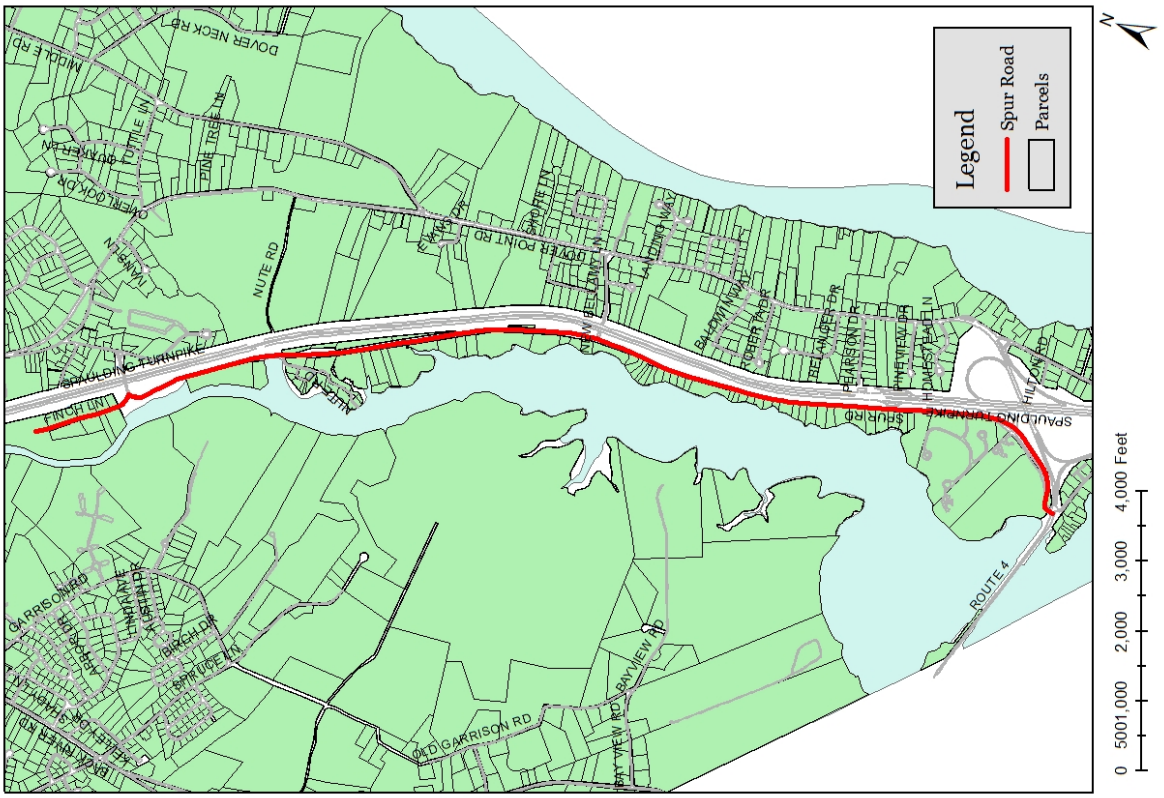
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$100,000	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	$725,000	Other	Debt Financing	Choose an item.
Program year FY 2021	$0	Choose an item.	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	09/10/2015 603-516-6450

1. Project Title: Water – Spur Road water replacement/expansion	2. Category Water Fund	3. Priority Medium
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.	

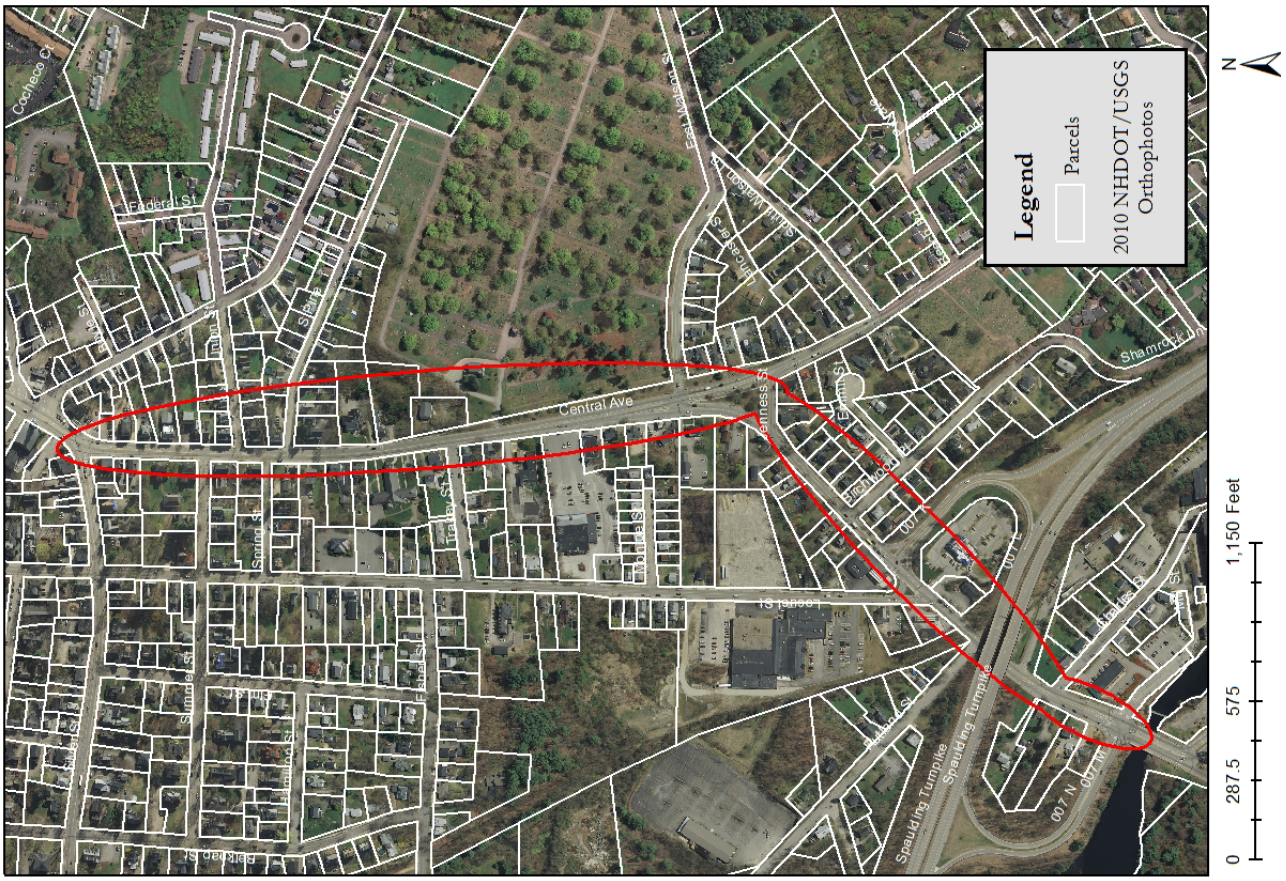
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2019	$100,000	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	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2022	$0	Choose an item.	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	09/10/2015 603-516-6450

1. Project Title Central Avenue Water Main Replacement-South	2. Category Water Fund	3. Priority Low
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	

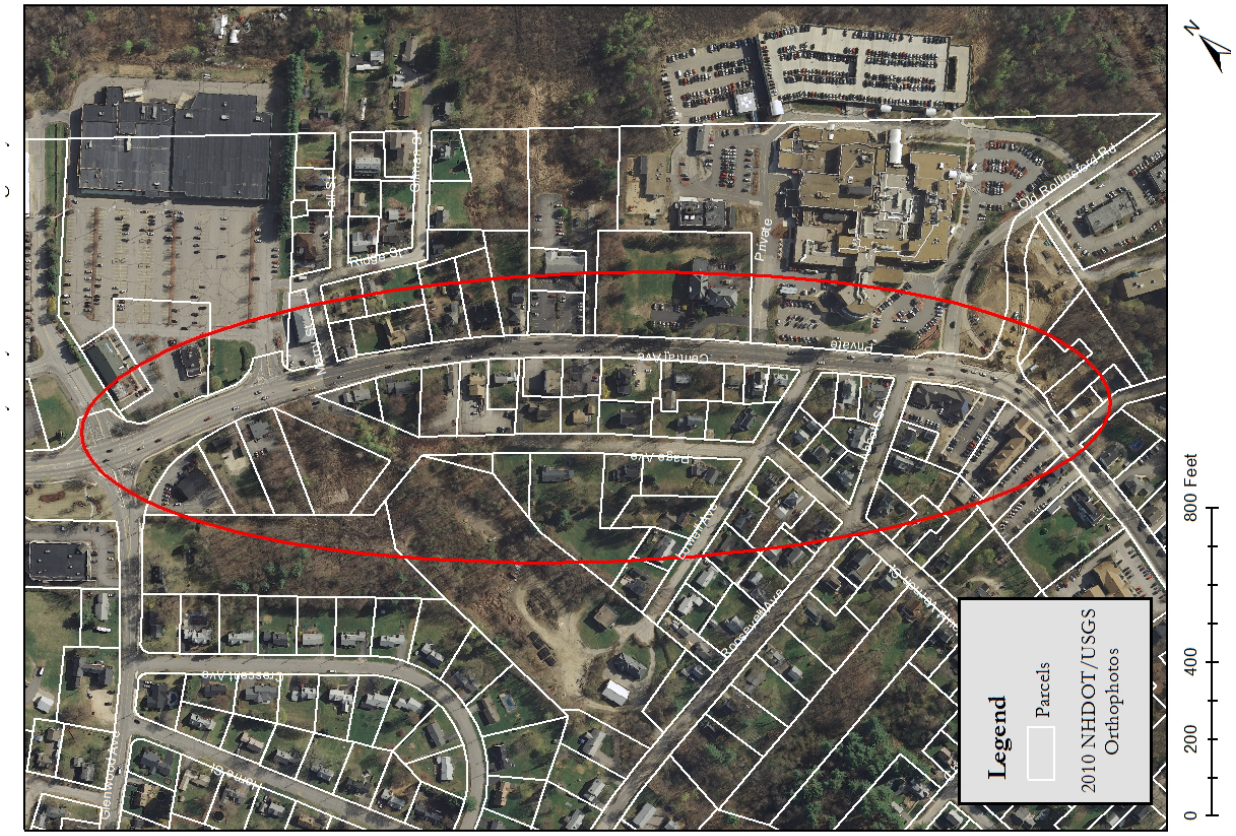
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	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.
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	09/10/2015 603-516-6450

1. Project Title Central Avenue Water Main Replacement- North	2. Category Water Fund	3. Priority Low
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.	

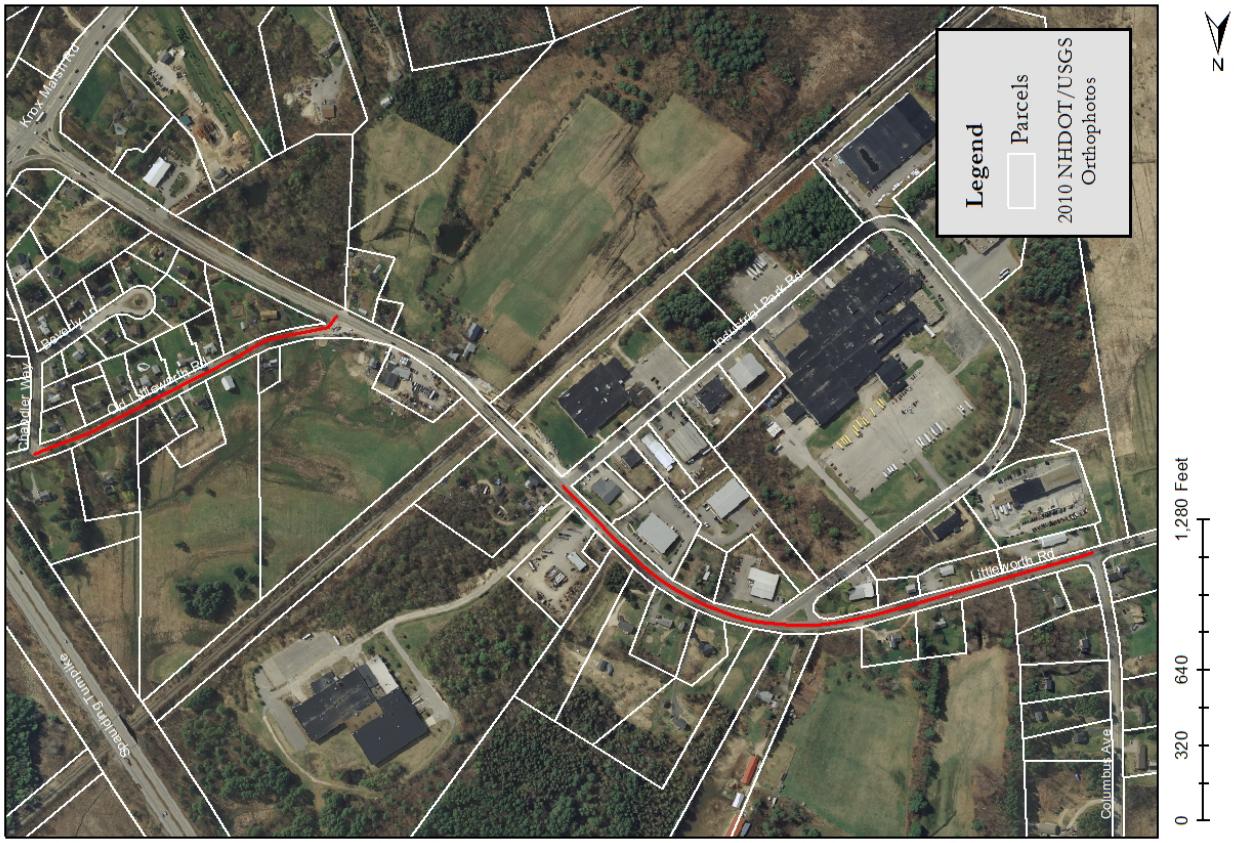
10. Cost (Years 2 – 6 use an inflationary factor of 4%)			10A. Recommended Sources of Financing	
BUDGET FY	**TOTAL** (Interest cost not included)	**COST ELEMENT**	**PRINCIPAL**	**SECONDARY**
Program year FY 2017	$0	Choose an item.	Choose an item.	Choose an item.
Program year FY 2018	$0	Choose an item.	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.
TOTAL SIX YEARS	$75,000			
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	09/10/2015 603-516-6450

1. Project Title Old Littleworth and Littleworth Road water upgrade	2. Category Water Fund	3. Priority Low
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
TOTAL SIX YEARS	$100,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		



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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 Replacements - Spaulding Turnpike
Sewer Pump Station - Stonewall Drive*
Sewer Main Replacement - Floral Ave/High Ridge*
Sewer Main Replacement - Oak/Broadway Area*
Pump Station Upgrade - Piscataqua
Sewer Jet Truck Replacement
Sewer Inspection Camera

Proposed FY17 Expenditures	
Fund	Amount
Operating Budget	$587,500
Reserve Financed	$1,290,000
Debt Financed	$300,000
Grant Financed	$0
Total	$2,177,500

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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—FY16 $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 2017	$500,000	Other	Operating Budget	Choose an item.
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.
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	09/10/2015 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 -FY16: $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 2017	$300,000	Other	Capital Reserve	Choose an item.
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.
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	09/10/2015 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: $75K ;FY16: $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 2017	$75,000	Machinery and Equipment	Operating Budget	Choose an item.
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.
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	09/10/2015 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: $40K ;FY16: $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.	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 2017	$40,000	Heavy Equipment	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$240,000	**Note: Price split between Water and Sewer Funds**		
After Sixth Year	$40,000	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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: $12,500; FY2016 - $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 2017	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2018	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2019	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2020	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2021	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
Program year FY 2022	$12,500	Auto/Light Truck	Operating Budget	Choose an item.
TOTAL SIX YEARS	$75,000	Note: Price split between Water and Sewer Funds		
After Sixth Year	$12,500	10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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): FY2015 - $150k; FY2016 - $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 2017	$150,000	Other	Capital Reserve	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: Sewer Main Replacement—Spaulding Turnpike	2. Category Water Fund	3. Priority High
4. Location Spaulding Turnpike—Dover Point	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): FY15 $1.5M Water; $1.5M Sewer FY17 $250K Water	
8. Description NH DOT is expanding the Spaulding Turnpike at Dover Point. There are conflicts with the water lines in the DOT's right-of-way.	9. Justification & Useful Life The city is responsible for moving utilities when there are conflicts within the State's right-of-way. Part of agreement upon original construction of the Spaulding Turnpike stated all utilities placed in the right-of-way after construction will be the responsibility of the municipality. The Sewer Main was placed after the construction and will be relocated by 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 2017	$800,000	Other	Capital Reserve	Choose an item.
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.
TOTAL SIX YEARS	$800,000	**Note: Will utilize State Revolving Loan Fund**		
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	9/10/2015 603-516-6450

1. Project Title Pump Station Installation Stonewall Drive	2. Category Sewer	3. Priority High
4. Location Stonewall Drive	5. Purpose of Project Request Add a new item to the CIP	
6. Master Plan Chapter, Section and page # Updates to Recommendations, Transportation, p. 11	7. Project History (Previous CIP Year or connection to other projects): FY17 Roadway project, pump station project	
8. Description Create a public sanitary sewer pump station at end of roadway into a 50 acre parcel to allow for Industrial Development.	9. Justification & Useful Life The sanitary pump station will facilitate increased economic development activity.	

