

City of Somersworth New Hampshire



CIP Rolling Stock Purchase FY 19



CIP Rolling Stock Purchase FY 18

CAPITAL IMPROVEMENT PROGRAM FISCAL YEAR 2020-2025

SUBMITTED TO PLANNING BOARD
OCTOBER 17, 2018

SUBMITTED TO CITY COUNCIL
DECEMBER 3, 2018



CITY OF SOMERSWORTH, N.H.

CITY COUNCIL

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Martin Pepin, Ward 1
Kenneth S. Vincent, Ward 2
Martin P. Dumont, Sr., Ward 3
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CITY MANAGER

Robert M. Belmore

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Paul Maskwa, Alternate

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David A. Witham, City Council Rep.
Jeremey Rhodes
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DEPARTMENTS

Scott A. Smith, Deputy City Manager, Director of Finance & Administration
Shanna B. Saunders, Director of Planning & Community Development
Michael J. Bobinsky, Director of Public Works & Utilities
David Kretschmar, Chief of Police
Keith Hoyle, Fire Chief

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Ward 4: Kyla Yoder
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At Large: Mark Richardson
At Large: Kelly Brennan
At Large: Gerri Cannon

Dr. Robert Gadomski, Superintendent SAU56
Katie Krauss, Business Administrator
October 2018

SOMERSWORTH, NEW HAMPSHIRE

City of Somersworth
One Government Way
Somersworth, NH 03878



City Hall
603 692 4262
www.somersworth.com

December 3, 2018

Memorandum of Transmittal

Honorable Mayor Dana Hilliard and City Council Members
City of Somersworth
One Government Way
Somersworth, NH 03878

Re: Capital Improvement Program 2020-2025

Dear Mayor Hilliard and City Council Members:

Preliminary Comments

In accordance with the provisions of Article VII of the City Charter that the City Manager provide the City Council a Plan by December 15th of each year, I hereby submit to you the proposed Capital Improvement Program (CIP) for Fiscal Years 2020-2025. I also want to point out that the Planning Board fulfilled their responsibility to review the Capital Improvement Program for Fiscal Years 2020-2025 at a workshop on October 17, 2018. Their transmittal letter is provided herein.

The purpose of this Plan is to assist the City Council and Community in knowing several years in advance just what capital expenditures will have to be planned for to meet City needs in order to maximize the most efficient use of taxpayer resources and to stabilize the tax rate to the greatest extent possible. Additionally, the CIP serves as a management planning tool that will benefit the Council as it reviews and adopts the City's Annual Budget and works towards balancing competing improvement goals while maintaining a practical fiscal balance.

In order to accommodate City growth and continue to provide adequate services we need to make a fiscal commitment to maintain and improve our City's physical infrastructure. City Departments have submitted the estimated costs for capital expenditures and infrastructure improvements that they have identified as legitimate needs to accomplish their mission in providing quality services to the community. The CIP identifies and schedules these City needs over a six-year period of time in accordance with the City Charter and State law.

Proud past, bright future

Strategies & Project Updates

Complete Streets Concept: In developing the Capital Improvements Program, staff is instructed to evaluate projects as a whole and not parts independent of the rest of a project. In other words, when we evaluate road improvement projects, it is imperative we evaluate and include water utilities, sewer utilities, drainage, sidewalks, and any other improvements that may be necessary. Similar to last year and as this plan moves forward we will continue to provide a section to the document titled "Pavement Management Plan" – "Complete Streets Projects". Although these projects would require funding from two or more funds, they should be evaluated as stand-alone projects.

The FY20-25 CIP includes a number of requests to fund certain "Complete Streets" projects. A few of these projects to highlight are the Cemetery Road Reconstruction, Constitutional Way Reconstruction and Main Street from John Parsons Drive to Indigo Hill Road. The City awarded a contract to Wright/Pierce Engineers to design each of these projects so they will be "shovel ready" when funding is available and the timing is right to construct these projects. The City also is focused on maintaining roads identified needing maintenance through the pavement management program. As we prepare this document, paving work is completed on Salmon Falls Road, Otis Road, Washington Street, Constitutional Way, West High Street and Main Street. Horne Street reconstruction is scheduled to start shortly. Bates Brook Road, High Street, and Garden Street, will be completed next spring.

Project Updates - Major Utility System Upgrades Planned: The City Council has authorized a project of \$12.5 million to be financed through the NH State Revolving Loan Fund. This will provide funds at a low interest rate, plus there is a 5% principal forgiveness which will save approximately \$600,000 over the life of the loan. This project includes an additional Secondary Clarifier, upgrades to the Aeration Tanks, a Solids Dewatering Centrifuge, and a host of other improvements that are aimed to meet the long-term needs of the City.

The Somersworth/Dover interconnection project is moving forward. Dover secured a State grant in the amount of \$1,300,000 for the construction of this project, and plans are almost ready and scheduled to go out to bid soon. This project will provide redundancy and resilience in our public water system for emergency purposes.

Strategy - Standardized Fleet Specifications: The City continues to update and upgrade our rolling stock using a standardized fleet focusing on Ford products for the lighter equipment and Perterbilt for our larger snowplows.

Fleet Purchases: The City's rolling stock is, and will continue to be a focal point of each capital improvement program. Having reliable vehicles and equipment is critical to provide municipal services. Recognizing the need to upgrade the City's rolling stock throughout a number of departments, the City Council took action to implement a lease/purchase arrangement, whereby

the City could acquire needed replacements now, and spread the payments over a three year or five year period. At the end of the lease term the vehicle is then owned outright by the City.

Included in this replacement plan were the following vehicles:

- One SUV style police cruiser
- One large snowplow truck.
- One street sweeper

The total cost for these vehicle replacements is approximately \$420,000. However, utilizing the lease/purchase arrangement, the City was able to appropriate \$20,000. in the current fiscal year's budget as a down payment, and will make five annual payments of \$91,867, thereby spreading the cost over the next three budget cycles, helping to stabilize the impact to the tax rate.

At this time, all the vehicles have been delivered with the exception of the snowplow.

Guidelines

The structure of the CIP is to classify projects according to the urgency and the need for realization and recommends a time sequence for their implementation. The program must contain estimated costs, probable revenues, if any, and existing sources of funds or the need for additional sources for the implementation and operation of each project. The CIP should also attempt to reflect and take into account the public facility needs identified in the City's Master Plan. In addition, the CIP should also acknowledge the existing rate and nature of development occurring within the City.

The Finance Department has prepared several graphs and charts that interpret the CIP request in regards to its broader financial picture and resulting funding impact on the community. The funding options, the estimated financial impact to the City based on the proposed CIP, and other pertinent points in the document are described as follows:

- An inflationary value of 3% per year has been applied to project estimates beyond fiscal year 2019.
- The funding options for the CIP are generally assumed to be general operating funds, lease arrangements, or bond issues. Federal and State grants or other funding sources are factored into the project assumptions when known to be available. In addition, it continues to be the practice of staff to search and secure other funding sources for all projects.
- Project costs within the CIP are presented on a gross basis. Projects funded by bonds or leases, presented as total project cost, are amortized for the purposes of estimating any tax rate impacts.
- There are two charts depicting estimated tax rate impacts. The first chart demonstrates the total estimated impact of proposed capital spending. The second

chart compares the impact current debt payments have on that tax rate to that of the proposed debt payments existing in the CIP.

Finally, in order to reach a priority determination on each project and prepare for the capital improvement needs of our Community, Department Heads and I considered the following factors:

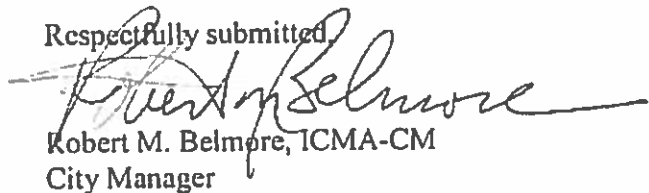
- *affordability and stabilization of spending* with the need of providing effective, efficient and professional services to the community;
- *developing a realistic and affordable financial plan* with reasonable increases acceptable to the community; in concert with the financial plan, consideration should be given in developing a CIP funding policy that can at least initially earmark a funding allocation devoted to funding capital improvements;
- *identify actual funding plans to preserve and maintain the City's current infrastructure;*
- *scheduling projects so as to stabilize the tax rate by reducing dramatic fluctuations;*
- *provide a complete picture of the various City Departments' program needs in a cohesive fashion to better inform the Council and taxpayers of anticipated future capital improvement needs.*

Closing Comments

In closing, I want to thank our Department Heads and their Staff, School Officials, and the Planning Board for their cooperation and efforts in this CIP process of preparation and review.