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 2017	$300,000	Other	Debt Financing	Choose an item.
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.
TOTAL SIX YEARS	$300,000	**Note: Project is connected to Land Development Agreement**		
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	09/10/2015 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
TOTAL SIX YEARS	$825,000			
After Sixth Year		10B. Source of Cost Estimate:		

Department Contact Person, Title	Community Services Douglas W. Steele II Community Services Director	Date Phone Number	09/10/2015 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): FY2015 - $250k Street Design FY15: 75K design FY2015 - $125k Water design	
8. Description Replaces sewer mains on 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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title: Pump Station Upgrade—Piscataqua	2. Category Sewer Fund	3. Priority Medium
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title Jet Truck Replacement	2. Category Sewer Fund	3. Priority Low
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
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	09/10/2015 603-516-6450

1. Project Title Sewer inspection camera	2. Category Sewer Fund	3. Priority Low
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 2017	$0	Choose an item.	Choose an item.	Choose an item.
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.
TOTAL SIX YEARS	$50,000			
After Sixth Year		10B. Source of Cost Estimate: Staff		

Current Inspection Camera to be replaced

Capital Improvements Program - FY2017-2022
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	$ 87,289	$ 88,411
General Fund Balance as % of Revenues	42.69%	37.79%	20.60%	12.70%
Unassigned General Fund Balance as a % of Revenues	41.44%	33.72%	12.10%	9.80%
Direct Net Debt as % of Full Value	0.63%	0.98%	2.10%	2.46%
Debt Burden (Overall Net Debt as % of Full Value)	1.88%	2.25%	2.60%	3.40%
Total Full Value (000)	$ 5,129,633	$ 1,755,327	$ 3,688,748	$ 2,746,525
Full Value per Capita (Dover - 2011 Population Estimate)	$ 227,212	$ 109,101	$ 86,172	$ 89,979
Population 2010 Census	22,284	16,614	29,987	29,987
Per Capita Income (2010 Census)	$ 51,180	$ 28,528	$ 21,976	$ 31,344
Ten Largest Taxpayers as % of Assessed Value	7.41%	9.15%	9.00%	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	9.80
Net Debt Ratios:					
Median Overall Net Debt per Capita	<$232-581	$582-$1,698	$1,699-$3,513	>$3,513	$ 2,036
Net Debt to Equalized Value	<.30-0.7	0.8-1.90	2.0-3.7	>3.7	2.46

Capital Improvements Program - FY2017-2022
Financial Impact Analysis

Debt Financed Summary:	2017	2018	2019	2020	2021	2022	Total
City	3,433,000	1,580,000	2,300,000	2,400,000	3,325,000	1,000,000	14,038,000
School	3,300,000	3,600,000	520,500	-	-	500,000	7,920,500
Total GF	6,733,000	5,180,000	2,820,500	2,400,000	3,325,000	1,500,000	21,958,500
Special Revenue	0	0	3,300,000	0	0	2,400,000	5,700,000
TIF District Funds	2,050,000	800,000	0	0	3,000,000	1,000,000	6,850,000
Water	1,200,000	10,550,000	1,000,000	6,400,000	1,000,000	-	20,150,000
Sewer	1,100,000	1,500,000	-	-	-	-	2,600,000
							-
Other	-	-	-	-	-	-	-
Grand Total	11,083,000	18,030,000	7,120,500	8,800,000	7,325,000	4,900,000	57,258,500

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%
3.45%	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	100,256,575	72,699,860	Pending	2,778,677.78	2,994,385.30	26.45	28.0700%
	2017	31,233	33,060	103,715,427		1.00%	2,806,464.60	3,024,329.20		
	2018	31,411	33,489	107,293,609		1.00%	2,834,529.20	3,054,572.50		
	2019	31,589	33,918	110,995,239		1.00%	2,862,874.50	3,085,118.20		
	2020	31,767	34,347	114,824,575		1.00%	2,891,503.20	3,115,969.40		
	2021	31,945	34,776	118,786,023		1.00%	2,920,418.20	3,147,129.10		
	2022	32,123	35,205	122,884,141		1.00%	2,949,622.40	3,178,600.40		
	2023	32,301	35,634	127,123,644		1.00%	2,979,118.60	3,210,386.40		
	2024	32,479	36,063	131,509,410		1.00%	3,008,909.80	3,242,490.30		

General Fund - Debt Financed — ***Principal*** **21,958,500** ***Interest*** **11,450,966** ***Total*** **33,409,466**

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
2016	10,009,286	(674,819)	9,334,467	927,409	-	10,261,876	137,956,530	(6,096,850)	131,859,680
2017	9,003,204	(662,125)	8,341,079	4,006,501	(2,058,360)	10,289,219	143,185,554	(5,422,031)	137,763,523
2018	8,735,675	(635,425)	8,100,250	4,914,905	(1,608,360)	11,406,795	139,075,960	(4,759,907)	134,316,054
2019	8,239,271	(592,016)	7,647,256	5,193,373	(1,608,360)	11,232,269	134,664,200	(4,124,482)	130,539,718
2020	7,972,402	(539,990)	7,432,413	5,488,605	(1,608,360)	11,312,658	131,080,552	(3,532,466)	127,548,086
2021	6,187,421	(402,614)	5,784,807	7,083,587	(1,608,360)	11,260,034	124,797,384	(2,992,476)	121,804,907
2022	5,483,559	(402,014)	5,081,546	7,192,401	(1,608,360)	10,665,587	117,346,327	(2,589,862)	114,756,465
2023	4,956,559	(402,014)	4,554,545	7,220,552	(1,608,360)	10,166,737	110,057,802	(2,187,849)	107,869,953
2024	4,827,702	(365,036)	4,462,666	7,192,104	(1,608,360)	10,046,410	102,594,057	(1,785,835)	100,808,222

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
2016	4,509,796	(674,819)	3,834,977	1.38		6,426,899	-	6,426,899	2.31	
2017	6,794,529	(2,561,125)	4,233,404	1.51	0.13	6,215,175	(159,360)	6,055,815	2.16	(0.15)
2018	7,003,993	(2,084,425)	4,919,568	1.74	0.23	6,646,587	(159,360)	6,487,227	2.29	0.13
2019	6,884,416	(2,041,016)	4,843,400	1.69	(0.05)	6,548,228	(159,360)	6,388,868	2.23	(0.06)
2020	6,862,267	(1,988,990)	4,873,277	1.69	-	6,598,741	(159,360)	6,439,381	2.23	-
2021	6,820,065	(1,851,614)	4,968,452	1.70	0.01	6,450,943	(159,360)	6,291,583	2.15	(0.08)
2022	6,815,314	(1,851,014)	4,964,301	1.68	(0.02)	5,860,646	(159,360)	5,701,286	1.93	(0.22)
2023	6,768,564	(1,851,014)	4,917,551	1.65	(0.03)	5,408,547	(159,360)	5,249,187	1.76	(0.17)
2024	6,733,569	(1,814,036)	4,919,534	1.63	(0.02)	5,286,236	(159,360)	5,126,876	1.70	(0.06)

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
2016	3.69	0.33	10.24%	10.24%	9.55%	9.55%	4,246	13.01%	4.40%
2017	3.67	0.69	10.26%	9.92%	9.59%	9.27%	4,411	13.34%	4.56%
2018	4.02	1.17	11.38%	10.63%	10.72%	10.02%	4,276	12.77%	4.40%
2019	3.92	1.25	11.20%	10.12%	10.57%	9.55%	4,132	12.18%	4.23%
2020	3.91	1.34	11.28%	9.85%	10.66%	9.31%	4,015	11.69%	4.09%
2021	3.86	1.87	11.23%	9.48%	10.63%	8.97%	3,813	10.96%	3.87%
2022	3.62	1.89	10.64%	8.68%	10.05%	8.20%	3,572	10.15%	3.61%
2023	3.41	1.88	10.14%	8.00%	9.56%	7.54%	3,340	9.37%	3.36%
2024	3.34	1.86	10.02%	7.64%	9.45%	7.21%	3,104	8.61%	3.11%

Capital Improvements Program - FY2017-2022
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:

	Water	Sewer
Volume (HCF)	958,837	866,185
FY16 Rate/HCF	4.77	7.52
FY16 Budget	4,866,401	7,331,712
FY16 Levy	4,795,901	6,326,947
FY15 Work Cap	3,462,062	1,071,577
FY15 Current %	2.94	1.86
FY15 Cap Assets	27,971,285	37,993,388

FY15 Preliminary Results

	Water	Sewer
Gross Rev*	4,751,402	5,881,064
O&M Exp**	2,402,580	3,330,484
Net Rev	2,348,822	2,550,580
Oper Ratio	50.57%	56.63%

*Excludes Trans from Cap Res, State Aid
**Excludes Depr, Interest, Cap Res

Est. Usage	Water	Sewer
2015	947,574	844,781
2016	934,160	835,870
2017	936,000	845,000
2018	938,000	847,000
2019	940,000	849,000
2020	942,000	850,000
2021	944,000	852,000
2022	946,000	854,000
2023	948,000	856,000
2024	950,000	858,000

Water Fund - Debt Financed ***Principal*** **20,150,000** ***Interest*** **9,759,880** ***Total*** **29,909,880**

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
2016	1,558,034	28,000	1,586,034	11,014,930	1.70	0.03	32.59%	32.59%
2017	1,385,895	537,855	1,923,750	27,513,950	2.06	0.57	39.53%	38.46%
2018	1,354,634	1,889,942	3,244,576	26,492,088	3.46	2.01	66.67%	63.10%
2019	1,217,875	2,083,553	3,301,428	30,906,753	3.51	2.22	67.84%	62.47%
2020	1,159,450	2,566,664	3,726,114	29,615,422	3.96	2.72	76.57%	68.59%
2021	1,048,638	2,568,200	3,616,838	27,337,955	3.83	2.72	74.32%	64.77%
2022	925,408	2,500,068	3,425,476	25,156,567	3.62	2.64	70.39%	59.68%
2023	861,211	2,431,937	3,293,148	23,008,693	3.47	2.57	67.67%	55.81%
2024	833,226	2,363,806	3,197,032	20,858,754	3.37	2.49	65.70%	52.71%

Water Fund Cont.

FY	Debt Sev Coverage	Debt Sev Safety Mgn	Debt/Asset Ratio
2016	1.52	16.96%	35.04%
2017	1.29	11.11%	84.31%
2018	0.79	-13.44%	61.35%
2019	0.79	-12.81%	69.95%
2020	0.72	-18.91%	57.41%
2021	0.77	-15.10%	53.00%
2022	0.83	-10.03%	48.77%
2023	0.89	-6.18%	44.60%
2024	0.94	-3.09%	40.44%

Capital Improvements Program - FY2017-2022
Financial Impact Analysis

Sewer Fund - Debt Financed			***Principal***	**2,600,000**	***Interest***	**1,036,505**	***Total***	**3,636,505**
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
2016	1,696,101	75,832	1,771,932	(20,382)	1,751,550	13,651,189	(131,992)	13,519,197
2017	1,563,588	632,809	2,196,396	(18,373)	2,178,023	25,347,759	(113,619)	25,234,140
2018	1,495,508	1,634,855	3,130,363	(17,826)	3,112,537	23,317,751	(95,793)	23,221,958
2019	1,286,934	1,593,740	2,880,674	(14,218)	2,866,456	21,455,500	(81,575)	21,373,925
2020	1,222,924	1,552,627	2,775,551	(13,603)	2,761,948	19,622,178	(67,972)	19,554,206
2021	1,081,109	1,511,511	2,592,620	(13,166)	2,579,454	17,895,105	(54,806)	17,840,299
2022	948,760	1,470,397	2,419,157	(11,768)	2,407,389	16,269,074	(43,038)	16,226,036
2023	816,162	1,429,283	2,245,445	(11,368)	2,234,077	14,743,739	(31,670)	14,712,069
2024	792,582	1,388,169	2,180,751	(10,963)	2,169,788	13,212,269	(20,707)	13,191,562

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
2016	2.10	0.09	23.89%	23.89%	1.52	14.80%	34.61%
2017	2.58	0.75	29.71%	28.50%	1.27	11.65%	62.83%
2018	3.67	1.93	42.45%	39.08%	0.93	-4.29%	55.73%
2019	3.38	1.88	39.10%	34.53%	1.05	2.67%	51.30%
2020	3.25	1.83	37.67%	31.92%	1.14	6.80%	46.93%
2021	3.03	1.77	35.18%	28.60%	1.27	12.16%	42.82%
2022	2.82	1.72	32.84%	25.61%	1.42	17.14%	38.94%
2023	2.61	1.67	30.47%	22.80%	1.59	21.96%	35.31%
2024	2.53	1.62	29.59%	21.25%	1.71	24.84%	31.66%

Capital Improvements Program - FY2017-2022
Financial Impact Analysis

General Fund - Operating Budget Financed

	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6
City	3,430,072	3,474,280	3,545,946	3,620,159	3,697,008	3,764,009
Less Prev Yr	(2,533,349)	(3,430,072)	(3,474,280)	(3,545,946)	(3,620,159)	(3,697,008)
Other Impacts	-	-	-	-	-	-
City Change	896,723	44,208	71,666	74,213	76,849	67,001
Rate Impact	0.32	0.02	0.03	0.03	0.03	0.02
School	295,000	310,000	350,000	275,000	315,000	315,000
Less Prev Yr	(100,047)	(295,000)	(310,000)	(350,000)	(275,000)	(315,000)
Other Impacts	-	-	-	-	-	-
Sch Change	194,953	15,000	40,000	(75,000)	40,000	-
Rate Impact	0.07	0.01	0.01	(0.03)	0.01	-
Total Gen Fnd	3,725,072	3,784,280	3,895,946	3,895,159	4,012,008	4,079,009
Less Prev Yr	(2,633,396)	(3,725,072)	(3,784,280)	(3,895,946)	(3,895,159)	(4,012,008)
Other Impacts	-	-	-	-	-	-
Total Change	1,091,676	59,208	111,666	(787)	116,849	67,001
Rate Impact	0.39	0.03	0.04	-	0.04	0.02
% of Budget	3.3%	3.2%	3.2%	3.2%	3.1%	3.1%

Water & Sewer Operating Budget Financed

	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6
Water Fund	687,500	687,500	687,500	687,500	687,500	687,500
Less Prev Yr	(687,500)	(687,500)	(687,500)	(687,500)	(687,500)	(687,500)
Other Impacts	-	-	-	-	-	-
Change by Yr	-	-	-	-	-	-
Fee Impact	-	-	-	-	-	-
Sewer Fund	587,500	587,500	587,500	587,500	637,500	587,500
Less Prev Yr	(579,799)	(587,500)	(587,500)	(587,500)	(587,500)	(637,500)
Other Impacts	-	-	-	-	-	-
Change by Yr	7,701	-	-	-	50,000	(50,000)
Fee Impact	0.01	-	-	-	0.06	(0.06)
Combined	1,275,000	1,275,000	1,275,000	1,275,000	1,325,000	1,275,000
Less Prev Yr	(1,267,299)	(1,275,000)	(1,275,000)	(1,275,000)	(1,275,000)	(1,325,000)
Other Impacts	-	-	-	-	-	-
Change by Yr	7,701	-	-	-	50,000	(50,000)
Fee Impact	0.01	-	-	-	0.06	(0.06)
Water % of Bgt	13.7%	13.4%	13.0%	12.7%	12.3%	12.0%
Sewer % of Bgt	7.7%	7.4%	7.1%	6.8%	7.1%	6.2%

GENERAL FUND - Budget History Sheet

Amounts reflect budget at time of tax rate setting.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
APPROPRIATIONS:											5 Yr Ann %	10 Yr Ann %
City	23,328,139	24,100,845	24,849,889	25,881,933	26,909,579	28,429,262	29,299,377	31,211,493	32,505,615	34,937,319	5.36%	4.49%
City Debt	4,343,010	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	2.04%	5.20%
Total City	27,671,149	29,233,175	30,197,403	31,927,541	32,882,766	34,257,924	35,001,079	37,082,969	38,732,105	41,544,979	4.79%	4.60%
School	36,203,218	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	2.90%	3.11%
School Debt	2,799,270	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	-2.75%	3.57%
Total School	39,002,488	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	2.41%	3.15%
County	5,750,204	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	3.45%	4.33%
Total	72,423,841	76,870,807	79,948,061	83,591,402	84,630,158	87,275,862	88,775,252	91,032,811	94,918,774	100,256,575	3.45%	3.82%
Dollar Change											5 Yr Cum $	10 Yr Cum $
City	1,173,356	1,562,026	964,228	1,730,138	955,225	1,375,158	743,155	2,081,890	1,649,136	2,812,874	8,662,213	15,047,186
School	2,040,526	2,600,072	1,375,775	1,654,886	80,900	1,000,000	538,798	(74,876)	1,951,061	2,250,580	5,665,563	13,417,722
County	295,389	284,868	737,251	258,317	2,631	270,546	217,437	250,545	285,766	274,347	1,298,641	2,877,097
Total	3,509,271	4,446,966	3,077,254	3,643,341	1,038,756	2,645,704	1,499,390	2,257,559	3,885,963	5,337,801	15,626,417	31,342,005
Percent Change												
City	4.43%	5.64%	3.30%	5.73%	2.99%	4.18%	2.17%	5.95%	4.45%	7.26%		
School	5.52%	6.67%	3.31%	3.85%	0.18%	2.24%	1.18%	-0.16%	4.23%	4.68%		
County	5.42%	4.95%	12.22%	3.81%	0.04%	3.85%	2.98%	3.33%	3.68%	3.40%		
Total	5.09%	6.14%	4.00%	4.56%	1.24%	3.13%	1.72%	2.54%	4.27%	5.62%		
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
REVENUES:											5 Yr Ann %	10 Yr Ann %
Property Tax - City	18,123,568	19,974,876	20,343,274	21,429,921	22,592,315	24,047,953	24,674,390	25,798,503	27,046,138	27,995,311	4.38%	4.83%
Property Tax - Local School	20,901,778	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	3.47%	4.30%
Property Tax - State School	6,494,080	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	0.70%	0.47%
Property Tax - Total School	27,395,858	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	2.92%	3.46%
Property Tax - County	5,700,152	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	3.45%	4.42%
Total Property Tax	51,219,578	55,059,717	57,653,992	59,532,777	61,128,702	64,350,115	65,888,587	68,038,313	70,647,707	72,699,860	3.53%	4.07%
Other Sources:												
City	9,172,633	9,421,202	9,904,181	10,497,620	10,290,451	10,209,971	10,326,689	11,284,466	11,685,967	13,549,668	5.66%	4.09%
School	11,606,630	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	1.18%	2.38%
Use of Fund Balance	425,000	-	-	-	-	-	-	-	-	-	0.00%	0.00%
Total	21,204,263	21,811,090	22,294,069	24,058,625	23,501,456	22,925,747	22,886,665	22,994,498	24,271,067	27,556,715	3.23%	3.18%
Dollar Change											5 Yr Cum $	10 Yr Cum $
Property Tax - City	651,207	1,851,308	368,398	1,086,647	1,162,394	1,455,638	626,437	1,124,113	1,247,635	949,173	5,402,996	10,522,950
Property Tax - School	1,504,382	1,816,814	1,375,775	483,769	430,900	1,495,229	694,598	775,068	1,075,993	828,633	4,869,521	10,481,161
Property Tax - County	295,389	172,017	850,102	308,369	2,631	270,546	217,437	250,545	285,766	274,347	1,298,641	2,927,149
Total Property Tax	2,450,978	3,840,139	2,594,275	1,878,785	1,595,925	3,221,413	1,538,472	2,149,726	2,609,394	2,052,153	11,571,158	23,931,260
Other Sources:												
City	97,149	248,569	482,979	593,439	(207,169)	(80,480)	116,718	957,777	401,501	1,863,701	3,259,217	4,474,184
School	536,144	783,258	-	1,171,117	(350,000)	(495,229)	(155,800)	(849,944)	875,068	1,421,947	796,042	2,936,561
Use of Fund Balance	425,000	(425,000)	-	-	-	-	-	-	-	-	-	-
Total	1,058,293	606,827	482,979	1,764,556	(557,169)	(575,709)	(39,082)	107,833	1,276,569	3,285,648	4,055,259	7,410,745
Percent Change												
Property Tax - City	3.73%	10.21%	1.84%	5.34%	5.42%	6.44%	2.60%	4.56%	4.84%	3.51%		
Property Tax - School	5.81%	6.63%	4.71%	1.58%	1.39%	4.75%	2.10%	2.30%	3.12%	2.33%		
Property Tax - County	5.47%	3.02%	14.48%	4.59%	0.04%	3.85%	2.98%	3.33%	3.68%	3.40%		
Total Property Tax	5.03%	7.50%	4.71%	3.26%	2.68%	5.27%	2.39%	3.26%	3.84%	2.90%		
Other Revenue - City	1.07%	2.71%	5.13%	5.99%	-1.97%	-0.78%	1.14%	9.27%	3.56%	15.95%		
Other Revenue - School	4.84%	6.75%	0.00%	9.45%	-2.58%	-3.75%	-1.23%	-6.77%	7.47%	11.30%		
Use of Fund Balance	NA	NA	NA	NA	NA	NA	NA	NA				
Total	5.25%	2.86%	2.21%	7.91%	-2.32%	-2.45%	-0.17%	0.47%	5.55%	13.54%		