I look forward to working with Council as you review this Plan and consider the inclusion of requested capital expenditures into the City Council's next fiscal year's budget policy document.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert M. Belmore", is written over a horizontal line.

Robert M. Belmore, ICMA-CM
City Manager

SOMERSWORTH, NEW HAMPSHIRE

Somersworth Planning Board
One Government Way
Somersworth, NH 03878



City Hall
603.692.4262
www.somersworth.com

November 2, 2018

Re: Capital Improvement Program 2020-2025

Honorable Mayor and Members of the City Council:

On October 17, 2017, the Somersworth Planning Board held a workshop meeting to hear a presentation by City Manager Bob Belmore on the 2020-2025 Capital Improvement Program (CIP). Assisting in this presentation was Director of Finance Scott Smith, Interim Superintendent of Schools Bob Gadomski and School Board Member Don Austin

Mr. Belmore and staff presented a summary outline of the proposed CIP document, followed by an open discussion and dialogue with various City Departments.

After review, the Planning Board endorsed the proposed plan as presented with the following comments:

- The School board consider lease purchase agreements for its vehicle purchases
- The School and the City consider coordinating on paving projects

Respectively Submitted,

Ronald LeHoullier
Planning Board Chairman

SOMERSWORTH, NEW HAMPSHIRE

City of Somersworth
One Government Way
Somersworth, NH 03878



City Hall
603.692.4262
www.somersworth.com

October 17, 2018

Memorandum of Transmittal

Dear Planning Board Members:

Preliminary Comments

I am pleased to submit for your review and comment the Fiscal Year 2020–2025 Capital Improvement Plan (CIP) for the City of Somersworth. The purpose of this Plan is to assist the City Council and Community in knowing several years in advance, just what capital expenditures will have to be planned to meet City needs in order to maximize the most efficient use of taxpayer resources and to stabilize the tax rate to the greatest extent possible. Additionally, the CIP serves as a management planning tool that will benefit the Council as it reviews and adopts the City's Annual Budget and works towards balancing competing improvement goals while maintaining a practical fiscal balance.

In order to accommodate City growth and continue to provide adequate services we need to make a fiscal commitment to maintain and improve our City's physical infrastructure. City Departments have submitted the estimated costs for capital expenditures and infrastructure improvements that they have identified as legitimate needs to accomplish their mission in providing quality services to the community. The CIP identifies and schedules these City needs over a six-year period of time in accordance with the City Charter and State law.

An active and engaged Capital Improvement Program is necessary to support the goals of Community that are, in part, spelled out in the City's Master Plan. The CIP and Master Plan work "hand in glove" in this process. I believe with the work of the Mayor and City Council, Planning Board, and city staff, we have developed a CIP plan that does just that - continues to move our Hilltop City forward, "On the Move".

Proud past, bright future

Strategies

In developing the Capital Improvements Program, staff is instructed to evaluate projects as a whole and not parts independent of the rest of a project. In other words, when we evaluate road improvement projects, it is imperative we evaluate and include water utilities, sewer utilities, drainage, sidewalks, bike lanes, and any other improvements that may be necessary.

In an effort to assist users of this document with evaluating these types of comprehensive projects, we have included a new section to the document titled “Pavement Management Plan” – “Complete Streets Projects”. Although these projects would require funding from two or more funds, they should be evaluated as stand-alone projects. They are similar in nature to the recently completed downtown improvements projects that provided upgrades to the water and sewer utilities, as well as pavement, sidewalks, and beautification.

As a result of identifying projects as “Complete Streets Projects”, the City Council has focused in on a series of these projects and approved funding for engineering and design to have these projects shovel ready when funding becomes available, either locally or through Federal or State grants. The projects listed in this plan currently being designed are Cemetery Road reconstruction, Constitutional Way reconstruction, and Main Street reconstruction. The City also is focused on maintaining roads identified needing maintenance through the pavement management program. As we prepare this document, paving work is just beginning on Salmon Falls Road, Otis Road, Washington Street, Horne Street, Bates Brook Road, Constitutional Way, High Street, Main Street, Garden Street, and West High Street.