GENERAL FUND - Budget History Sheet

Amounts reflect budget at time of tax rate setting.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
TAX RATES:											5 Yr Ann %	10 Yr Ann %
City	6.87	7.23	7.57	8.55	8.93	9.54	9.71	9.99	10.09	10.31	2.92%	3.87%
Budgetary Use of FB	(0.15)	-	-	-	-	-	-	-	-	-	0.00%	-100.00%
Net City	6.72	7.23	7.57	8.55	8.93	9.54	9.71	9.99	10.09	10.31	2.92%	3.87%
School - Local	7.56	8.02	8.79	9.54	9.57	10.26	10.38	10.54	10.50	10.65	2.16%	3.36%
School - State	2.38	2.31	2.31	2.52	2.55	2.50	2.55	2.51	2.49	2.49	-0.48%	-0.39%
Total School	9.94	10.33	11.10	12.06	12.12	12.76	12.93	13.05	12.99	13.14	1.63%	2.52%
County	2.06	2.07	2.43	2.72	2.70	2.82	2.88	2.93	2.93	3.00	2.13%	3.48%
Total	18.72	19.63	21.10	23.33	23.75	25.12	25.52	25.97	26.01	26.45	2.18%	3.14%
Dollar Change											5 Yr Cum $	10 Yr Cum $
City	(0.18)	0.36	0.34	0.98	0.38	0.61	0.17	0.28	0.10	0.22	1.38	3.26
Budgetary Use of FB	(0.15)	0.15	-	-	-	-	-	-	-	-	-	-
Net City	(0.33)	0.51	0.34	0.98	0.38	0.61	0.17	0.28	0.10	0.22	1.38	3.26
School - Local	(0.09)	0.46	0.77	0.75	0.03	0.69	0.12	0.16	(0.04)	0.15	1.08	3.00
School - State	(0.21)	(0.07)	-	0.21	0.03	(0.05)	0.05	(0.04)	(0.02)	-	(0.06)	(0.10)
Total School	(0.30)	0.39	0.77	0.96	0.06	0.64	0.17	0.12	(0.06)	0.15	1.02	2.90
County	(0.07)	0.01	0.36	0.29	(0.02)	0.12	0.06	0.05	-	0.07	0.30	0.87
Total	(0.70)	0.91	1.47	2.23	0.42	1.37	0.40	0.45	0.04	0.44	2.70	7.03
Percent Change												
City	-2.55%	5.24%	4.70%	12.95%	4.44%	6.83%	1.78%	2.88%	1.00%	2.18%		
Budgetary Use of FB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Net City	-4.68%	7.59%	4.70%	12.95%	4.44%	6.83%	1.78%	2.88%	1.00%	2.18%		
School - Local	-1.18%	6.08%	9.60%	8.53%	0.31%	7.21%	1.17%	1.54%	-0.38%	1.43%		
School - State	-8.11%	-2.94%	0.00%	9.09%	1.19%	-1.96%	2.00%	-1.57%	-0.80%	0.00%		
	-2.93%	3.92%	7.45%	8.65%	0.50%	5.28%	1.33%	0.93%	-0.46%	1.15%		
County	-3.29%	0.49%	17.39%	11.93%	-0.74%	4.44%	2.13%	1.74%	0.00%	2.39%		
Total	-3.60%	4.86%	7.49%	10.57%	1.80%	5.77%	1.59%	1.76%	0.15%	1.69%		

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
VALUATION:											5 Yr Ann %	10 Yr Ann %
Total Value	2,810,621,000	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	2,827,405,880	1.25%	0.95%
Less Exemptions	(45,808,500)	(50,519,500)	(51,237,750)	(53,208,250)	(51,040,250)	(49,202,900)	(48,980,100)	(47,445,500)	(48,686,100)	(48,728,100)	-0.92%	3.03%
Net Value	2,764,812,500	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	1.29%	0.92%
Dollar Change											5 Yr Cum $	10 Yr Cum $
Total Value	238,411,530	74,967,500	(70,769,200)	(178,731,100)	21,487,100	(15,765,800)	19,174,800	35,761,650	97,971,970	32,687,960	169,830,580	255,196,410
Exemptions	(9,664,100)	(4,711,000)	(718,250)	(1,970,500)	2,168,000	1,837,350	222,800	1,534,600	(1,240,600)	(42,000)	2,312,150	(12,583,700)
Net Value	228,747,430	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	172,142,730	242,612,710
Percent Change												
Total Value	9.27%	2.67%	-2.45%	-6.35%	0.82%	-0.59%	0.73%	1.34%	3.63%	1.17%		
Exemptions	26.74%	10.28%	1.42%	3.85%	-4.07%	-3.60%	-0.45%	-3.13%	2.61%	0.09%		
Net Value	9.02%	2.54%	-2.52%	-6.54%	0.92%	-0.53%	0.75%	1.43%	3.65%	1.19%		

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
VET EXEMPTION:											5 Yr Ann Chg	10 Yr Ann Chg
Exempt Amount	454,950	510,500	576,027	636,602	686,197	679,656	671,323	657,656	655,823	635,238	-1.53%	4.84%
Dollar Change	59,075	55,550	65,527	60,575	49,595	(6,541)	(8,333)	(13,667)	(1,833)	(20,585)	(50,959)	239,363
Percent Change	14.92%	12.21%	12.84%	10.52%	7.79%	-0.95%	-1.23%	-2.04%	-0.28%	-3.14%		

ENTERPRISE FUNDS - Budget History Sheet

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
APPROPRIATIONS:											5 Yr Ann %	10 Yr Ann %
Water - Oper & Maint	2,005,666	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	3.66%	3.45%
Water - Depreciation	706,000	879,297	974,298	984,298	1,010,000	946,000	1,171,666	1,189,276	1,179,480	1,186,738	3.28%	8.58%
Water - Debt Interest	467,132	550,509	497,731	492,198	476,272	404,395	462,672	554,588	516,457	444,535	-1.37%	1.84%
Water - Capital Reserve	300,000	450,000	450,000	450,000	470,000	475,000	500,000	500,000	500,000	500,000	1.25%	7.18%
Total Water	3,478,798	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	2.79%	4.65%
Sewer - Oper & Maint	2,507,198	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	5.49%	4.90%
Sewer - Major Capital												
Sewer - Depreciation	1,869,000	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	2.49%	3.71%
Sewer - Debt Interest	714,920	630,206	579,345	533,519	464,918	479,723	451,771	492,762	654,853	569,102	4.13%	-1.31%
Sewer - Capital Reserve	400,000	400,000	400,000	400,000	425,000	420,000	440,000	500,000	500,000	500,000	3.30%	2.26%
Total Sewer	5,491,118	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	4.23%	3.68%
Total Enterprise Funds	8,969,916	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	7.02%	8.33%
Dollar Change											5 Yr Cum $	10 Yr Cum $
Water	389,708	459,721	220,151	3,963	78,482	95,084	373,563	143,752	(557)	13,444	625,286	1,777,311
Sewer	384,922	27,068	56,886	175,315	209,142	80,881	363,917	343,198	411,051	173,136	1,372,183	2,225,516
Total Enterprise Funds	774,630	486,789	277,037	179,278	287,624	175,965	737,480	486,950	410,494	186,580	1,997,469	4,002,827
Percent Change												
Water	12.62%	13.21%	5.59%	0.10%	1.89%	2.24%	8.61%	3.05%	-0.01%	0.28%		
Sewer	7.54%	0.49%	1.03%	3.14%	3.64%	1.36%	6.02%	5.36%	6.09%	2.42%		
Total Enterprise Funds	9.45%	5.43%	2.93%	1.84%	2.90%	1.73%	7.11%	4.38%	3.54%	1.55%		
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
REVENUE:											5 Yr Ann %	10 Yr Ann %
Water												
Charges for Services	3,457,798	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	2.59%	4.57%
Other Financing Sources	21,000	21,000	21,000	21,000	21,000	21,000	21,000	25,500	70,500	70,500	27.41%	12.87%
Total Water	3,478,798	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	2.79%	4.65%
Sewer												
Licenses & Permits												
Intergovernmental	303,238	272,971	210,499	154,097	160,285	46,742	6,840	6,240	5,688	5,078	-49.86%	-34.51%
Charges for Services	4,103,380	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	5.76%	4.93%
Misc Revenue	32,000	32,000	32,000	32,000	32,000	31,000	31,000	31,000	57,000	57,000	12.24%	5.94%
Operating Transfers In												
Other Financing Sources	1,052,500	1,063,069	1,069,919	984,919	984,919	1,013,139	1,012,476	1,012,476	942,687	942,687		
Total Sewer	5,491,118	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	4.23%	3.68%
Total Enterprise Funds	8,969,916	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	3.64%	8.33%

ENTERPRISE FUNDS - Budget History Sheet

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
UTILITY COST SUMMARY:											5 Yr Ann %	10 Yr Ann %
Water - Oper & Maint	2,005,666	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	3.66%	3.45%
Water - Debt Service	1,215,191	1,440,509	1,482,732	1,487,198	1,486,272	1,350,395	1,634,338	1,743,864	1,695,937	1,631,273	1.88%	3.46%
Water - Capital Reserve	300,000	450,000	450,000	450,000	470,000	475,000	500,000	500,000	500,000	500,000	1.25%	7.18%
Total Water Cash Needs	3,520,857	3,949,222	4,169,373	4,173,335	4,241,115	4,336,199	4,709,762	4,853,514	4,852,957	4,866,401	2.79%	3.78%
Working Capital/Adjustment	(462)	(10,703)	(10,703)	(10,702)	-	-	-	-	-	-		
Less Other Revenue	(341,115)	(341,115)	(341,115)	(314,984)	(314,984)	(355,871)	(348,706)	(353,206)	(408,080)	(414,748)	5.66%	2.04%
Net to be Raised by Rate	3,179,280	3,597,404	3,817,555	3,847,649	3,926,131	3,980,328	4,361,056	4,500,308	4,444,877	4,451,653	2.54%	3.97%
Sewer - Oper & Maint	2,507,198	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	5.49%	4.90%
Sewer - Net Debt Service	1,225,048	1,188,252	1,193,013	1,288,589	1,373,165	1,597,819	1,584,904	1,679,432	2,122,492	1,943,617	7.20%	5.90%
Sewer - Capital Reserve	400,000	400,000	400,000	400,000	425,000	420,000	440,000	500,000	500,000	500,000	3.30%	2.26%
Total Sewer Cash Needs	4,132,246	4,179,012	4,291,520	4,608,237	4,814,325	5,105,055	5,385,011	5,724,709	6,206,101	6,383,947	5.81%	4.95%
Working Capital/Adjustment	3,134	3,134	3,134	3,134	75,000	-	-	4,100	4,100	-		
Less Other Revenue	(112,200)	(112,200)	(112,200)	(110,150)	(183,150)	(68,200)	(68,000)	(72,300)	(100,050)	(100,050)	-11.39%	-1.14%
Net to be Raised by Rate	4,023,180	4,069,946	4,182,454	4,501,221	4,706,175	5,036,855	5,317,011	5,656,509	6,110,151	6,283,897	5.95%	5.08%
Total Utility Funds	7,202,460	7,667,350	8,000,009	8,348,870	8,632,306	9,017,183	9,678,067	10,156,817	10,555,028	10,735,550	4.46%	4.60%
Dollar Change											5 Yr Cum $	10 Yr Cum $
Water	163,040	418,124	220,151	30,094	78,482	54,197	380,728	139,252	(55,431)	6,776	525,522	1,435,413
Sewer	194,670	46,766	112,508	318,767	204,954	330,680	280,156	339,498	453,642	173,746	1,577,722	2,455,387
Total Utility Funds	357,710	464,890	332,659	348,861	283,436	384,877	660,884	478,750	398,211	180,522	2,103,244	3,890,800
Percent Change												
Water	5.41%	13.15%	6.12%	0.79%	2.04%	1.38%	9.57%	3.19%	-1.23%	0.15%		
Sewer	5.08%	1.16%	2.76%	7.62%	4.55%	7.03%	5.56%	6.39%	8.02%	2.84%		
Total Utility Funds	5.23%	6.45%	4.34%	4.36%	3.39%	4.46%	7.33%	4.95%	3.92%	1.71%		

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016		
UTILITY RATES PER HCF:											5 Yr Ann %	10 Yr Ann %
Water	3.12	3.53	3.75	3.78	3.93	3.97	4.36	4.69	4.69	4.77	3.95%	4.89%
Sewer	4.34	4.39	4.51	4.74	5.04	5.43	5.78	6.53	7.24	7.52	8.33%	6.18%
Total Utility Funds	7.46	7.92	8.26	8.52	8.97	9.40	10.14	11.22	11.93	12.29	6.50%	5.66%
Dollar Change											5 Yr Cum $	10 Yr Cum $
Water	0.16	0.41	0.22	0.03	0.15	0.04	0.39	0.33	-	0.08	0.84	1.81
Sewer	0.21	0.05	0.12	0.23	0.30	0.39	0.35	0.75	0.71	0.28	2.48	3.39
Total Utility Funds	0.37	0.46	0.34	0.26	0.45	0.43	0.74	1.08	0.71	0.36	3.32	5.20
Percent Change												
Water	5.41%	13.14%	6.23%	0.80%	3.97%	1.02%	9.82%	7.57%	0.00%	1.71%		
Sewer	5.08%	1.15%	2.73%	5.10%	6.33%	7.74%	6.45%	12.98%	10.87%	3.87%		
Total Utility Funds	5.22%	6.17%	4.29%	3.15%	5.28%	4.79%	7.87%	10.65%	6.33%	3.02%		
BILLABLE VOLUME - HCF*											5 Yr Ann %	10 Yr Ann %
Water	1,019,000	1,019,000	1,019,000	1,019,000	999,253	999,253	999,253	958,837	947,574	934,160	-1.34%	-0.87%
Sewer	927,000	927,000	927,000	933,000	933,000	919,714	919,714	860,185	844,781	835,870	-2.17%	-1.03%
HCF Change											5 Yr Cum	10 Yr Cum
Water	-	-	-	-	(19,747)	-	-	(40,416)	(11,263)	(13,414)	(65,093)	(84,840)
Sewer	-	-	-	6,000	-	(13,286)	-	(59,529)	(15,404)	(8,911)	(97,130)	(91,130)
Percent Change												
Water	0.00%	0.00%	0.00%	0.00%	-1.94%	0.00%	0.00%	-4.04%	-1.17%	-1.42%		
Sewer	0.00%	0.00%	0.00%	0.65%	0.00%	-1.42%	0.00%	-6.47%	-1.79%	-1.05%		

* 100 Cubic Feet = 748 Gallons

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	Hospital	Total Debt
Public Impr	*	3005	70	6.100%	03/15/85	545,000	80,501	274,500	355,001		189,999				545,000		545,000
Public Impr	*	3006	71	4.300%	04/01/86	430,000	205,000		205,000						205,000	225,000	430,000
Urban Renewal	*	3008	73	5.100%	10/01/88	590,000	590,000		590,000						590,000		590,000
Water-Middle Rd	*	NA	75	6.000%	01/01/85	300,000			0	300,000					300,000		300,000
Bellamy Storm Dr	*	3009	75	6.100%	01/01/90	250,000	250,000		250,000						250,000		250,000
Pool/Fire Truck	*	3010	75	7.200%	01/01/88	245,000	245,000		245,000						245,000		245,000
Jr High Renov	*	3011	75	7.200%	01/01/81	50,000		50,000	50,000						50,000		50,000
Hospital Add	*	3012	75	7.200%	01/01/99	2,700,000			0						0	2,700,000	2,700,000
Cocheco Separation	*	3013	75	5.750%	12/01/90	2,279,000			0		2,279,000				2,279,000		2,279,000
Cocheco/So Side	*	3014	78	4.800%	03/01/96	2,260,000			0		2,260,000				2,260,000		2,260,000
Public Impr	*	3015	78	4.800%	12/30/82	140,000	75,000		75,000			65,000			140,000		140,000
So Side Sewer	*	3016	79	5.770%	07/01/99	626,000			0		626,000				626,000		626,000
Public Impr	*	3017	80	7.500%	12/29/87	179,000	40,000	139,000	179,000						179,000		179,000
Jr High Renov	*	3018	80	7.320%	07/01/95	2,000,000		2,000,000	2,000,000						2,000,000		2,000,000
Fire Truck	*	3019	80	6.650%	07/01/90	220,000	220,000		220,000						220,000		220,000
Public Impr	*	3020	82	10.500%	07/15/92	2,000,000	847,000	80,000	927,000	898,000	175,000				2,000,000		2,000,000
Public Impr	*	3021	83	8.740%	07/15/98	1,740,000	636,000	239,000	875,000	175,000	295,000	60,000	335,000		1,740,000		1,740,000
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		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		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		1,788,000
Sch Petro Tank Repl	*	3025	87	0.000%	12/23/92	42,722		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		3,462,000
WWTP-State Guar	*	3027	88	6.982%	07/15/03	1,295,000			0		1,295,000				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		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		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		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		2,722,500
WWTP-State Guar		3032	91	6.698%	07/15/11	10,500,000			0		10,500,000				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		7,300,000
WWTP-State Guar		3034	92	5.597%	01/15/12	450,000			0		450,000				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		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		3,043,000
Sch Enegry Consrv - Lease	*	NA	95	6.690%	04/25/05	668,200		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		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		3,885,092
Energy Conserv	*	3039	96	5.406%	01/15/12	875,055	508,399		508,399			366,656			875,055		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		1,002,327
BFA Loan - Conproco	*	3041	97	9.5000%	07/31/07	979,000			0				979,000		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		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		4,137,500
SRL - Griffin Well	*	3044	99	1.1875%	11/01/03	250,000			0	250,000					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		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		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		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		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		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		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		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		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		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		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		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		8,790,000
CDFA Energy Impr		3058	11	2.4700%	12/31/20	250,000	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		17,530,000
SRL - WWTP Aeration		3060	13	1.7000%	02/01/22	251,241			0		251,241				251,241		251,241
SRL - North End Pressure		3061	13	2.7200%	11/01/32	3,400,000			0	3,400,000					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		22,385,000
Public Improvements		3063	14	3.2670%	05/15/34	11,495,000			0					11,495,000	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		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		1,207,935
Eversource SMART Start Improv.		3066	15	2.1204%	11/27/18	110,058	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		19,590,000
	Total of Issues					318,372,204	128,219,076	71,515,122	199,734,198	35,099,649	57,611,711	6,735,256	4,271,390	11,495,000	314,947,204	3,425,000	318,372,204

C = Closed

Capital Improvements Program - FY2017-2022

Debt Balance - Existing

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2015	44,044,699	18,833,607	62,878,306	3,271,937	10,965,000	11,674,420	0	11,200,000	99,989,663
2016	39,535,509	16,588,021	56,123,530	2,927,637	9,814,930	10,416,189	0	10,940,000	90,222,285
2017	35,542,723	14,541,956	50,084,679	2,574,614	8,780,617	9,237,842	0	10,675,000	81,352,752
2018	31,600,276	12,534,185	44,134,461	2,208,773	7,742,922	8,087,084	0	10,400,000	72,573,239
2019	27,800,621	10,702,980	38,503,602	1,842,171	6,808,421	7,104,083	0	10,100,000	64,358,277
2020	24,029,190	8,961,665	32,990,855	1,463,265	5,904,591	6,150,011	0	9,575,000	56,083,722
2021	20,473,057	7,688,031	28,161,088	1,074,475	5,081,292	5,302,188	0	9,030,000	48,649,043
2022	17,403,616	6,449,815	23,853,432	681,826	4,354,072	4,555,407	0	8,460,000	41,904,737
2023	14,590,973	5,282,334	19,873,308	523,065	3,660,366	3,909,322	0	7,870,000	35,836,062
2024	11,713,645	4,119,318	15,832,964	355,667	2,964,595	3,257,102	0	7,265,000	29,675,327
2025	9,728,606	3,022,984	12,751,590	192,406	2,332,933	2,760,902	0	6,635,000	24,672,832
2026	7,904,472	1,991,917	9,896,390	20,000	1,763,355	2,314,225	0	5,985,000	19,978,970
2027	6,294,116	1,080,901	7,375,017	15,000	1,252,975	1,926,282	0	5,315,000	15,884,274
2028	5,155,682	743,693	5,899,375	10,000	985,528	1,539,578	0	4,625,000	13,059,482
2029	4,044,264	407,174	4,451,439	5,000	719,278	1,154,939	0	3,915,000	10,245,655
2030	3,094,292	85,767	3,180,059	0	506,326	848,034	0	3,180,000	7,714,419
2031	2,231,820	64,360	2,296,180	0	323,702	548,628	0	2,425,000	5,593,510
2032	1,369,348	42,953	1,412,300	0	151,880	249,223	0	1,645,000	3,458,404
2033	686,875	21,545	708,421	0	7,158	124,818	0	835,000	1,675,397
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