The City continues to focus on updating and improving vehicles and equipment providing essential services to the community. Based on last year’s CIP, the City is replacing a police cruiser, DPW plow truck, street sweeper, and a 1-ton utility truck for the Water Department.

The CIP is also essential for maintain the City’s Water and Wastewater utilities. In addition to utility improvements contained in the complete streets section, the City continues to keep up to date on other infrastructure vital to running these systems. This plan calls for funding to study and plan improvements to the Noble Pines standpipe (water tank). The intent of the study is to determine the most effective water storage plan for the City, whether that be a new elevated standpipe, rehabilitating the Noble Pines standpipe, or some combination.

When reviewing the summary of projects for the Wastewater utility, projects appear in later fiscal years due to a large upgrade in progress for the Wastewater Treatment Plant. The City Council has authorized a project of \$12.5 million to be financed through the NH State Revolving Loan Fund. This will provide funds at a low interest rate, plus there is a 5% principal forgiveness which will save approximately \$600,000 over the life of the loan. This project includes an additional Secondary Clarifier, upgrades to the Aeration Tanks, a Solids Dewatering Centrifuge, and a host of other improvements that are aimed to meet the long-term needs of the City.

Guidelines

The structure of the CIP is to classify projects according to the urgency and the need for realization and recommends a time sequence for their implementation. The program must contain estimated costs, probable revenues, if any, and existing sources of funds or the need for additional sources for the implementation and operation of each project. The CIP should also attempt to reflect and take into account the public facility needs identified in the City's Master Plan. In addition, the CIP should also acknowledge the existing rate and nature of development occurring within the City.

The Finance Department has prepared several graphs and charts that interpret the CIP request in regards to its broader financial picture and resulting funding impact on the community. The funding options, the estimated financial impact to the city based on the proposed CIP, and other pertinent points in the document are described as follows:

- An inflationary value of 3% per year has been applied to project estimates beyond fiscal year 2020.
- The funding options for the CIP are generally assumed to be general operating funds, lease arrangements, or bond issues. Federal and State grants or other funding sources are factored into the project assumptions when known to be available. In addition, it continues to be the practice of staff to search and secure other funding sources for all projects.
- Project costs within the CIP are presented on a gross basis. Projects funded by bonds or leases, presented as total project cost, are amortized for the purposes of estimating any tax rate impacts.
- There are two charts depicting estimated tax rate impacts. The first chart demonstrates the total estimated impact of proposed capital spending. The second chart compares the impact current debt payments have on that tax rate to that of the proposed debt payments existing in the CIP.

The City Charter requires the City Manager to submit a Capital Improvement Plan to the City Council no later than December 15th of each year. I look forward to working with you as you review this Plan and incorporating your comments in the final document presented to the City Council.

Respectfully submitted,



Robert M. Belmore, ICMA-CM
City Manager

CAPITAL IMPROVEMENT PROGRAM
Capital Improvement Projects by Division

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Washington Street –Main Street to High Street

City of Somersworth, NH

Capital Improvements Program

FY 2020-2025

Introduction

In February of 2000, the Planning Board completed a comprehensive update to the City's Master Plan. This update included an in-depth discussion on land use patterns, conservation issues, City demographics, and economics. The update also included a Community Facilities section that began to outline the City's infrastructure and public improvement needs. In January 2010, the Planning Board performed another update to the plan by adding a Growth and Development Strategy. This section took a comprehensive approach and covers land use, recreation, conservation, downtown revitalization, economic development, transportation, community image, education, and sustainability. The City's current Master Plan provides a solid foundation on which to build a Capital Improvement Program (CIP) that advances the goals and action items set forth in the plan.

The CIP is a program budget and schedule that sets forth a series of planned municipal expenditures for capital improvements. The CIP is a planning tool that identifies when, how, and at what cost Somersworth intends to expand or renovate its services and facilities over a six year period to accommodate existing and anticipated needs of the community.

Compliance with the Master Plan

The 2010 Master Plan envisions a vibrant downtown, a sustainable mix of diverse residential, recreation, business (particularly locally owned business), industrial and institutional land use, connected via a multi-modal transportation network, that protects the unique natural, historical, and cultural resources of our Community.

Through the CIP, we continue to upgrade our rolling stock. Public Safety continues to improve their mission with vehicle upgrades such as the Police Cruiser rolling replacement plan and the Fire/Rescue Pumper truck replacement. The rolling stock has a consistent replacement programs as well, replacing vehicles, plow trucks, and heavy equipment such as loaders and a street sweeper.

Through the action of the CIP, Public Safety strives to stay efficient and effective with new technology available to them such as replacement of fire & police radios and a new police evidence collection vehicle.

Public Works and Utilities offers support in the CIP by planning improvements to roadway and utility networks that connect and serve our area of growth and dense land use. Investment into the pavement management program, sidewalk maintenance, the ongoing Wastewater Treatment Plant upgrade, and program and planned investment into the Noble Pines Water tanks all support the growth of the more urban areas Downtown and across the City.

Land Use related CIP projects including the River Walk expansion study, and upgrades to City Parks, which both are spoken to directly in the Master Plan, such as:

Goal #1.10. *Prepare a Salmon Falls River Riverfront Plan* and goal # 8.1 *Periodically examine the city's recreational resources and seize opportunities to upgrade/expand recreational areas.*

Purpose and Use of the Capital Improvement Program

The CIP has a variety of purposes and should have many beneficial effects on Somersworth's financial, budgetary, and planning functions. Its primary purposes are listed below:

- State statutory and other legal requirements
- Stability in tax rates and budget
- Management tool for City Officials
- Citizen's Guide to Planned Expenditures
- Use by the City Council

CIP Project Criteria – City Financial Policy

In order to be included with the CIP, a project needs to have an estimated annual aggregate cost of \$10,000 or more and have a useful life of five years or greater. In addition, the project needs to satisfy at least one of the following:

- Acquisition of Land
- Construction or expansion of new facility or utility lines
- Non-recurring rehabilitation of a facility provided the cost is \$10,000 or more
- Design work or planning study related to an individual projects
- Any item or piece of equipment that costs more than \$10,000 and has a life expectancy of five years or more

Reoccurring costs such as personnel and supplies are **not** capital improvements, and thus are not included within this program. Some items, such as maintenance and repair, may or may not be included depending upon the cost and the useful life of the repair.

The period covered in this CIP is for Fiscal Years (FY) 2020, 2021, 2022, 2023, 2024 and 2025. FY 2020 begins on July 1, 2019 and ends on June 30, 2020. The remaining fiscal years will follow the same schedule.

Priority Rating

- **PRIORITY I:** Highest priority project. The non-funding of this project may adversely impact the city and may increase future municipal costs.
- **PRIORITY II:** A priority project. Funding of this project will benefit the City's short and medium term interest. A project of this priority will enhance the City's essential infrastructure. If possible it should be funded in the year indicated
- **PRIORITY III:** A project that substantially benefits the city's long term interests. This should be evaluated periodically for purposes of assessing a new priority level.

In short, there is a "progressive" movement from Priority III to Priority I level based upon the periodic review and funding of each CIP identified item. The Priority I items should have the most compelling project description and background rationale.

Financing Criteria

There are several options regarding financial criteria and applicability that the City can utilize in reviewing and prioritizing CIP requests. CIP funding may take the form of grants, special conservation funds, utility funds, general fund, and other special funds that may become available. Funding may also include a combination of financing options and/or identification of new sources.

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

Debt Financed

Purchases of assets and services of \$100,000 or more, non-recurring 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 City issues tax-exempt debt 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 the outright purchase of the asset where the impact would be too great for one budget period.

Grant Financed

The purchase of assets and services may be partially or wholly funded by grants from the State or Federal Government or other sources. The grant amount only is reflected in this section and the local share or match, if any, is reflected in the appropriate financing section.

Existing Fund 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 other projects or other sources of funds. If bonded funds are to be used, the item has to meet the useful life criteria for the remaining years of the amortization of the bond funds used.

Operating Budget Financed

Purchase of assets and services of less than \$100,000 or recurring in nature, are recommended to be financed through the annual operating budget for the fund involved. Annual programs, whether over \$100,000 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 an annual debt service cost of 130%-150% of the purchase price of the items initial cost, depending on rates and term. Thus, to continually bond for recurring project will result in debt service costs higher than the annual amount being bonded for the project.