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
2015	0	0	0	0	0	0	0	0	0
2016	1,200,000	73,900,000	75,100,000	160,765	0	2,135,000	0	0	77,395,765
2017	7,624,525	73,900,000	81,524,525	152,727	7,050,000	13,578,250	2,450,000	0	104,755,502
2018	7,240,299	73,900,000	81,140,299	444,689	6,697,500	12,867,333	2,327,500	0	103,477,321
2019	6,856,073	73,840,000	80,696,073	421,651	6,345,000	12,156,416	2,205,000	0	101,824,140
2020	6,471,847	73,685,000	80,156,847	398,613	5,992,500	11,445,499	2,082,500	0	100,075,959
2021	6,087,621	72,140,000	78,227,621	375,575	5,640,000	10,734,582	1,960,000	0	96,937,778
2022	5,703,395	70,480,000	76,183,395	352,537	5,287,500	10,023,665	1,837,500	0	93,684,597
2023	5,319,169	68,655,000	73,974,169	329,499	4,935,000	9,312,748	1,715,000	0	90,266,416
2024	4,934,943	66,715,000	71,649,943	306,461	4,582,500	8,601,831	1,592,500	0	86,733,235
2025	4,550,717	64,610,000	69,160,717	283,423	4,230,000	7,890,914	1,470,000	0	83,035,054
2026	4,166,491	62,345,000	66,511,491	260,385	3,877,500	7,179,997	1,347,500	0	79,176,873
2027	3,782,265	59,845,000	63,627,265	237,347	3,525,000	6,469,080	1,225,000	0	75,083,692
2028	3,398,039	56,655,000	60,053,039	214,309	3,172,500	5,758,163	1,102,500	0	70,300,511
2029	3,013,813	53,355,000	56,368,813	191,271	2,820,000	5,047,246	980,000	0	65,407,330
2030	2,629,587	49,920,000	52,549,587	168,233	2,467,500	4,336,329	857,500	0	60,379,149
2031	2,245,361	46,060,000	48,305,361	145,195	2,115,000	3,625,412	735,000	0	54,925,968
2032	1,861,135	42,070,000	43,931,135	122,157	1,762,500	2,914,500	612,500	0	49,342,792
2033	1,476,909	37,945,000	39,421,909	99,119	1,410,000	2,310,250	490,000	0	43,731,278
2034	1,092,683	33,690,000	34,782,683	76,081	1,057,500	1,706,000	367,500	0	37,989,764
2035	708,457	29,280,000	29,988,457	53,043	705,000	1,101,750	245,000	0	32,093,250
2036	324,231	24,715,000	25,039,231	30,000	352,500	497,500	122,500	0	26,041,731
2037	0	19,975,000	19,975,000	15,000	0	0	0	0	19,990,000
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	4,840,000
2041	0	0	0	0	0	0	0	0	0

Capital Improvements Program - FY2017-2022

Debt Balance - Proposed CIP Only

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2015	0	0	0	0	0	0	0	0	0
2016	3,433,000	3,300,000	6,733,000	2,050,000	1,200,000	1,100,000	0	0	11,083,000
2017	4,841,350	6,735,000	11,576,350	2,747,500	11,683,333	2,531,667	0	0	28,538,850
2018	6,890,700	6,910,500	13,801,200	5,905,000	12,051,666	2,363,334	0	0	34,121,200
2019	8,925,050	6,539,475	15,464,525	5,597,500	17,753,332	2,195,001	0	0	41,010,358
2020	11,764,400	6,168,450	17,932,850	8,290,000	17,718,331	2,026,668	0	0	45,967,849
2021	12,111,250	6,297,425	18,408,675	11,232,500	16,616,663	1,858,335	0	0	48,116,173
2022	11,408,100	5,901,400	17,309,500	10,605,000	15,514,995	1,690,002	0	0	45,119,497
2023	10,704,950	5,505,375	16,210,325	9,977,500	14,413,327	1,521,669	0	0	42,122,821
2024	10,001,800	5,109,350	15,111,150	9,350,000	13,311,659	1,353,336	0	0	39,126,145
2025	9,298,650	4,713,325	14,011,975	8,722,500	12,209,991	1,185,003	0	0	36,129,469
2026	8,595,500	4,317,300	12,912,800	8,095,000	11,108,323	1,016,670	0	0	33,132,793
2027	7,892,350	3,921,275	11,813,625	7,467,500	10,006,655	848,337	0	0	30,136,117
2028	7,189,200	3,525,250	10,714,450	6,840,000	8,904,987	680,004	0	0	27,139,441
2029	6,486,050	3,129,225	9,615,275	6,212,500	7,803,319	511,671	0	0	24,142,765
2030	5,782,900	2,733,200	8,516,100	5,585,000	6,701,651	343,338	0	0	21,146,089
2031	5,079,750	2,337,175	7,416,925	4,957,500	5,599,988	175,000	0	0	18,149,413
2032	4,376,600	1,941,150	6,317,750	4,330,000	4,524,987	60,000	0	0	15,232,737
2033	3,673,450	1,545,125	5,218,575	3,702,500	3,599,991	45,000	0	0	12,566,066
2034	2,970,300	1,149,100	4,119,400	3,075,000	2,741,662	30,000	0	0	9,966,062
2035	2,267,150	753,075	3,020,225	2,447,500	1,950,000	15,000	0	0	7,432,725
2036	1,569,000	357,050	1,926,050	1,820,000	1,225,000	0	0	0	4,971,050
2037	1,042,500	126,025	1,168,525	1,295,000	540,000	0	0	0	3,003,525
2038	595,000	75,000	670,000	810,000	270,000	0	0	0	1,750,000
2039	262,500	50,000	312,500	490,000	0	0	0	0	802,500
2040	50,000	25,000	75,000	170,000	0	0	0	0	245,000

Debt Balance - Existing, Authorized & Proposed

End of FY	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2015	44,044,699	18,833,607	62,878,306	3,271,937	10,965,000	11,674,420	0	11,200,000	99,989,663
2016	44,168,509	93,788,021	137,956,530	5,138,402	11,014,930	13,651,189	0	10,940,000	178,701,050
2017	48,008,598	95,176,956	143,185,554	5,474,841	27,513,950	25,347,759	2,450,000	10,675,000	214,647,104
2018	45,731,275	93,344,685	139,075,960	8,558,462	26,492,088	23,317,751	2,327,500	10,400,000	210,171,760
2019	43,581,744	91,082,455	134,664,200	7,861,322	30,906,753	21,455,500	2,205,000	10,100,000	207,192,775
2020	42,265,437	88,815,115	131,080,552	10,151,878	29,615,422	19,622,178	2,082,500	9,575,000	202,127,530
2021	38,671,928	86,125,456	124,797,384	12,682,550	27,337,955	17,895,105	1,960,000	9,030,000	193,702,994
2022	34,515,111	82,831,215	117,346,327	11,639,363	25,156,567	16,269,074	1,837,500	8,460,000	180,708,831
2023	30,615,092	79,442,709	110,057,802	10,830,064	23,008,693	14,743,739	1,715,000	7,870,000	168,225,299
2024	26,650,388	75,943,668	102,594,057	10,012,128	20,858,754	13,212,269	1,592,500	7,265,000	155,534,707
2025	23,577,973	72,346,309	95,924,282	9,198,329	18,772,924	11,836,819	1,470,000	6,635,000	143,837,355
2026	20,666,463	68,654,217	89,320,681	8,375,385	16,749,178	10,510,892	1,347,500	5,985,000	132,288,636
2027	17,968,731	64,847,176	82,815,907	7,719,847	14,784,630	9,243,699	1,225,000	5,315,000	121,104,083
2028	15,742,921	60,923,943	76,666,864	7,064,309	13,063,015	7,977,745	1,102,500	4,625,000	110,499,434
2029	13,544,127	56,891,399	70,435,527	6,408,771	11,342,597	6,713,856	980,000	3,915,000	99,795,750
2030	11,506,779	52,738,967	64,245,746	5,753,233	9,675,477	5,527,701	857,500	3,180,000	89,239,657
2031	9,556,931	48,461,535	58,018,466	5,102,695	8,038,690	4,349,040	735,000	2,425,000	78,668,891
2032	7,607,083	44,054,103	51,661,185	4,452,157	6,439,367	3,223,723	612,500	1,645,000	68,033,933
2033	5,837,234	39,511,670	45,348,905	3,801,619	5,017,149	2,480,068	490,000	835,000	57,972,741
2034	4,062,983	34,839,100	38,902,083	3,151,081	3,799,162	1,736,000	367,500	0	47,955,826
2035	2,975,607	30,033,075	33,008,682	2,500,543	2,655,000	1,116,750	245,000	0	39,525,975
2036	1,893,231	25,072,050	26,965,281	1,850,000	1,577,500	497,500	122,500	0	31,012,781
2037	1,042,500	20,101,025	21,143,525	1,310,000	540,000	0	0	0	22,993,525
2038	595,000	15,155,000	15,750,000	810,000	270,000	0	0	0	16,830,000
2039	262,500	10,110,000	10,372,500	490,000	0	0	0	0	10,862,500
2040	50,000	4,865,000	4,915,000	170,000	0	0	0	0	5,085,000
2041	0	0	0	0	0	0	0	0	0

Capital Improvements Program - FY2017-2022

Principal Payments - Existing Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	4,509,190	2,245,586	6,754,776	344,300	1,150,071	1,258,231	0	260,000	9,767,378
2017	3,992,785	2,046,065	6,038,851	353,023	1,034,312	1,178,347	0	265,000	8,869,534
2018	3,942,447	2,007,771	5,950,218	365,841	1,037,696	1,150,758	0	275,000	8,779,513
2019	3,799,655	1,831,205	5,630,860	366,601	934,500	983,000	0	300,000	8,214,962
2020	3,771,432	1,741,315	5,512,746	378,907	903,831	954,072	0	525,000	8,274,556
2021	3,556,133	1,273,635	4,829,768	388,790	823,299	847,823	0	545,000	7,434,679
2022	3,069,440	1,238,215	4,307,656	392,649	727,220	746,781	0	570,000	6,744,306
2023	2,812,643	1,167,481	3,980,124	158,761	693,705	646,085	0	590,000	6,068,676
2024	2,877,328	1,163,016	4,040,344	167,398	695,772	652,221	0	605,000	6,160,734
2025	1,985,040	1,096,334	3,081,374	163,261	631,661	496,200	0	630,000	5,002,496
2026	1,824,133	1,031,067	2,855,200	172,406	569,579	446,677	0	650,000	4,693,862
2027	1,610,357	911,016	2,521,373	5,000	510,380	387,943	0	670,000	4,094,696
2028	1,138,433	337,209	1,475,642	5,000	267,446	386,704	0	690,000	2,824,792
2029	1,111,418	336,518	1,447,936	5,000	266,251	384,639	0	710,000	2,813,826
2030	949,972	321,407	1,271,380	5,000	212,951	306,905	0	735,000	2,531,236
2031	862,472	21,407	883,880	0	182,625	299,405	0	755,000	2,120,910
2032	862,472	21,407	883,880	0	171,821	299,405	0	780,000	2,135,106
2033	682,472	21,407	703,880	0	144,722	124,405	0	810,000	1,783,007
2034	686,875	21,545	708,421	0	7,158	124,818	0	835,000	1,675,397
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
2041	0	0	0	0	0	0	0	0	0
Totals	44,044,699	18,833,607	62,878,306	3,271,937	10,965,000	11,674,420	0	11,200,000	99,989,663

Interest Payments - Existing Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	1,807,675	1,446,835	3,254,510	130,319	407,963	437,870	0	381,463	4,612,125
2017	1,579,139	1,385,214	2,964,353	106,173	351,583	385,241	0	373,663	4,181,012
2018	1,422,510	1,362,947	2,785,457	95,396	316,939	344,750	0	365,713	3,908,255
2019	1,270,474	1,337,937	2,608,412	84,237	283,375	303,933	0	354,713	3,634,669
2020	1,128,955	1,330,701	2,459,656	76,129	255,619	268,852	0	342,713	3,402,969
2021	979,524	378,130	1,357,653	64,571	225,339	233,285	0	321,713	2,202,562
2022	839,558	336,346	1,175,904	52,711	198,188	201,980	0	294,463	1,923,245
2023	695,894	280,541	976,435	33,610	167,506	170,077	0	277,363	1,624,990
2024	560,535	226,822	787,357	25,747	137,454	140,362	0	259,663	1,350,582
2025	423,680	173,317	596,997	17,452	107,555	112,020	0	235,463	1,069,486
2026	341,302	122,784	464,087	9,352	81,536	92,017	0	216,563	863,554
2027	269,890	77,969	347,859	794	58,268	76,415	0	197,063	680,398
2028	210,037	41,995	252,032	600	39,966	62,859	0	176,963	532,419
2029	168,660	28,584	197,244	400	31,350	49,332	0	155,400	433,725
2030	136,056	15,617	151,674	200	22,694	37,439	0	132,325	344,332
2031	104,751	2,922	107,673	0	15,686	27,677	0	108,438	259,472
2032	76,811	2,226	79,036	0	9,822	18,083	0	83,900	190,841
2033	47,927	1,503	49,431	0	4,242	8,322	0	57,575	119,570
2034	24,041	754	24,795	0	251	4,168	0	29,225	58,438
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
2041	0	0	0	0	0	0	0	0	0
Totals	12,087,419	8,553,144	20,640,563	697,691	2,715,334	2,974,682	0	4,364,375	31,392,645

Capital Improvements Program - FY2017-2022

Principal Payments - Authorized Debt

Fiscal Yr	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	60,000	0	60,000	8,038	0	106,750	0	0	174,788
2018	384,226	0	384,226	8,038	352,500	710,917	122,500	0	1,578,181
2019	384,226	60,000	444,226	23,038	352,500	710,917	122,500	0	1,653,181
2020	384,226	155,000	539,226	23,038	352,500	710,917	122,500	0	1,748,181
2021	384,226	1,545,000	1,929,226	23,038	352,500	710,917	122,500	0	3,138,181
2022	384,226	1,660,000	2,044,226	23,038	352,500	710,917	122,500	0	3,253,181
2023	384,226	1,825,000	2,209,226	23,038	352,500	710,917	122,500	0	3,418,181
2024	384,226	1,940,000	2,324,226	23,038	352,500	710,917	122,500	0	3,533,181
2025	384,226	2,105,000	2,489,226	23,038	352,500	710,917	122,500	0	3,698,181
2026	384,226	2,265,000	2,649,226	23,038	352,500	710,917	122,500	0	3,858,181
2027	384,226	2,500,000	2,884,226	23,038	352,500	710,917	122,500	0	4,093,181
2028	384,226	3,190,000	3,574,226	23,038	352,500	710,917	122,500	0	4,783,181
2029	384,226	3,300,000	3,684,226	23,038	352,500	710,917	122,500	0	4,893,181
2030	384,226	3,435,000	3,819,226	23,038	352,500	710,917	122,500	0	5,028,181
2031	384,226	3,860,000	4,244,226	23,038	352,500	710,917	122,500	0	5,453,181
2032	384,226	3,990,000	4,374,226	23,038	352,500	710,912	122,500	0	5,583,176
2033	384,226	4,125,000	4,509,226	23,038	352,500	604,250	122,500	0	5,611,514
2034	384,226	4,255,000	4,639,226	23,038	352,500	604,250	122,500	0	5,741,514
2035	384,226	4,410,000	4,794,226	23,038	352,500	604,250	122,500	0	5,896,514
2036	384,226	4,565,000	4,949,226	23,043	352,500	604,250	122,500	0	6,051,519
2037	324,231	4,740,000	5,064,231	15,000	352,500	497,500	122,500	0	6,051,731
2038	0	4,895,000	4,895,000	15,000	0	0	0	0	4,910,000
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
Totals	7,684,525	73,900,000	81,584,525	460,765	7,050,000	13,685,000	2,450,000	0	105,230,290

Interest Payments - Authorized Debt

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	28,500	739,000	767,500	3,818	0	50,707	0	0	822,025
2017	211,008	2,956,000	3,167,008	7,636	167,438	373,726	58,188	0	3,773,994
2018	362,165	2,956,000	3,318,165	14,380	334,875	640,967	116,375	0	4,424,762
2019	343,914	2,956,000	3,299,914	21,123	318,131	607,465	110,556	0	4,357,189
2020	325,663	2,953,600	3,279,263	20,029	301,388	573,964	104,738	0	4,279,382
2021	307,413	2,947,400	3,254,813	18,934	284,644	540,461	98,919	0	4,197,771
2022	289,162	2,885,600	3,174,762	17,840	267,900	506,959	93,100	0	4,060,561
2023	270,911	2,819,200	3,090,111	16,746	251,156	473,458	87,281	0	3,918,752
2024	252,661	2,746,200	2,998,861	15,652	234,413	439,956	81,463	0	3,770,345
2025	234,410	2,668,600	2,903,010	14,557	217,669	406,454	75,644	0	3,617,334
2026	216,159	2,584,400	2,800,559	13,463	200,925	372,952	69,825	0	3,457,724
2027	197,908	2,493,800	2,691,708	12,368	184,181	339,450	64,006	0	3,291,713
2028	179,658	2,393,800	2,573,458	11,274	167,438	305,949	58,188	0	3,116,307
2029	161,407	2,266,200	2,427,607	10,180	150,694	272,446	52,369	0	2,913,296
2030	143,156	2,134,200	2,277,356	9,086	133,950	238,944	46,550	0	2,705,886
2031	124,905	1,996,800	2,121,705	7,991	117,206	205,443	40,731	0	2,493,076
2032	106,655	1,842,400	1,949,055	6,897	100,463	171,941	34,913	0	2,263,269
2033	88,404	1,682,800	1,771,204	5,802	83,719	138,439	29,094	0	2,028,258
2034	70,153	1,517,800	1,587,953	4,709	66,975	109,737	23,275	0	1,792,649
2035	51,902	1,347,600	1,399,502	3,614	50,231	81,035	17,456	0	1,551,838
2036	33,652	1,171,200	1,204,852	2,520	33,488	52,334	11,638	0	1,304,832
2037	15,401	988,600	1,004,001	1,425	16,744	23,631	5,819	0	1,051,620
2038	0	799,000	799,000	713	0	0	0	0	799,713
2039	0	603,200	603,200	0	0	0	0	0	603,200
2040	0	402,400	402,400	0	0	0	0	0	402,400
2041	0	193,600	193,600	0	0	0	0	0	193,600
Totals	4,015,167	51,045,400	55,060,567	240,757	3,683,628	6,926,417	1,280,128	0	67,191,496

Capital Improvements Program - FY2017-2022

Principal Payments - Proposed CIP Only

Fiscal Yr	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	171,650	165,000	336,650	102,500	66,667	68,333	0	0	574,150
2018	250,650	345,000	595,650	142,500	631,667	168,333	0	0	1,538,150
2019	365,650	371,025	736,675	307,500	698,334	168,333	0	0	1,910,842
2020	485,650	371,025	856,675	307,500	1,035,001	168,333	0	0	2,367,509
2021	653,150	371,025	1,024,175	457,500	1,101,668	168,333	0	0	2,751,676
2022	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2023	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2024	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2025	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2026	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2027	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2028	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2029	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2030	703,150	396,025	1,099,175	627,500	1,101,668	168,333	0	0	2,996,676
2031	703,150	396,025	1,099,175	627,500	1,101,663	168,338	0	0	2,996,676
2032	703,150	396,025	1,099,175	627,500	1,075,001	115,000	0	0	2,916,676
2033	703,150	396,025	1,099,175	627,500	924,996	15,000	0	0	2,666,671
2034	703,150	396,025	1,099,175	627,500	858,329	15,000	0	0	2,600,004
2035	703,150	396,025	1,099,175	627,500	791,662	15,000	0	0	2,533,337
2036	698,150	396,025	1,094,175	627,500	725,000	15,000	0	0	2,461,675
2037	526,500	231,025	757,525	525,000	685,000	0	0	0	1,967,525
2038	447,500	51,025	498,525	485,000	270,000	0	0	0	1,253,525
2039	332,500	25,000	357,500	320,000	270,000	0	0	0	947,500
2040	212,500	25,000	237,500	320,000	0	0	0	0	557,500
2041	50,000	25,000	75,000	170,000	0	0	0	0	245,000
Totals	14,038,000	7,920,500	21,958,500	12,550,000	20,150,000	2,600,000	0	0	57,258,500