City of Somersworth

Capital Improvements Program

Project Categories

There are several appropriation categories used to classify capital projects.

Study Services. Services provided to the City for feasibility studies by engineers, architects, or other professional service related consultants.

Design Services. Services provided to the City for the design of infrastructure by engineers or architects. This includes planning, preliminary plans, final plans and other related activities.

Construction Services. Services provided to the City for contract administration by engineers or architects.

Land. Expenditures for the purchase of land. This includes closing costs, appraisals, purchase or right of way and site preparation.

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.

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.

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.

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 or buildings.

Machinery and Equipment. Expenditures for equipment usually composed of a complex combination or parts, excluding vehicles. Examples include firefighting equipment (SCBA, ladders, hoses, etc.) medical and lab equipment, recreational and athletic equipment, traffic control equipment, generators, lathes, and drill presses.

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.

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.

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.

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.

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.

Roadways. Expenditures for construction of, or major renovations to roadways. This includes shim and overlay, but excludes maintenance items such as crack sealant.

Bridges. Expenditures for construction of, or major renovation to bridges. This includes pedestrian as well as vehicular bridges.

Waterways. Expenditures for construction of, or major renovation to waterways, including dams, dredging, embankments, etc.

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.

CAPITAL IMPROVEMENTS PLAN – COMPLETED/IN PROGRESS PROJECTS FROM PRIOR PLANS

Vehicles/Heavy Machinery:

FY 2016

- 1 Police Cruiser
- DPW – Plow Truck (308)
- Water Distribution – Ford Transit

FY 2017

- 2 Police Cruisers
- Code Office – Ford Focus
- Recreation – Pick-up
- Parking Enforcement/ACO – Pick-up
- DPW - Plow Truck (304)
- DPW – 1 Ton Plow (202)
- DPW – SUV Director
- Waste Water – 1 Ton Utility Truck
- Water – 1 Ton Utility Truck

FY 2018

- 1 Police Cruiser
- Code Office – Pick-up
- DPW – Plow Truck (306)
- DPW – 1 Ton Plow (201)
- DPW – Compact Tracked Loader

FY 2019

- 1 Police Cruiser
- DPW – Plow Truck (308)
- Street Sweeper
- Water – 1 Ton Utility Truck

Equipment/Other:

FY 2016

- City Hall Server Upgrade
- Financial Software Upgrade
- Fire SCBA Replacement (Yr. 3 of 4)
- Water Treatment Facility – Raw Water Pumps Replacement

FY 2017

- City Hall HVAC Air Exchange
- Fire SCBA Replacement (Yr. 4 of 4)
- Fire – Replace Portable Radios (Yr. 2 of 4)

FY 2018

- City Hall HVAC Cooling Tower
- Fire – Replace Portable Radios (Yr. 3 of 4)
- Water Treatment Plant – TOC Analyzer

FY 2019

- Replace Audio/Video System at Police Department
- DPW – Asphalt Planer

Roads/Infrastructure

FY 2016

- Maple Street Culvert Replacement
- Buffumsville Road Culvert Replacement
- Rocky Hill Road Standpipe Rehabilitation Project

FY 2017

- Memorial Drive – Road and Utility Improvements
- Alicia Street – Road Improvements
- Wiggin Court – Road Improvements
- Down Street – Road Improvements
- Indigo Hill Road (Green to Main) - Road and Utility Improvements
- Indigo Hill Road (Green to Williams) - Road and Utility Improvements
- Blackwater Road Pump Station Rehabilitation Project

FY 2018

- Maple Street – Road Improvements
- Blackwater Road (High to Rte. 108) – Road Improvements
- Green Street (Franklin to Washington) - Road Improvements
- Rocky Hill Road (Tate's Brook to Winter) - Road Improvements
- Portion of Winter to Page Street - Road Improvements

FY 2019

- Salmon Falls Road - Road Improvements
- Washington Street - Road Improvements
- Otis Road - Road Improvements
- Horne Street - Road Improvements
- Tates Brook Road - Road Improvements
- Constitutional Way - Road Improvements
- High Street (Blackwater to South) - Road Improvements
- Main Street (John Parsons to Indigo Hill) - Road Improvements
- Garden Street - Road Improvements
- West High Street (Maple to Cemetery) - Road Improvements