Interest Payments - Proposed CIP Only

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	81,534	78,375	159,909	48,688	28,000	25,125	0	0	261,722
2017	200,593	242,250	442,843	116,375	303,750	84,000	0	0	946,968
2018	284,589	332,275	616,864	208,881	570,900	114,638	0	0	1,511,283
2019	384,309	328,249	712,558	280,488	714,588	107,025	0	0	1,814,659
2020	502,815	310,626	813,441	337,132	877,775	99,413	0	0	2,127,761
2021	570,497	304,876	875,373	474,525	829,388	91,800	0	0	2,271,086
2022	575,110	299,128	874,238	533,544	778,000	84,188	0	0	2,269,970
2023	541,723	280,317	822,040	503,738	726,613	76,575	0	0	2,128,966
2024	508,336	261,506	769,842	473,932	675,225	68,963	0	0	1,987,962
2025	474,949	242,695	717,644	444,125	623,838	61,350	0	0	1,846,957
2026	441,561	223,883	665,444	414,319	572,450	53,738	0	0	1,705,951
2027	408,175	205,072	613,247	384,513	521,063	46,125	0	0	1,564,948
2028	374,787	186,261	561,048	354,707	469,675	38,513	0	0	1,423,943
2029	341,400	167,450	508,850	324,900	418,288	30,900	0	0	1,282,938
2030	308,013	148,639	456,652	295,094	366,900	23,288	0	0	1,141,934
2031	274,626	129,828	404,454	265,288	315,513	15,675	0	0	1,000,930
2032	241,239	111,016	352,255	235,482	264,125	8,063	0	0	859,925
2033	207,852	92,205	300,057	205,675	213,938	2,850	0	0	722,520
2034	174,464	73,394	247,858	175,869	170,500	2,138	0	0	596,365
2035	141,078	54,583	195,661	146,063	130,063	1,425	0	0	473,212
2036	107,690	35,772	143,462	116,257	92,625	713	0	0	353,057
2037	74,528	16,960	91,488	86,450	58,188	0	0	0	236,126
2038	49,519	5,986	55,505	61,513	25,650	0	0	0	142,668
2039	28,263	3,563	31,826	38,475	12,825	0	0	0	83,126
2040	12,469	2,375	14,844	23,275	0	0	0	0	38,119
2041	2,375	1,188	3,563	8,075	0	0	0	0	11,638
Totals	7,312,494	4,138,472	11,450,966	6,557,383	9,759,880	1,036,505	0	0	28,804,734

Capital Improvements Program - FY2017-2022

Principal & Interest - Proposed CIP Only

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	81,534	78,375	159,909	48,688	28,000	25,125	0	0	261,722
2017	372,243	407,250	779,493	218,875	370,417	152,333	0	0	1,521,118
2018	535,239	677,275	1,212,514	351,381	1,202,567	282,971	0	0	3,049,433
2019	749,959	699,274	1,449,233	587,988	1,412,922	275,358	0	0	3,725,501
2020	988,465	681,651	1,670,116	644,632	1,912,776	267,746	0	0	4,495,270
2021	1,223,647	675,901	1,899,548	932,025	1,931,056	260,133	0	0	5,022,762
2022	1,278,260	695,153	1,973,413	1,161,044	1,879,668	252,521	0	0	5,266,646
2023	1,244,873	676,342	1,921,215	1,131,238	1,828,281	244,908	0	0	5,125,642
2024	1,211,486	657,531	1,869,017	1,101,432	1,776,893	237,296	0	0	4,984,638
2025	1,178,099	638,720	1,816,819	1,071,625	1,725,506	229,683	0	0	4,843,633
2026	1,144,711	619,908	1,764,619	1,041,819	1,674,118	222,071	0	0	4,702,627
2027	1,111,325	601,097	1,712,422	1,012,013	1,622,731	214,458	0	0	4,561,624
2028	1,077,937	582,286	1,660,223	982,207	1,571,343	206,846	0	0	4,420,619
2029	1,044,550	563,475	1,608,025	952,400	1,519,956	199,233	0	0	4,279,614
2030	1,011,163	544,664	1,555,827	922,594	1,468,568	191,621	0	0	4,138,610
2031	977,776	525,853	1,503,629	892,788	1,417,176	184,013	0	0	3,997,606
2032	944,389	507,041	1,451,430	862,982	1,339,126	123,063	0	0	3,776,601
2033	911,002	488,230	1,399,232	833,175	1,138,934	17,850	0	0	3,389,191
2034	877,614	469,419	1,347,033	803,369	1,028,829	17,138	0	0	3,196,369
2035	844,228	450,608	1,294,836	773,563	921,725	16,425	0	0	3,006,549
2036	805,840	431,797	1,237,637	743,757	817,625	15,713	0	0	2,814,732
2037	601,028	247,985	849,013	611,450	743,188	0	0	0	2,203,651
2038	497,019	57,011	554,030	546,513	295,650	0	0	0	1,396,193
2039	360,763	28,563	389,326	358,475	282,825	0	0	0	1,030,626
2040	224,969	27,375	252,344	343,275	0	0	0	0	595,619
2041	52,375	26,188	78,563	178,075	0	0	0	0	256,638
Totals	21,350,494	12,058,972	33,409,466	19,107,383	29,909,880	3,636,505	0	0	86,063,234

Principal & Interest - Existing, Authorized & Proposed

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	6,426,899	4,509,796	10,936,695	527,125	1,586,034	1,771,932	0	641,463	15,463,248
2017	6,215,175	6,794,529	13,009,704	693,745	1,923,750	2,196,396	58,188	638,663	18,520,446
2018	6,646,587	7,003,993	13,650,580	835,036	3,244,576	3,130,363	238,875	640,713	21,740,143
2019	6,548,228	6,884,416	13,432,644	1,082,987	3,301,428	2,880,674	233,056	654,713	21,585,502
2020	6,598,741	6,862,267	13,461,007	1,142,734	3,726,114	2,775,551	227,238	867,713	22,200,358
2021	6,450,943	6,820,065	13,271,008	1,427,358	3,616,838	2,592,620	221,419	866,713	21,995,955
2022	5,860,646	6,815,314	12,675,960	1,647,282	3,425,476	2,419,157	215,600	864,463	21,247,939
2023	5,408,547	6,768,564	12,177,111	1,363,393	3,293,148	2,245,445	209,781	867,363	20,156,241
2024	5,286,236	6,733,569	12,019,806	1,333,267	3,197,032	2,180,751	203,963	864,663	19,799,481
2025	4,205,454	6,681,971	10,887,425	1,289,933	3,034,891	1,955,273	198,144	865,463	18,231,130
2026	3,910,532	6,623,159	10,533,691	1,260,078	2,878,658	1,844,634	192,325	866,563	17,575,948
2027	3,573,706	6,583,882	10,157,588	1,053,213	2,728,060	1,729,183	186,506	867,063	16,721,612
2028	2,990,291	6,545,289	9,535,581	1,022,119	2,398,693	1,673,276	180,688	866,963	15,677,318
2029	2,870,261	6,494,777	9,365,038	991,018	2,320,750	1,616,567	174,869	865,400	15,333,642
2030	2,624,574	6,450,889	9,075,462	959,918	2,190,664	1,485,826	169,050	867,325	14,748,245
2031	2,454,130	6,406,982	8,861,112	923,817	2,085,192	1,427,455	163,231	863,438	14,324,245
2032	2,374,553	6,363,074	8,737,627	892,917	1,973,732	1,323,404	157,413	863,900	13,948,993
2033	2,114,031	6,318,941	8,432,972	862,015	1,724,118	893,266	151,594	867,575	12,931,540
2034	2,042,909	6,264,518	8,307,427	831,116	1,455,712	860,111	145,775	864,225	12,464,367
2035	1,280,356	6,208,208	7,488,564	800,215	1,324,456	701,710	139,956	0	10,454,901
2036	1,223,718	6,167,997	7,391,715	769,320	1,203,613	672,297	134,138	0	10,171,083
2037	940,660	5,976,585	6,917,245	627,875	1,112,432	521,131	128,319	0	9,307,002
2038	497,019	5,751,011	6,248,030	562,226	295,650	0	0	0	7,105,906
2039	360,763	5,651,763	6,012,526	358,475	282,825	0	0	0	6,653,826
2040	224,969	5,649,775	5,874,744	343,275	0	0	0	0	6,218,019
2041	52,375	5,059,788	5,112,163	178,075	0	0	0	0	5,290,238
2042	0	0	0	0	0	0	0	0	0
Totals	89,182,303	164,391,123	253,573,426	23,778,533	54,323,842	38,897,023	3,730,128	15,564,375	389,867,327

Capital Improvements Program - FY2017-2022

Principal Payments - Existing, Authorized & Proposed

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	4,509,190	2,245,586	6,754,776	344,300	1,150,071	1,258,231	0	260,000	9,767,378
2017	4,224,435	2,211,065	6,435,501	463,561	1,100,979	1,353,430	0	265,000	9,618,472
2018	4,577,323	2,352,771	6,930,094	516,379	2,021,863	2,030,008	122,500	275,000	11,895,844
2019	4,549,531	2,262,230	6,811,761	697,139	1,985,334	1,862,250	122,500	300,000	11,778,985
2020	4,641,308	2,267,340	6,908,647	709,445	2,291,332	1,833,322	122,500	525,000	12,390,246
2021	4,593,509	3,189,660	7,783,169	869,328	2,277,467	1,727,073	122,500	545,000	13,324,536
2022	4,156,816	3,294,240	7,451,057	1,043,187	2,181,388	1,626,031	122,500	570,000	12,994,163
2023	3,900,019	3,388,506	7,288,525	809,299	2,147,873	1,525,335	122,500	590,000	12,483,533
2024	3,964,704	3,499,041	7,463,745	817,936	2,149,940	1,531,471	122,500	605,000	12,690,591
2025	3,072,416	3,597,359	6,669,775	813,799	2,085,829	1,375,450	122,500	630,000	11,697,353
2026	2,911,509	3,692,092	6,603,601	822,944	2,023,747	1,325,927	122,500	650,000	11,548,719
2027	2,697,733	3,807,041	6,504,774	655,538	1,964,548	1,267,193	122,500	670,000	11,184,553
2028	2,225,809	3,923,234	6,149,043	655,538	1,721,614	1,265,954	122,500	690,000	10,604,649
2029	2,198,794	4,032,543	6,231,337	655,538	1,720,419	1,263,889	122,500	710,000	10,703,683
2030	2,037,348	4,152,432	6,189,781	655,538	1,667,119	1,186,155	122,500	735,000	10,556,093
2031	1,949,848	4,277,432	6,227,281	650,538	1,636,788	1,178,660	122,500	755,000	10,570,767
2032	1,949,848	4,407,432	6,357,281	650,538	1,599,322	1,125,317	122,500	780,000	10,634,958
2033	1,769,848	4,542,432	6,312,281	650,538	1,422,218	743,655	122,500	810,000	10,061,192
2034	1,774,251	4,672,570	6,446,822	650,538	1,217,987	744,068	122,500	835,000	10,016,915
2035	1,087,376	4,806,025	5,893,401	650,538	1,144,162	619,250	122,500	0	8,429,851
2036	1,082,376	4,961,025	6,043,401	650,543	1,077,500	619,250	122,500	0	8,513,194
2037	850,731	4,971,025	5,821,756	540,000	1,037,500	497,500	122,500	0	8,019,256
2038	447,500	4,946,025	5,393,525	500,000	270,000	0	0	0	6,163,525
2039	332,500	5,045,000	5,377,500	320,000	270,000	0	0	0	5,967,500
2040	212,500	5,245,000	5,457,500	320,000	0	0	0	0	5,777,500
2041	50,000	4,865,000	4,915,000	170,000	0	0	0	0	5,085,000
2042	0	0	0	0	0	0	0	0	0
Totals	65,767,224	100,654,107	166,421,331	16,282,702	38,165,000	27,959,420	2,450,000	11,200,000	262,478,453

State Aid to Existing Debt Service

Fiscal Yr	City Depts	School	Total General Fund	Special Revenue	Water	Sewer	DBIDA	Downtown TIF	Total City Debt
2016	0	674,819	674,819	0	0	20,382	0	0	695,201
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
Totals	0	6,096,850	6,096,850	0	0	152,374	0	0	6,249,224

Capital Improvements Program - FY2017-2022
Amortization Schedules - 15 Year

City Departments								End of FY		Rate
	0	0	0	0	75,000	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
2016							0	0	0	0
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	75,000	1,688	1,688
2021	0	0	0	0	5,000		5,000	70,000	3,375	8,375
2022	0	0	0	0	5,000	0	5,000	65,000	3,150	8,150
2023	0	0	0	0	5,000	0	5,000	60,000	2,925	7,925
2024	0	0	0	0	5,000	0	5,000	55,000	2,700	7,700
2025	0	0	0	0	5,000	0	5,000	50,000	2,475	7,475
2026	0	0	0	0	5,000	0	5,000	45,000	2,250	7,250
2027	0	0	0	0	5,000	0	5,000	40,000	2,025	7,025
2028	0	0	0	0	5,000	0	5,000	35,000	1,800	6,800
2029	0	0	0	0	5,000	0	5,000	30,000	1,575	6,575
2030	0	0	0	0	5,000	0	5,000	25,000	1,350	6,350
2031	0	0	0	0	5,000	0	5,000	20,000	1,125	6,125
2032		0	0	0	5,000	0	5,000	15,000	900	5,900
2033			0	0	5,000	0	5,000	10,000	675	5,675
2034				0	5,000	0	5,000	5,000	450	5,450
2035					5,000	0	5,000	0	225	5,225
2036						0	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
Totals	0	0	0	0	75,000	0	75,000		28,688	103,688
Var	0	0	0	0	0	0				

School										
	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
2016							0	0	0	0
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
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
2033			0	0	0	0	0	0	0	0
2034				0	0	0	0	0	0	0
2035					0	0	0	0	0	0
2036						0	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
Totals	0	0	0	0	0	0	0		0	0
Var	0	0	0	0	0	0	75,000	Tot GF		

Capital Improvements Program - FY2017-2022
Amortization Schedules - 15 Year

Water

Fiscal Yr	400,000 Yr 1	2,250,000 Yr 2	1,000,000 Yr 3	1,000,000 Yr 4	1,000,000 Yr 5	0 Yr 6	Total Water	Princ Bal Water	Interest	Total DS Water
2016							0	400,000	9,000	9,000
2017	26,667						26,667	2,623,333	68,625	95,292
2018	26,667	150,000					176,667	3,446,666	140,550	317,217
2019	26,667	150,000	66,667				243,334	4,203,332	177,600	420,934
2020	26,667	150,000	66,667	66,667			310,001	4,893,331	234,150	544,151
2021	26,667	150,000	66,667	66,667	66,667		376,668	4,516,663	220,200	596,868
2022	26,667	150,000	66,667	66,667	66,667	0	376,668	4,139,995	203,250	579,918
2023	26,667	150,000	66,667	66,667	66,667	0	376,668	3,763,327	186,300	562,968
2024	26,667	150,000	66,667	66,667	66,667	0	376,668	3,386,659	169,350	546,018
2025	26,667	150,000	66,667	66,667	66,667	0	376,668	3,009,991	152,400	529,068
2026	26,667	150,000	66,667	66,667	66,667	0	376,668	2,633,323	135,450	512,118
2027	26,667	150,000	66,667	66,667	66,667	0	376,668	2,256,655	118,500	495,168
2028	26,667	150,000	66,667	66,667	66,667	0	376,668	1,879,987	101,550	478,218
2029	26,667	150,000	66,667	66,667	66,667	0	376,668	1,503,319	84,600	461,268
2030	26,667	150,000	66,667	66,667	66,667	0	376,668	1,126,651	67,650	444,318
2031	26,662	150,000	66,667	66,667	66,667	0	376,663	749,988	50,700	427,363
2032		150,000	66,667	66,667	66,667	0	350,001	399,987	33,750	383,751
2033			66,662	66,667	66,667	0	199,996	199,991	18,000	217,996
2034				66,662	66,667	0	133,329	66,662	9,000	142,329
2035					66,662	0	66,662	0	3,000	69,662
2036						0	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
Totals	400,000	2,250,000	1,000,000	1,000,000	1,000,000	0	5,650,000		2,183,625	7,833,625
Var	0	0	0	0	0	0				

Sewer

Fiscal Yr	800,000 Yr 1	1,500,000 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer
2016							0	800,000	18,000	18,000
2017	53,333						53,333	2,246,667	69,750	123,083
2018	53,333	100,000					153,333	2,093,334	101,100	254,433
2019	53,333	100,000	0				153,333	1,940,001	94,200	247,533
2020	53,333	100,000	0	0			153,333	1,786,668	87,300	240,633
2021	53,333	100,000	0	0	0		153,333	1,633,335	80,400	233,733
2022	53,333	100,000	0	0	0	0	153,333	1,480,002	73,500	226,833
2023	53,333	100,000	0	0	0	0	153,333	1,326,669	66,600	219,933
2024	53,333	100,000	0	0	0	0	153,333	1,173,336	59,700	213,033
2025	53,333	100,000	0	0	0	0	153,333	1,020,003	52,800	206,133
2026	53,333	100,000	0	0	0	0	153,333	866,670	45,900	199,233
2027	53,333	100,000	0	0	0	0	153,333	713,337	39,000	192,333
2028	53,333	100,000	0	0	0	0	153,333	560,004	32,100	185,433
2029	53,333	100,000	0	0	0	0	153,333	406,671	25,200	178,533
2030	53,333	100,000	0	0	0	0	153,333	253,338	18,300	171,633
2031	53,338	100,000	0	0	0	0	153,338	100,000	11,400	164,738
2032		100,000	0	0	0	0	100,000	0	4,500	104,500
2033			0	0	0	0	0	0	0	0
2034				0	0	0	0	0	0	0
2035					0	0	0	0	0	0
2036						0	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
Totals	800,000	1,500,000	0	0	0	0	2,300,000		879,750	3,179,750
Var	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - 20 Year

City Departments								End of FY		Rate
	3,433,000	1,580,000	2,300,000	2,400,000	3,250,000	1,000,000	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
2016							0	3,433,000	81,534	81,534
2017	171,650						171,650	4,841,350	200,593	372,243
2018	171,650	79,000					250,650	6,890,700	284,589	535,239
2019	171,650	79,000	115,000				365,650	8,925,050	384,309	749,959
2020	171,650	79,000	115,000	120,000			485,650	11,689,400	501,128	986,778
2021	171,650	79,000	115,000	120,000	162,500		648,150	12,041,250	567,122	1,215,272
2022	171,650	79,000	115,000	120,000	162,500	50,000	698,150	11,343,100	571,960	1,270,110
2023	171,650	79,000	115,000	120,000	162,500	50,000	698,150	10,644,950	538,798	1,236,948
2024	171,650	79,000	115,000	120,000	162,500	50,000	698,150	9,946,800	505,636	1,203,786
2025	171,650	79,000	115,000	120,000	162,500	50,000	698,150	9,248,650	472,474	1,170,624
2026	171,650	79,000	115,000	120,000	162,500	50,000	698,150	8,550,500	439,311	1,137,461
2027	171,650	79,000	115,000	120,000	162,500	50,000	698,150	7,852,350	406,150	1,104,300
2028	171,650	79,000	115,000	120,000	162,500	50,000	698,150	7,154,200	372,987	1,071,137
2029	171,650	79,000	115,000	120,000	162,500	50,000	698,150	6,456,050	339,825	1,037,975
2030	171,650	79,000	115,000	120,000	162,500	50,000	698,150	5,757,900	306,663	1,004,813
2031	171,650	79,000	115,000	120,000	162,500	50,000	698,150	5,059,750	273,501	971,651
2032	171,650	79,000	115,000	120,000	162,500	50,000	698,150	4,361,600	240,339	938,489
2033	171,650	79,000	115,000	120,000	162,500	50,000	698,150	3,663,450	207,177	905,327
2034	171,650	79,000	115,000	120,000	162,500	50,000	698,150	2,965,300	174,014	872,164
2035	171,650	79,000	115,000	120,000	162,500	50,000	698,150	2,267,150	140,853	839,003
2036	171,650	79,000	115,000	120,000	162,500	50,000	698,150	1,569,000	107,690	805,840
2037		79,000	115,000	120,000	162,500	50,000	526,500	1,042,500	74,528	601,028
2038			115,000	120,000	162,500	50,000	447,500	595,000	49,519	497,019
2039				120,000	162,500	50,000	332,500	262,500	28,263	360,763
2040					162,500	50,000	212,500	50,000	12,469	224,969
2041						50,000	50,000	0	2,375	52,375
Totals	3,433,000	1,580,000	2,300,000	2,400,000	3,250,000	1,000,000	13,963,000		7,283,807	21,246,807
Var	0	0	0	0	0	0				

School										
	3,300,000	3,600,000	520,500	0	0	500,000	Total Princ	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School	Interest	School
2016							0	3,300,000	78,375	78,375
2017	165,000						165,000	6,735,000	242,250	407,250
2018	165,000	180,000					345,000	6,910,500	332,275	677,275
2019	165,000	180,000	26,025				371,025	6,539,475	328,249	699,274
2020	165,000	180,000	26,025	0			371,025	6,168,450	310,626	681,651
2021	165,000	180,000	26,025	0	0		371,025	6,297,425	304,876	675,901
2022	165,000	180,000	26,025	0	0	25,000	396,025	5,901,400	299,128	695,153
2023	165,000	180,000	26,025	0	0	25,000	396,025	5,505,375	280,317	676,342
2024	165,000	180,000	26,025	0	0	25,000	396,025	5,109,350	261,506	657,531
2025	165,000	180,000	26,025	0	0	25,000	396,025	4,713,325	242,695	638,720
2026	165,000	180,000	26,025	0	0	25,000	396,025	4,317,300	223,883	619,908
2027	165,000	180,000	26,025	0	0	25,000	396,025	3,921,275	205,072	601,097
2028	165,000	180,000	26,025	0	0	25,000	396,025	3,525,250	186,261	582,286
2029	165,000	180,000	26,025	0	0	25,000	396,025	3,129,225	167,450	563,475
2030	165,000	180,000	26,025	0	0	25,000	396,025	2,733,200	148,639	544,664
2031	165,000	180,000	26,025	0	0	25,000	396,025	2,337,175	129,828	525,853
2032	165,000	180,000	26,025	0	0	25,000	396,025	1,941,150	111,016	507,041
2033	165,000	180,000	26,025	0	0	25,000	396,025	1,545,125	92,205	488,230
2034	165,000	180,000	26,025	0	0	25,000	396,025	1,149,100	73,394	469,419
2035	165,000	180,000	26,025	0	0	25,000	396,025	753,075	54,583	450,608
2036	165,000	180,000	26,025	0	0	25,000	396,025	357,050	35,772	431,797
2037		180,000	26,025	0	0	25,000	231,025	126,025	16,960	247,985
2038			26,025	0	0	25,000	51,025	75,000	5,986	57,011
2039				0	0	25,000	25,000	50,000	3,563	28,563
2040					0	25,000	25,000	25,000	2,375	27,375
2041						25,000	25,000	0	1,188	26,188
Totals	3,300,000	3,600,000	520,500	0	0	500,000	7,920,500		4,138,472	12,058,972
Var	0	0	0	0	0	0	21,883,500	Tot GF		

Capital Improvements Program - FY2017-2022
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Water

Fiscal Yr	800,000 Yr 1	8,300,000 Yr 2	0 Yr 3	5,400,000 Yr 4	0 Yr 5	0 Yr 6	Total Water	Princ Bal Water	Interest	Total DS Water
2016							0	800,000	19,000	19,000
2017	40,000						40,000	9,060,000	235,125	275,125
2018	40,000	415,000					455,000	8,605,000	430,350	885,350
2019	40,000	415,000	0				455,000	13,550,000	536,988	991,988
2020	40,000	415,000	0	270,000			725,000	12,825,000	643,625	1,368,625
2021	40,000	415,000	0	270,000	0		725,000	12,100,000	609,188	1,334,188
2022	40,000	415,000	0	270,000	0	0	725,000	11,375,000	574,750	1,299,750
2023	40,000	415,000	0	270,000	0	0	725,000	10,650,000	540,313	1,265,313
2024	40,000	415,000	0	270,000	0	0	725,000	9,925,000	505,875	1,230,875
2025	40,000	415,000	0	270,000	0	0	725,000	9,200,000	471,438	1,196,438
2026	40,000	415,000	0	270,000	0	0	725,000	8,475,000	437,000	1,162,000
2027	40,000	415,000	0	270,000	0	0	725,000	7,750,000	402,563	1,127,563
2028	40,000	415,000	0	270,000	0	0	725,000	7,025,000	368,125	1,093,125
2029	40,000	415,000	0	270,000	0	0	725,000	6,300,000	333,688	1,058,688
2030	40,000	415,000	0	270,000	0	0	725,000	5,575,000	299,250	1,024,250
2031	40,000	415,000	0	270,000	0	0	725,000	4,850,000	264,813	989,813
2032	40,000	415,000	0	270,000	0	0	725,000	4,125,000	230,375	955,375
2033	40,000	415,000	0	270,000	0	0	725,000	3,400,000	195,938	920,938
2034	40,000	415,000	0	270,000	0	0	725,000	2,675,000	161,500	886,500
2035	40,000	415,000	0	270,000	0	0	725,000	1,950,000	127,063	852,063
2036	40,000	415,000	0	270,000	0	0	725,000	1,225,000	92,625	817,625
2037		415,000	0	270,000	0	0	685,000	540,000	58,188	743,188
2038			0	270,000	0	0	270,000	270,000	25,650	295,650
2039				270,000	0	0	270,000	0	12,825	282,825
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	800,000	8,300,000	0	5,400,000	0	0	14,500,000		7,576,255	22,076,255
Var	0	0	0	0	0	0				

Sewer

Fiscal Yr	300,000 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
2016							0	300,000	7,125	7,125
2017	15,000						15,000	285,000	14,250	29,250
2018	15,000	0					15,000	270,000	13,538	28,538
2019	15,000	0	0				15,000	255,000	12,825	27,825
2020	15,000	0	0	0			15,000	240,000	12,113	27,113
2021	15,000	0	0	0	0		15,000	225,000	11,400	26,400
2022	15,000	0	0	0	0	0	15,000	210,000	10,688	25,688
2023	15,000	0	0	0	0	0	15,000	195,000	9,975	24,975
2024	15,000	0	0	0	0	0	15,000	180,000	9,263	24,263
2025	15,000	0	0	0	0	0	15,000	165,000	8,550	23,550
2026	15,000	0	0	0	0	0	15,000	150,000	7,838	22,838
2027	15,000	0	0	0	0	0	15,000	135,000	7,125	22,125
2028	15,000	0	0	0	0	0	15,000	120,000	6,413	21,413
2029	15,000	0	0	0	0	0	15,000	105,000	5,700	20,700
2030	15,000	0	0	0	0	0	15,000	90,000	4,988	19,988
2031	15,000	0	0	0	0	0	15,000	75,000	4,275	19,275
2032	15,000	0	0	0	0	0	15,000	60,000	3,563	18,563
2033	15,000	0	0	0	0	0	15,000	45,000	2,850	17,850
2034	15,000	0	0	0	0	0	15,000	30,000	2,138	17,138
2035	15,000	0	0	0	0	0	15,000	15,000	1,425	16,425
2036	15,000	0	0	0	0	0	15,000	0	713	15,713
2037		0	0	0	0	0	0	0	0	0
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	300,000	0	0	0	0	0	300,000		156,755	456,755
Var	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - 20 Year

Other

Fiscal Yr	2,050,000 Yr 1	800,000 Yr 2	3,300,000 Yr 3	Yr 4	0 Yr 5	3,000,000 Yr 6	3,400,000 Total Other	Princ Bal Other	Interest	Total DS Other
2016							0	2,050,000	48,688	48,688
2017	102,500						102,500	2,747,500	116,375	218,875
2018	102,500	40,000					142,500	5,905,000	208,881	351,381
2019	102,500	40,000	165,000				307,500	5,597,500	280,488	587,988
2020	102,500	40,000	165,000	0			307,500	8,290,000	337,132	644,632
2021	102,500	40,000	165,000	0	150,000		457,500	11,232,500	474,525	932,025
2022	102,500	40,000	165,000	0	150,000	170,000	627,500	10,605,000	533,544	1,161,044
2023	102,500	40,000	165,000	0	150,000	170,000	627,500	9,977,500	503,738	1,131,238
2024	102,500	40,000	165,000	0	150,000	170,000	627,500	9,350,000	473,932	1,101,432
2025	102,500	40,000	165,000	0	150,000	170,000	627,500	8,722,500	444,125	1,071,625
2026	102,500	40,000	165,000	0	150,000	170,000	627,500	8,095,000	414,319	1,041,819
2027	102,500	40,000	165,000	0	150,000	170,000	627,500	7,467,500	384,513	1,012,013
2028	102,500	40,000	165,000	0	150,000	170,000	627,500	6,840,000	354,707	982,207
2029	102,500	40,000	165,000	0	150,000	170,000	627,500	6,212,500	324,900	952,400
2030	102,500	40,000	165,000	0	150,000	170,000	627,500	5,585,000	295,094	922,594
2031	102,500	40,000	165,000	0	150,000	170,000	627,500	4,957,500	265,288	892,788
2032	102,500	40,000	165,000	0	150,000	170,000	627,500	4,330,000	235,482	862,982
2033	102,500	40,000	165,000	0	150,000	170,000	627,500	3,702,500	205,675	833,175
2034	102,500	40,000	165,000	0	150,000	170,000	627,500	3,075,000	175,869	803,369
2035	102,500	40,000	165,000	0	150,000	170,000	627,500	2,447,500	146,063	773,563
2036	102,500	40,000	165,000	0	150,000	170,000	627,500	1,820,000	116,257	743,757
2037		40,000	165,000	0	150,000	170,000	525,000	1,295,000	86,450	611,450
2038			165,000	0	150,000	170,000	485,000	810,000	61,513	546,513
2039				0	150,000	170,000	320,000	490,000	38,475	358,475
2040					150,000	170,000	320,000	170,000	23,275	343,275
2041						170,000	170,000	0	8,075	178,075
Totals	2,050,000	800,000	3,300,000	0	3,000,000	3,400,000	12,550,000		6,557,383	19,107,383
	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - All

City Departments								End of FY		Rate
	3,433,000	1,580,000	2,300,000	2,400,000	3,325,000	1,000,000	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
2016							0	3,433,000	81,534	81,534
2017	171,650						171,650	4,841,350	200,593	372,243
2018	171,650	79,000					250,650	6,890,700	284,589	535,239
2019	171,650	79,000	115,000				365,650	8,925,050	384,309	749,959
2020	171,650	79,000	115,000	120,000			485,650	11,764,400	502,815	988,465
2021	171,650	79,000	115,000	120,000	167,500		653,150	12,111,250	570,497	1,223,647
2022	171,650	79,000	115,000	120,000	167,500	50,000	703,150	11,408,100	575,110	1,278,260
2023	171,650	79,000	115,000	120,000	167,500	50,000	703,150	10,704,950	541,723	1,244,873
2024	171,650	79,000	115,000	120,000	167,500	50,000	703,150	10,001,800	508,336	1,211,486
2025	171,650	79,000	115,000	120,000	167,500	50,000	703,150	9,298,650	474,949	1,178,099
2026	171,650	79,000	115,000	120,000	167,500	50,000	703,150	8,595,500	441,561	1,144,711
2027	171,650	79,000	115,000	120,000	167,500	50,000	703,150	7,892,350	408,175	1,111,325
2028	171,650	79,000	115,000	120,000	167,500	50,000	703,150	7,189,200	374,787	1,077,937
2029	171,650	79,000	115,000	120,000	167,500	50,000	703,150	6,486,050	341,400	1,044,550
2030	171,650	79,000	115,000	120,000	167,500	50,000	703,150	5,782,900	308,013	1,011,163
2031	171,650	79,000	115,000	120,000	167,500	50,000	703,150	5,079,750	274,626	977,776
2032	171,650	79,000	115,000	120,000	167,500	50,000	703,150	4,376,600	241,239	944,389
2033	171,650	79,000	115,000	120,000	167,500	50,000	703,150	3,673,450	207,852	911,002
2034	171,650	79,000	115,000	120,000	167,500	50,000	703,150	2,970,300	174,464	877,614
2035	171,650	79,000	115,000	120,000	167,500	50,000	703,150	2,267,150	141,078	844,228
2036	171,650	79,000	115,000	120,000	162,500	50,000	698,150	1,569,000	107,690	805,840
2037		79,000	115,000	120,000	162,500	50,000	526,500	1,042,500	74,528	601,028
2038			115,000	120,000	162,500	50,000	447,500	595,000	49,519	497,019
2039				120,000	162,500	50,000	332,500	262,500	28,263	360,763
2040					162,500	50,000	212,500	50,000	12,469	224,969
2041						50,000	50,000	0	2,375	52,375
Totals	3,433,000	1,580,000	2,300,000	2,400,000	3,325,000	1,000,000	14,038,000		7,312,494	21,350,494
Var	0	0	0	0	0	0				

School										
	3,300,000	3,600,000	520,500	0	0	500,000	Total Princ	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	School	School	Interest	School
2016							0	3,300,000	78,375	78,375
2017	165,000						165,000	6,735,000	242,250	407,250
2018	165,000	180,000					345,000	6,910,500	332,275	677,275
2019	165,000	180,000	26,025				371,025	6,539,475	328,249	699,274
2020	165,000	180,000	26,025	0			371,025	6,168,450	310,626	681,651
2021	165,000	180,000	26,025	0	0		371,025	6,297,425	304,876	675,901
2022	165,000	180,000	26,025	0	0	25,000	396,025	5,901,400	299,128	695,153
2023	165,000	180,000	26,025	0	0	25,000	396,025	5,505,375	280,317	676,342
2024	165,000	180,000	26,025	0	0	25,000	396,025	5,109,350	261,506	657,531
2025	165,000	180,000	26,025	0	0	25,000	396,025	4,713,325	242,695	638,720
2026	165,000	180,000	26,025	0	0	25,000	396,025	4,317,300	223,883	619,908
2027	165,000	180,000	26,025	0	0	25,000	396,025	3,921,275	205,072	601,097
2028	165,000	180,000	26,025	0	0	25,000	396,025	3,525,250	186,261	582,286
2029	165,000	180,000	26,025	0	0	25,000	396,025	3,129,225	167,450	563,475
2030	165,000	180,000	26,025	0	0	25,000	396,025	2,733,200	148,639	544,664
2031	165,000	180,000	26,025	0	0	25,000	396,025	2,337,175	129,828	525,853
2032	165,000	180,000	26,025	0	0	25,000	396,025	1,941,150	111,016	507,041
2033	165,000	180,000	26,025	0	0	25,000	396,025	1,545,125	92,205	488,230
2034	165,000	180,000	26,025	0	0	25,000	396,025	1,149,100	73,394	469,419
2035	165,000	180,000	26,025	0	0	25,000	396,025	753,075	54,583	450,608
2036	165,000	180,000	26,025	0	0	25,000	396,025	357,050	35,772	431,797
2037		180,000	26,025	0	0	25,000	231,025	126,025	16,960	247,985
2038			26,025	0	0	25,000	51,025	75,000	5,986	57,011
2039				0	0	25,000	25,000	50,000	3,563	28,563
2040					0	25,000	25,000	25,000	2,375	27,375
2041						25,000	25,000	0	1,188	26,188
Totals	3,300,000	3,600,000	520,500	0	0	500,000	7,920,500		4,138,472	12,058,972
Var	0	0	0	0	0	0	21,958,500	Tot GF		

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Water

Fiscal Yr	1,200,000 Yr 1	10,550,000 Yr 2	1,000,000 Yr 3	6,400,000 Yr 4	1,000,000 Yr 5	0 Yr 6	Total Water	Princ Bal Water	Interest	Total DS Water
2016							0	1,200,000	28,000	28,000
2017	66,667						66,667	11,683,333	303,750	370,417
2018	66,667	565,000					631,667	12,051,666	570,900	1,202,567
2019	66,667	565,000	66,667				698,334	17,753,332	714,588	1,412,922
2020	66,667	565,000	66,667	336,667			1,035,001	17,718,331	877,775	1,912,776
2021	66,667	565,000	66,667	336,667	66,667		1,101,668	16,616,663	829,388	1,931,056
2022	66,667	565,000	66,667	336,667	66,667	0	1,101,668	15,514,995	778,000	1,879,668
2023	66,667	565,000	66,667	336,667	66,667	0	1,101,668	14,413,327	726,613	1,828,281
2024	66,667	565,000	66,667	336,667	66,667	0	1,101,668	13,311,659	675,225	1,776,893
2025	66,667	565,000	66,667	336,667	66,667	0	1,101,668	12,209,991	623,838	1,725,506
2026	66,667	565,000	66,667	336,667	66,667	0	1,101,668	11,108,323	572,450	1,674,118
2027	66,667	565,000	66,667	336,667	66,667	0	1,101,668	10,006,655	521,063	1,622,731
2028	66,667	565,000	66,667	336,667	66,667	0	1,101,668	8,904,987	469,675	1,571,343
2029	66,667	565,000	66,667	336,667	66,667	0	1,101,668	7,803,319	418,288	1,519,956
2030	66,667	565,000	66,667	336,667	66,667	0	1,101,668	6,701,651	366,900	1,468,568
2031	66,662	565,000	66,667	336,667	66,667	0	1,101,663	5,599,988	315,513	1,417,176
2032	40,000	565,000	66,667	336,667	66,667	0	1,075,001	4,524,987	264,125	1,339,126
2033	40,000	415,000	66,662	336,667	66,667	0	924,996	3,599,991	213,938	1,138,934
2034	40,000	415,000	0	336,662	66,667	0	858,329	2,741,662	170,500	1,028,829
2035	40,000	415,000	0	270,000	66,662	0	791,662	1,950,000	130,063	921,725
2036	40,000	415,000	0	270,000	0	0	725,000	1,225,000	92,625	817,625
2037		415,000	0	270,000	0	0	685,000	540,000	58,188	743,188
2038			0	270,000	0	0	270,000	270,000	25,650	295,650
2039				270,000	0	0	270,000	0	12,825	282,825
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	1,200,000	10,550,000	1,000,000	6,400,000	1,000,000	0	20,150,000		9,759,880	29,909,880
Var	0	0	0	0	0	0				

Sewer

Fiscal Yr	1,100,000 Yr 1	1,500,000 Yr 2	0 Yr 3	0 Yr 4	0 Yr 5	0 Yr 6	Total Sewer	Princ Bal Sewer	Interest	Total DS Sewer
2016							0	1,100,000	25,125	25,125
2017	68,333						68,333	2,531,667	84,000	152,333
2018	68,333	100,000					168,333	2,363,334	114,638	282,971
2019	68,333	100,000	0				168,333	2,195,001	107,025	275,358
2020	68,333	100,000	0	0			168,333	2,026,668	99,413	267,746
2021	68,333	100,000	0	0	0		168,333	1,858,335	91,800	260,133
2022	68,333	100,000	0	0	0	0	168,333	1,690,002	84,188	252,521
2023	68,333	100,000	0	0	0	0	168,333	1,521,669	76,575	244,908
2024	68,333	100,000	0	0	0	0	168,333	1,353,336	68,963	237,296
2025	68,333	100,000	0	0	0	0	168,333	1,185,003	61,350	229,683
2026	68,333	100,000	0	0	0	0	168,333	1,016,670	53,738	222,071
2027	68,333	100,000	0	0	0	0	168,333	848,337	46,125	214,458
2028	68,333	100,000	0	0	0	0	168,333	680,004	38,513	206,846
2029	68,333	100,000	0	0	0	0	168,333	511,671	30,900	199,233
2030	68,333	100,000	0	0	0	0	168,333	343,338	23,288	191,621
2031	68,338	100,000	0	0	0	0	168,338	175,000	15,675	184,013
2032	15,000	100,000	0	0	0	0	115,000	60,000	8,063	123,063
2033	15,000	0	0	0	0	0	15,000	45,000	2,850	17,850
2034	15,000	0	0	0	0	0	15,000	30,000	2,138	17,138
2035	15,000	0	0	0	0	0	15,000	15,000	1,425	16,425
2036	15,000	0	0	0	0	0	15,000	0	713	15,713
2037		0	0	0	0	0	0	0	0	0
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	1,100,000	1,500,000	0	0	0	0	2,600,000		1,036,505	3,636,505
Var	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - All

Other

Fiscal Yr	2,050,000 Yr 1	800,000 Yr 2	3,300,000 Yr 3	0 Yr 4	3,000,000 Yr 5	3,400,000 Yr 6	Total Other	Princ Bal Other	Interest	Total DS Other
2016							0	2,050,000	48,688	48,688
2017	102,500						102,500	2,747,500	116,375	218,875
2018	102,500	40,000					142,500	5,905,000	208,881	351,381
2019	102,500	40,000	165,000				307,500	5,597,500	280,488	587,988
2020	102,500	40,000	165,000	0			307,500	8,290,000	337,132	644,632
2021	102,500	40,000	165,000	0	150,000		457,500	11,232,500	474,525	932,025
2022	102,500	40,000	165,000	0	150,000	170,000	627,500	10,605,000	533,544	1,161,044
2023	102,500	40,000	165,000	0	150,000	170,000	627,500	9,977,500	503,738	1,131,238
2024	102,500	40,000	165,000	0	150,000	170,000	627,500	9,350,000	473,932	1,101,432
2025	102,500	40,000	165,000	0	150,000	170,000	627,500	8,722,500	444,125	1,071,625
2026	102,500	40,000	165,000	0	150,000	170,000	627,500	8,095,000	414,319	1,041,819
2027	102,500	40,000	165,000	0	150,000	170,000	627,500	7,467,500	384,513	1,012,013
2028	102,500	40,000	165,000	0	150,000	170,000	627,500	6,840,000	354,707	982,207
2029	102,500	40,000	165,000	0	150,000	170,000	627,500	6,212,500	324,900	952,400
2030	102,500	40,000	165,000	0	150,000	170,000	627,500	5,585,000	295,094	922,594
2031	102,500	40,000	165,000	0	150,000	170,000	627,500	4,957,500	265,288	892,788
2032	102,500	40,000	165,000	0	150,000	170,000	627,500	4,330,000	235,482	862,982
2033	102,500	40,000	165,000	0	150,000	170,000	627,500	3,702,500	205,675	833,175
2034	102,500	40,000	165,000	0	150,000	170,000	627,500	3,075,000	175,869	803,369
2035	102,500	40,000	165,000	0	150,000	170,000	627,500	2,447,500	146,063	773,563
2036	102,500	40,000	165,000	0	150,000	170,000	627,500	1,820,000	116,257	743,757
2037		40,000	165,000	0	150,000	170,000	525,000	1,295,000	86,450	611,450
2038			165,000	0	150,000	170,000	485,000	810,000	61,513	546,513
2039				0	150,000	170,000	320,000	490,000	38,475	358,475
2040					150,000	170,000	320,000	170,000	23,275	343,275
2041						170,000	170,000	0	8,075	178,075
Totals	2,050,000	800,000	3,300,000	0	3,000,000	3,400,000	12,550,000		6,557,383	19,107,383
	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - Authorized Projects 15 Year

Water

	0	0	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Water	Water	Interest	Water
2016							0	0	0	0
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
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
2033			0	0	0	0	0	0	0	0
2034				0	0	0	0	0	0	0
2035					0	0	0	0	0	0
2036						0	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
Totals	0	0	0	0	0	0	0		0	0
Var	0	0	0	0	0	0				

Sewer

	0	1,600,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Sewer	Sewer	Interest	Sewer
2016							0	0	0	0
2017	0						0	1,600,000	36,000	36,000
2018	0	106,667					106,667	1,493,333	72,000	178,667
2019	0	106,667	0				106,667	1,386,666	67,200	173,867
2020	0	106,667	0	0			106,667	1,279,999	62,400	169,067
2021	0	106,667	0	0	0		106,667	1,173,332	57,600	164,267
2022	0	106,667	0	0	0	0	106,667	1,066,665	52,800	159,467
2023	0	106,667	0	0	0	0	106,667	959,998	48,000	154,667
2024	0	106,667	0	0	0	0	106,667	853,331	43,200	149,867
2025	0	106,667	0	0	0	0	106,667	746,664	38,400	145,067
2026	0	106,667	0	0	0	0	106,667	639,997	33,600	140,267
2027	0	106,667	0	0	0	0	106,667	533,330	28,800	135,467
2028	0	106,667	0	0	0	0	106,667	426,663	24,000	130,667
2029	0	106,667	0	0	0	0	106,667	319,996	19,200	125,867
2030	0	106,667	0	0	0	0	106,667	213,329	14,400	121,067
2031	0	106,667	0	0	0	0	106,667	106,662	9,600	116,267
2032		106,662	0	0	0	0	106,662	0	4,800	111,462
2033			0	0	0	0	0	0	0	0
2034				0	0	0	0	0	0	0
2035					0	0	0	0	0	0
2036						0	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
Totals	0	1,600,000	0	0	0	0	1,600,000		612,000	2,212,000
Var	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - Authorized Projects 20 Year

City Departments								End of FY		Rate
	1,200,000	6,484,525	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
2016							0	1,200,000	28,500	28,500
2017	60,000	0					60,000	7,624,525	211,008	271,008
2018	60,000	324,226	0	0			384,226	7,240,299	362,165	746,391
2019	60,000	324,226	0	0			384,226	6,856,073	343,914	728,140
2020	60,000	324,226	0	0	0		384,226	6,471,847	325,663	709,889
2021	60,000	324,226	0	0	0	0	384,226	6,087,621	307,413	691,639
2022	60,000	324,226	0	0	0	0	384,226	5,703,395	289,162	673,388
2023	60,000	324,226	0	0	0	0	384,226	5,319,169	270,911	655,137
2024	60,000	324,226	0	0	0	0	384,226	4,934,943	252,661	636,887
2025	60,000	324,226	0	0	0	0	384,226	4,550,717	234,410	618,636
2026	60,000	324,226	0	0	0	0	384,226	4,166,491	216,159	600,385
2027	60,000	324,226	0	0	0	0	384,226	3,782,265	197,908	582,134
2028	60,000	324,226	0	0	0	0	384,226	3,398,039	179,658	563,884
2029	60,000	324,226	0	0	0	0	384,226	3,013,813	161,407	545,633
2030	60,000	324,226	0	0	0	0	384,226	2,629,587	143,156	527,382
2031	60,000	324,226	0	0	0	0	384,226	2,245,361	124,905	509,131
2032	60,000	324,226	0	0	0	0	384,226	1,861,135	106,655	490,881
2033	60,000	324,226	0	0	0	0	384,226	1,476,909	88,404	472,630
2034	60,000	324,226	0	0	0	0	384,226	1,092,683	70,153	454,379
2035	60,000	324,226	0	0	0	0	384,226	708,457	51,902	436,128
2036	60,000	324,226	0	0	0	0	384,226	324,231	33,652	417,878
2037		324,231	0	0	0	0	324,231	0	15,401	339,632
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	1,200,000	6,484,525	0	0	0	0	7,684,525		4,015,167	11,699,692
Var	0	0	0	0	0	0				

School (Dover High School Project Debt Amortized 25 Years)

	73,900,000	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
2016							0	73,900,000	739,000	739,000
2017	0						0	73,900,000	2,956,000	2,956,000
2018	0	0					0	73,900,000	2,956,000	2,956,000
2019	60,000	0	0				60,000	73,840,000	2,956,000	3,016,000
2020	155,000	0	0	0			155,000	73,685,000	2,953,600	3,108,600
2021	1,545,000	0	0	0	0		1,545,000	72,140,000	2,947,400	4,492,400
2022	1,660,000	0	0	0	0	0	1,660,000	70,480,000	2,885,600	4,545,600
2023	1,825,000	0	0	0	0	0	1,825,000	68,655,000	2,819,200	4,644,200
2024	1,940,000	0	0	0	0	0	1,940,000	66,715,000	2,746,200	4,686,200
2025	2,105,000	0	0	0	0	0	2,105,000	64,610,000	2,668,600	4,773,600
2026	2,265,000	0	0	0	0	0	2,265,000	62,345,000	2,584,400	4,849,400
2027	2,500,000	0	0	0	0	0	2,500,000	59,845,000	2,493,800	4,993,800
2028	3,190,000	0	0	0	0	0	3,190,000	56,655,000	2,393,800	5,583,800
2029	3,300,000	0	0	0	0	0	3,300,000	53,355,000	2,266,200	5,566,200
2030	3,435,000	0	0	0	0	0	3,435,000	49,920,000	2,134,200	5,569,200
2031	3,860,000	0	0	0	0	0	3,860,000	46,060,000	1,996,800	5,856,800
2032	3,990,000	0	0	0	0	0	3,990,000	42,070,000	1,842,400	5,832,400
2033	4,125,000	0	0	0	0	0	4,125,000	37,945,000	1,682,800	5,807,800
2034	4,255,000	0	0	0	0	0	4,255,000	33,690,000	1,517,800	5,772,800
2035	4,410,000	0	0	0	0	0	4,410,000	29,280,000	1,347,600	5,757,600
2036	4,565,000	0	0	0	0	0	4,565,000	24,715,000	1,171,200	5,736,200
2037	4,740,000	0	0	0	0	0	4,740,000	19,975,000	988,600	5,728,600
2038	4,895,000		0	0	0	0	4,895,000	15,080,000	799,000	5,694,000
2039	5,020,000			0	0	0	5,020,000	10,060,000	603,200	5,623,200
2040	5,220,000				0	0	5,220,000	4,840,000	402,400	5,622,400
2041	4,840,000					0	4,840,000	0	193,600	5,033,600
Totals	73,900,000	0	0	0	0	0	73,900,000		51,045,400	124,945,400
Var	0	0	0	0	0	0	81,584,525	Tot GF		

Capital Improvements Program - FY2017-2022
Amortization Schedules - Authorized Projects 20 Year

Water

	0	7,050,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Water	Water	Interest	Water
2016							0	0	0	0
2017	0						0	7,050,000	167,438	167,438
2018	0	352,500					352,500	6,697,500	334,875	687,375
2019	0	352,500	0				352,500	6,345,000	318,131	670,631
2020	0	352,500	0	0			352,500	5,992,500	301,388	653,888
2021	0	352,500	0	0	0		352,500	5,640,000	284,644	637,144
2022	0	352,500	0	0	0	0	352,500	5,287,500	267,900	620,400
2023	0	352,500	0	0	0	0	352,500	4,935,000	251,156	603,656
2024	0	352,500	0	0	0	0	352,500	4,582,500	234,413	586,913
2025	0	352,500	0	0	0	0	352,500	4,230,000	217,669	570,169
2026	0	352,500	0	0	0	0	352,500	3,877,500	200,925	553,425
2027	0	352,500	0	0	0	0	352,500	3,525,000	184,181	536,681
2028	0	352,500	0	0	0	0	352,500	3,172,500	167,438	519,938
2029	0	352,500	0	0	0	0	352,500	2,820,000	150,694	503,194
2030	0	352,500	0	0	0	0	352,500	2,467,500	133,950	486,450
2031	0	352,500	0	0	0	0	352,500	2,115,000	117,206	469,706
2032	0	352,500	0	0	0	0	352,500	1,762,500	100,463	452,963
2033	0	352,500	0	0	0	0	352,500	1,410,000	83,719	436,219
2034	0	352,500	0	0	0	0	352,500	1,057,500	66,975	419,475
2035	0	352,500	0	0	0	0	352,500	705,000	50,231	402,731
2036	0	352,500	0	0	0	0	352,500	352,500	33,488	385,988
2037		352,500	0	0	0	0	352,500	0	16,744	369,244
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	0	7,050,000	0	0	0	0	7,050,000		3,683,628	10,733,628
Var	0	0	0	0	0	0				

Sewer

	2,135,000	9,950,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Sewer	Sewer	Interest	Sewer
2016							0	2,135,000	50,707	50,707
2017	106,750						106,750	11,978,250	337,726	444,476
2018	106,750	497,500					604,250	11,374,000	568,967	1,173,217
2019	106,750	497,500	0				604,250	10,769,750	540,265	1,144,515
2020	106,750	497,500	0	0			604,250	10,165,500	511,564	1,115,814
2021	106,750	497,500	0	0	0		604,250	9,561,250	482,861	1,087,111
2022	106,750	497,500	0	0	0	0	604,250	8,957,000	454,159	1,058,409
2023	106,750	497,500	0	0	0	0	604,250	8,352,750	425,458	1,029,708
2024	106,750	497,500	0	0	0	0	604,250	7,748,500	396,756	1,001,006
2025	106,750	497,500	0	0	0	0	604,250	7,144,250	368,054	972,304
2026	106,750	497,500	0	0	0	0	604,250	6,540,000	339,352	943,602
2027	106,750	497,500	0	0	0	0	604,250	5,935,750	310,650	914,900
2028	106,750	497,500	0	0	0	0	604,250	5,331,500	281,949	886,199
2029	106,750	497,500	0	0	0	0	604,250	4,727,250	253,246	857,496
2030	106,750	497,500	0	0	0	0	604,250	4,123,000	224,544	828,794
2031	106,750	497,500	0	0	0	0	604,250	3,518,750	195,843	800,093
2032	106,750	497,500	0	0	0	0	604,250	2,914,500	167,141	771,391
2033	106,750	497,500	0	0	0	0	604,250	2,310,250	138,439	742,689
2034	106,750	497,500	0	0	0	0	604,250	1,706,000	109,737	713,987
2035	106,750	497,500	0	0	0	0	604,250	1,101,750	81,035	685,285
2036	106,750	497,500	0	0	0	0	604,250	497,500	52,334	656,584
2037		497,500	0	0	0	0	497,500	0	23,631	521,131
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	2,135,000	9,950,000	0	0	0	0	12,085,000		6,314,417	18,399,417
Var	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - Authorized Projects 20 Year

Arena

	0	0	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Arena	Arena	Interest	Arena
2016							0	0	0	0
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
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
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	0	0	0	0	0	0	0		0	0
	0	0	0	0	0	0				

DIDA

	0	2,450,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	DIDA	DIDA	Interest	DIDA
2016							0	0	0	0
2017	0						0	2,450,000	58,188	58,188
2018	0	122,500					122,500	2,327,500	116,375	238,875
2019	0	122,500	0				122,500	2,205,000	110,556	233,056
2020	0	122,500	0	0			122,500	2,082,500	104,738	227,238
2021	0	122,500	0	0	0		122,500	1,960,000	98,919	221,419
2022	0	122,500	0	0	0	0	122,500	1,837,500	93,100	215,600
2023	0	122,500	0	0	0	0	122,500	1,715,000	87,281	209,781
2024	0	122,500	0	0	0	0	122,500	1,592,500	81,463	203,963
2025	0	122,500	0	0	0	0	122,500	1,470,000	75,644	198,144
2026	0	122,500	0	0	0	0	122,500	1,347,500	69,825	192,325
2027	0	122,500	0	0	0	0	122,500	1,225,000	64,006	186,506
2028	0	122,500	0	0	0	0	122,500	1,102,500	58,188	180,688
2029	0	122,500	0	0	0	0	122,500	980,000	52,369	174,869
2030	0	122,500	0	0	0	0	122,500	857,500	46,550	169,050
2031	0	122,500	0	0	0	0	122,500	735,000	40,731	163,231
2032	0	122,500	0	0	0	0	122,500	612,500	34,913	157,413
2033	0	122,500	0	0	0	0	122,500	490,000	29,094	151,594
2034	0	122,500	0	0	0	0	122,500	367,500	23,275	145,775
2035	0	122,500	0	0	0	0	122,500	245,000	17,456	139,956
2036	0	122,500	0	0	0	0	122,500	122,500	11,638	134,138
2037		122,500	0	0	0	0	122,500	0	5,819	128,319
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	0	2,450,000	0	0	0	0	2,450,000		1,280,128	3,730,128
	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - Authorized Projects 20 Year

Other										
	160,765	0	300,000	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Other	Other	Interest	Other
2016							0	160,765	3,818	3,818
2017	8,038						8,038	152,727	7,636	15,674
2018	8,038	0					8,038	444,689	14,380	22,418
2019	8,038	0	15,000				23,038	421,651	21,123	44,161
2020	8,038	0	15,000	0			23,038	398,613	20,029	43,067
2021	8,038	0	15,000	0	0		23,038	375,575	18,934	41,972
2022	8,038	0	15,000	0	0	0	23,038	352,537	17,840	40,878
2023	8,038	0	15,000	0	0	0	23,038	329,499	16,746	39,784
2024	8,038	0	15,000	0	0	0	23,038	306,461	15,652	38,690
2025	8,038	0	15,000	0	0	0	23,038	283,423	14,557	37,595
2026	8,038	0	15,000	0	0	0	23,038	260,385	13,463	36,501
2027	8,038	0	15,000	0	0	0	23,038	237,347	12,368	35,406
2028	8,038	0	15,000	0	0	0	23,038	214,309	11,274	34,312
2029	8,038	0	15,000	0	0	0	23,038	191,271	10,180	33,218
2030	8,038	0	15,000	0	0	0	23,038	168,233	9,086	32,124
2031	8,038	0	15,000	0	0	0	23,038	145,195	7,991	31,029
2032	8,038	0	15,000	0	0	0	23,038	122,157	6,897	29,935
2033	8,038	0	15,000	0	0	0	23,038	99,119	5,802	28,840
2034	8,038	0	15,000	0	0	0	23,038	76,081	4,709	27,747
2035	8,038	0	15,000	0	0	0	23,038	53,043	3,614	26,652
2036	8,043	0	15,000	0	0	0	23,043	30,000	2,520	25,563
2037		0	15,000	0	0	0	15,000	15,000	1,425	16,425
2038			15,000	0	0	0	15,000	0	713	15,713
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	160,765	0	300,000	0	0	0	460,765		240,757	701,522
	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - All Authorized Projects

City Departments								End of FY		Rate
	1,200,000	6,484,525	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
2016	0						0	1,200,000	28,500	28,500
2017	60,000	0					60,000	7,624,525	211,008	271,008
2018	60,000	324,226	0				384,226	7,240,299	362,165	746,391
2019	60,000	324,226	0	0			384,226	6,856,073	343,914	728,140
2020	60,000	324,226	0	0	0		384,226	6,471,847	325,663	709,889
2021	60,000	324,226	0	0	0	0	384,226	6,087,621	307,413	691,639
2022	60,000	324,226	0	0	0	0	384,226	5,703,395	289,162	673,388
2023	60,000	324,226	0	0	0	0	384,226	5,319,169	270,911	655,137
2024	60,000	324,226	0	0	0	0	384,226	4,934,943	252,661	636,887
2025	60,000	324,226	0	0	0	0	384,226	4,550,717	234,410	618,636
2026	60,000	324,226	0	0	0	0	384,226	4,166,491	216,159	600,385
2027	60,000	324,226	0	0	0	0	384,226	3,782,265	197,908	582,134
2028	60,000	324,226	0	0	0	0	384,226	3,398,039	179,658	563,884
2029	60,000	324,226	0	0	0	0	384,226	3,013,813	161,407	545,633
2030	60,000	324,226	0	0	0	0	384,226	2,629,587	143,156	527,382
2031	60,000	324,226	0	0	0	0	384,226	2,245,361	124,905	509,131
2032	60,000	324,226	0	0	0	0	384,226	1,861,135	106,655	490,881
2033	60,000	324,226	0	0	0	0	384,226	1,476,909	88,404	472,630
2034	60,000	324,226	0	0	0	0	384,226	1,092,683	70,153	454,379
2035	60,000	324,226	0	0	0	0	384,226	708,457	51,902	436,128
2036	60,000	324,226	0	0	0	0	384,226	324,231	33,652	417,878
2037		324,231	0	0	0	0	324,231	0	15,401	339,632
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	1,200,000	6,484,525	0	0	0	0	7,684,525		4,015,167	11,699,692
Var	0	0	0	0	0	0				

School (Dover High School Project Debt Amortized 25 Years)

	73,900,000	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
2016							0	73,900,000	739,000	739,000
2017	0						0	73,900,000	2,956,000	2,956,000
2018	0	0					0	73,900,000	2,956,000	2,956,000
2019	60,000	0	0				60,000	73,840,000	2,956,000	3,016,000
2020	155,000	0	0	0			155,000	73,685,000	2,953,600	3,108,600
2021	1,545,000	0	0	0	0		1,545,000	72,140,000	2,947,400	4,492,400
2022	1,660,000	0	0	0	0	0	1,660,000	70,480,000	2,885,600	4,545,600
2023	1,825,000	0	0	0	0	0	1,825,000	68,655,000	2,819,200	4,644,200
2024	1,940,000	0	0	0	0	0	1,940,000	66,715,000	2,746,200	4,686,200
2025	2,105,000	0	0	0	0	0	2,105,000	64,610,000	2,668,600	4,773,600
2026	2,265,000	0	0	0	0	0	2,265,000	62,345,000	2,584,400	4,849,400
2027	2,500,000	0	0	0	0	0	2,500,000	59,845,000	2,493,800	4,993,800
2028	3,190,000	0	0	0	0	0	3,190,000	56,655,000	2,393,800	5,583,800
2029	3,300,000	0	0	0	0	0	3,300,000	53,355,000	2,266,200	5,566,200
2030	3,435,000	0	0	0	0	0	3,435,000	49,920,000	2,134,200	5,569,200
2031	3,860,000	0	0	0	0	0	3,860,000	46,060,000	1,996,800	5,856,800
2032	3,990,000	0	0	0	0	0	3,990,000	42,070,000	1,842,400	5,832,400
2033	4,125,000	0	0	0	0	0	4,125,000	37,945,000	1,682,800	5,807,800
2034	4,255,000	0	0	0	0	0	4,255,000	33,690,000	1,517,800	5,772,800
2035	4,410,000	0	0	0	0	0	4,410,000	29,280,000	1,347,600	5,757,600
2036	4,565,000	0	0	0	0	0	4,565,000	24,715,000	1,171,200	5,736,200
2037	4,740,000	0	0	0	0	0	4,740,000	19,975,000	988,600	5,728,600
2038	4,895,000		0	0	0	0	4,895,000	15,080,000	799,000	5,694,000
2039	5,020,000			0	0	0	5,020,000	10,060,000	603,200	5,623,200
2040	5,220,000				0	0	5,220,000	4,840,000	402,400	5,622,400
2041	4,840,000					0	4,840,000	0	193,600	5,033,600
Totals	73,900,000	0	0	0	0	0	73,900,000		51,045,400	124,945,400
Var	0	0	0	0	0	0	81,584,525	Tot GF		

Capital Improvements Program - FY2017-2022
Amortization Schedules - All Authorized Projects

Water

	0	7,050,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Water	Water	Interest	Water
2016							0	0	0	0
2017	0						0	7,050,000	167,438	167,438
2018	0	352,500					352,500	6,697,500	334,875	687,375
2019	0	352,500	0				352,500	6,345,000	318,131	670,631
2020	0	352,500	0	0			352,500	5,992,500	301,388	653,888
2021	0	352,500	0	0	0		352,500	5,640,000	284,644	637,144
2022	0	352,500	0	0	0	0	352,500	5,287,500	267,900	620,400
2023	0	352,500	0	0	0	0	352,500	4,935,000	251,156	603,656
2024	0	352,500	0	0	0	0	352,500	4,582,500	234,413	586,913
2025	0	352,500	0	0	0	0	352,500	4,230,000	217,669	570,169
2026	0	352,500	0	0	0	0	352,500	3,877,500	200,925	553,425
2027	0	352,500	0	0	0	0	352,500	3,525,000	184,181	536,681
2028	0	352,500	0	0	0	0	352,500	3,172,500	167,438	519,938
2029	0	352,500	0	0	0	0	352,500	2,820,000	150,694	503,194
2030	0	352,500	0	0	0	0	352,500	2,467,500	133,950	486,450
2031	0	352,500	0	0	0	0	352,500	2,115,000	117,206	469,706
2032	0	352,500	0	0	0	0	352,500	1,762,500	100,463	452,963
2033	0	352,500	0	0	0	0	352,500	1,410,000	83,719	436,219
2034	0	352,500	0	0	0	0	352,500	1,057,500	66,975	419,475
2035	0	352,500	0	0	0	0	352,500	705,000	50,231	402,731
2036	0	352,500	0	0	0	0	352,500	352,500	33,488	385,988
2037		352,500	0	0	0	0	352,500	0	16,744	369,244
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	0	7,050,000	0	0	0	0	7,050,000		3,683,628	10,733,628
Var	0	0	0	0	0	0				

Sewer

	2,135,000	11,550,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Sewer	Sewer	Interest	Sewer
2016							0	2,135,000	50,707	50,707
2017	106,750						106,750	13,578,250	373,726	480,476
2018	106,750	604,167					710,917	12,867,333	640,967	1,351,884
2019	106,750	604,167	0				710,917	12,156,416	607,465	1,318,382
2020	106,750	604,167	0	0			710,917	11,445,499	573,964	1,284,881
2021	106,750	604,167	0	0	0		710,917	10,734,582	540,461	1,251,378
2022	106,750	604,167	0	0	0	0	710,917	10,023,665	506,959	1,217,876
2023	106,750	604,167	0	0	0	0	710,917	9,312,748	473,458	1,184,375
2024	106,750	604,167	0	0	0	0	710,917	8,601,831	439,956	1,150,873
2025	106,750	604,167	0	0	0	0	710,917	7,890,914	406,454	1,117,371
2026	106,750	604,167	0	0	0	0	710,917	7,179,997	372,952	1,083,869
2027	106,750	604,167	0	0	0	0	710,917	6,469,080	339,450	1,050,367
2028	106,750	604,167	0	0	0	0	710,917	5,758,163	305,949	1,016,866
2029	106,750	604,167	0	0	0	0	710,917	5,047,246	272,446	983,363
2030	106,750	604,167	0	0	0	0	710,917	4,336,329	238,944	949,861
2031	106,750	604,167	0	0	0	0	710,917	3,625,412	205,443	916,360
2032	106,750	604,162	0	0	0	0	710,912	2,914,500	171,941	882,853
2033	106,750	497,500	0	0	0	0	604,250	2,310,250	138,439	742,689
2034	106,750	497,500	0	0	0	0	604,250	1,706,000	109,737	713,987
2035	106,750	497,500	0	0	0	0	604,250	1,101,750	81,035	685,285
2036	106,750	497,500	0	0	0	0	604,250	497,500	52,334	656,584
2037		497,500	0	0	0	0	497,500	0	23,631	521,131
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	2,135,000	11,550,000	0	0	0	0	13,685,000		6,926,417	20,611,417
Var	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - All Authorized Projects

Arena

	0	0	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Arena	Arena	Interest	Arena
2016							0	0	0	0
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
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
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	0	0	0	0	0	0	0		0	0
	0	0	0	0	0	0				

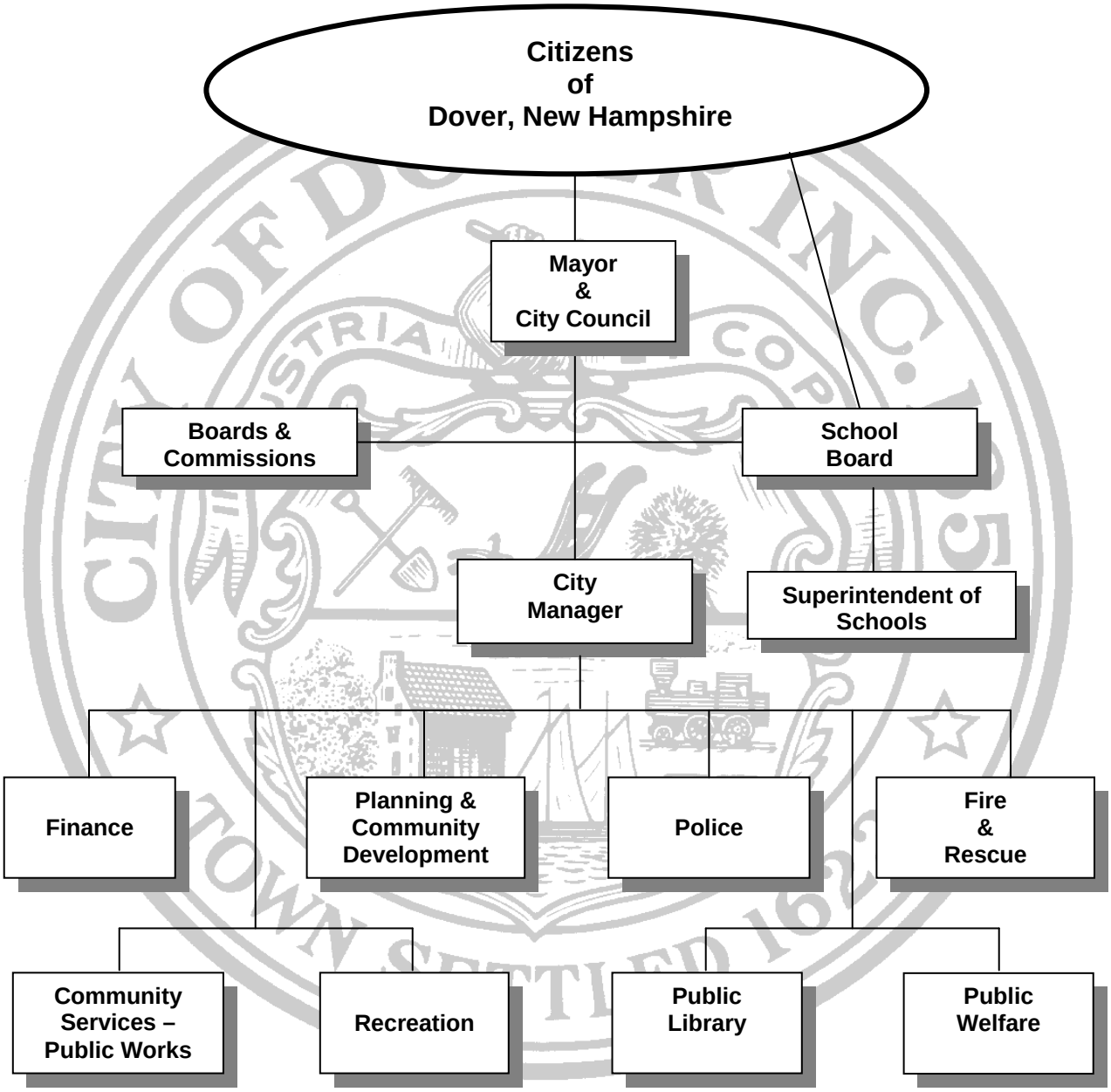
DIDA

	0	2,450,000	0	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	DIDA	DIDA	Interest	DIDA
2016							0	0	0	0
2017	0						0	2,450,000	58,188	58,188
2018	0	122,500					122,500	2,327,500	116,375	238,875
2019	0	122,500	0				122,500	2,205,000	110,556	233,056
2020	0	122,500	0	0			122,500	2,082,500	104,738	227,238
2021	0	122,500	0	0	0		122,500	1,960,000	98,919	221,419
2022	0	122,500	0	0	0	0	122,500	1,837,500	93,100	215,600
2023	0	122,500	0	0	0	0	122,500	1,715,000	87,281	209,781
2024	0	122,500	0	0	0	0	122,500	1,592,500	81,463	203,963
2025	0	122,500	0	0	0	0	122,500	1,470,000	75,644	198,144
2026	0	122,500	0	0	0	0	122,500	1,347,500	69,825	192,325
2027	0	122,500	0	0	0	0	122,500	1,225,000	64,006	186,506
2028	0	122,500	0	0	0	0	122,500	1,102,500	58,188	180,688
2029	0	122,500	0	0	0	0	122,500	980,000	52,369	174,869
2030	0	122,500	0	0	0	0	122,500	857,500	46,550	169,050
2031	0	122,500	0	0	0	0	122,500	735,000	40,731	163,231
2032	0	122,500	0	0	0	0	122,500	612,500	34,913	157,413
2033	0	122,500	0	0	0	0	122,500	490,000	29,094	151,594
2034	0	122,500	0	0	0	0	122,500	367,500	23,275	145,775
2035	0	122,500	0	0	0	0	122,500	245,000	17,456	139,956
2036	0	122,500	0	0	0	0	122,500	122,500	11,638	134,138
2037		122,500	0	0	0	0	122,500	0	5,819	128,319
2038			0	0	0	0	0	0	0	0
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	0	2,450,000	0	0	0	0	2,450,000		1,280,128	3,730,128
	0	0	0	0	0	0				

Capital Improvements Program - FY2017-2022
Amortization Schedules - All Authorized Projects

Other										
	160,765	0	300,000	0	0	0	Total	Princ Bal		Total DS
Fiscal Yr	Yr1	Yr 2	Yr 3	Yr 4	Yr 5	Yr 6	Other	Other	Interest	Other
2016							0	160,765	3,818	3,818
2017	8,038						8,038	152,727	7,636	15,674
2018	8,038	0					8,038	444,689	14,380	22,418
2019	8,038	0	15,000				23,038	421,651	21,123	44,161
2020	8,038	0	15,000	0			23,038	398,613	20,029	43,067
2021	8,038	0	15,000	0	0		23,038	375,575	18,934	41,972
2022	8,038	0	15,000	0	0	0	23,038	352,537	17,840	40,878
2023	8,038	0	15,000	0	0	0	23,038	329,499	16,746	39,784
2024	8,038	0	15,000	0	0	0	23,038	306,461	15,652	38,690
2025	8,038	0	15,000	0	0	0	23,038	283,423	14,557	37,595
2026	8,038	0	15,000	0	0	0	23,038	260,385	13,463	36,501
2027	8,038	0	15,000	0	0	0	23,038	237,347	12,368	35,406
2028	8,038	0	15,000	0	0	0	23,038	214,309	11,274	34,312
2029	8,038	0	15,000	0	0	0	23,038	191,271	10,180	33,218
2030	8,038	0	15,000	0	0	0	23,038	168,233	9,086	32,124
2031	8,038	0	15,000	0	0	0	23,038	145,195	7,991	31,029
2032	8,038	0	15,000	0	0	0	23,038	122,157	6,897	29,935
2033	8,038	0	15,000	0	0	0	23,038	99,119	5,802	28,840
2034	8,038	0	15,000	0	0	0	23,038	76,081	4,709	27,747
2035	8,038	0	15,000	0	0	0	23,038	53,043	3,614	26,652
2036	8,043	0	15,000	0	0	0	23,043	30,000	2,520	25,563
2037		0	15,000	0	0	0	15,000	15,000	1,425	16,425
2038			15,000	0	0	0	15,000	0	713	15,713
2039				0	0	0	0	0	0	0
2040					0	0	0	0	0	0
2041						0	0	0	0	0
Totals	160,765	0	300,000	0	0	0	460,765		240,757	701,522
	0	0	0	0	0	0				

City of Dover
Organizational Chart



City of Dover

New Hampshire

FISCAL YEAR 2016

City Council Members

Mayor: Karen Weston

Ward 1: John O'Connor	Ward 5: Catherine Cheney
Ward 2: William Garrison III	Ward 6: Jason Gagnon
Ward 3: Deborah Thibodeaux	Deputy Mayor: Robert Carrier
Ward 4: Dorothea Hooper	At Large: Anthony McManus

City Manager

J. Michael Joyal, Jr.

Departments

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

School Board

At Large: Doris Grady	At Large: Carole Soule McCammon
At Large: Sarah Greenshields	At Large: Kathleen Morrison
At Large: Amanda Russell	At Large: Michelle Muffett-Lipinski
At Large: Betsey Andrews Parker	Student Rep: Michael Hoeing

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

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

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

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

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

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

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

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

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, Mgnt	1,290
Arts, Entertainment, Recr	1,208
Other	3,507

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 124 units with a replacement value of $7,070,000. 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 $7,070,000. The original cost of the inventory is approximately $4,500,000.

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 $4,000 to $7,000 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 10 years. The fleet consists of two Zambonis and one 2000 Ford F450 dump truck with a plow and sander.

Assessing

Utilizes the city hall pool car for inspections and appointments.

Inspection

The average fleet age is 5 years and consists of five sedans. Fleet Services recommends the replacement of one older Crown Victoria with a fuel-efficient Ford Focus.

Cemetery

The average fleet age for the Cemetery Division is 10 years. Fleet Services recommends replacing the 2000 Ford Ranger pickup with a similar, more dependable model.

City hall Vehicle

City hall utilizes a 2013 Ford Focus.

Engineering

The Engineering Division consists of two sedans with an average vehicle age of 12.5 years. The department will receive a new vehicle in FY2015

Facilities & Grounds

The F&G fleet consists of seven light-duty pickup trucks and vans, two medium-duty one-ton pickups and a medium -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 FY16 with deferring replacement of the additional four until FY17. 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.

Police

Police consists of twenty-two light and medium-duty units and nine police cruisers, with an average vehicle life of 5 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 13 years.

Recycling

The Recycling fleet consists of one medium-duty unit and one heavy-duty unit, with an average vehicle life of 9 years.

Streets & Storm water

The Streets & Storm water fleet consists of five light-duty units, one medium-duty unit and twenty-three 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. Fleet Services recommends the replacement of one light-duty pickup truck to more dependable, fuel-efficient model.

Sewer

The Sewer fleet consists of six light-duty units, three medium-duty units and eight heavy-duty units, with an average vehicle life of 11 years. Annual funding has allowed for the consistent replacement of vehicles.

Water

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

City of Dover
City Council Adopted
City Financial Policies

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 8% 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 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

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.

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.

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.

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.

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.

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 Business and 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 Fleet Services.

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 account for the payment of principal and interest on both long and short term debt, such as bonds or Tax Anticipation Notes.

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 do not 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.

	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 usually 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 Business and 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 departments 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, Resticted and Unrestricted Net Assets.

NET INCOME. Proprietary fund excess of operating revenues, nonoperating revenues and operating transfers in over operating expenses, nonoperating 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.