G/F Op = General Fund Operating (Property Taxes)
 E/F Op = Enterprise Fund User Fees
 B/G T = Building, Grounds, Transportation Committee

City of Somersworth
 Capital Improvements Program - Summary of Projects by Year

Section	Project by Division	Funding Source	Priority	Dept.	Manager	FY20	FY21	FY22	FY23	FY24	FY25	Totals FY20-FY25
ECONOMIC DEVELOPMENT AND PLANNING DEPT.												
A	Feasibility Study - Riverwalk expansion	G/F Op	II	III		\$0	\$0	\$20,000	\$0	\$0	\$0	\$20,000
A	Master Plan update	G/F Op	III	III		\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
	ENV. OF ECONOMIC DEV. PLANNING, CODE ENFORCE TOTALS					\$0	\$30,000	\$20,000	\$0	\$0	\$0	\$50,000
CITY HALL												
B	City Hall High Efficiency Condensing Boiler	G/F Op	I	III		\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
B	City Hall Roof	G/F Op	II	I		\$71,000	\$0	\$0	\$0	\$0	\$0	\$71,000
B	City Hall Individual Office Heat/Cool Pumps	G/F Op	II	II		\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
	GITY OWNED PROPERTY/BUILDING DIVISION TOTAL					\$71,000	\$100,000	\$0	\$0	\$0	\$0	\$171,000
PARKS AND REC												
C	Millennium Park Pavilion	G/F Op	I	II		\$0	\$20,000	\$0	\$0	\$0	\$0	\$20,000
C	Jules Blisson Park Playground Equip. - LWCF Match	G/F Op - Grant	II	II		\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000
C	Veterans Memorial at Stein Park	G/F Op	II	III		\$0	\$190,000	\$0	\$0	\$0	\$0	\$190,000
	ENV. OF RECREATION TOTALS					\$90,000	\$210,000	\$0	\$0	\$0	\$0	\$300,000
	DEVELOPMENT SERVICES DEPT. TOTALS					\$161,000	\$340,000	\$20,000	\$0	\$0	\$0	\$521,000
CITY MANAGER/FINANCE DEPARTMENT												
E	Replacement Equipment - Server/Network	G/F Op	II	II		\$0	\$22,500	\$0	\$0	\$0	\$0	\$22,500
	CITY MANAGER/FINANCE DEPARTMENT TOTALS					\$0	\$22,500	\$0	\$0	\$0	\$0	\$22,500
PUBLIC SAFETY-FIRE DEPARTMENT												
G	New Fire Station	G/F Op - Bond	II	II		\$0	\$0	\$200,000	\$3,800,000	\$0	\$0	\$4,000,000
G	Forestry Vehicle Replacement	Lease	I	I		\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000
G	Car 1	Lease	II	II		\$0	\$0	\$0	\$0	\$45,000	\$0	\$45,000
G	Replace 1995 Pumper - Engine 2	Lease	I	I		\$0	\$615,000	\$0	\$0	\$0	\$0	\$615,000
G	Replace Portable Radios	G/F Op	I	I		\$39,438	\$0	\$0	\$0	\$0	\$0	\$39,438
G	Vehicle Mobile Radios	G/F Op	I	I		\$13,107	\$24,414	\$0	\$0	\$0	\$0	\$37,521
G	4WD Pickup Truck	Lease	I	II		\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000
	Public Safety - Fire Dept. Total					\$182,545	\$639,414	\$200,000	\$3,800,000	\$45,000	\$0	\$4,866,959
PUBLIC SAFETY-POLICE DEPARTMENT												
H	Police Cruiser - Ford Explorer Package	G/F Op	I	I		\$42,101	\$86,728	\$44,665	\$92,010	\$47,385	\$97,613	\$410,502
H	Evidence Collection Vehicle	G/F Op	II	II		\$0	\$112,252	\$0	\$0	\$0	\$0	\$112,252
H	Replacement Undercover Vehicles	G/F Op	I	II		\$0	\$23,588	\$24,296	\$25,025	\$25,775	\$0	\$98,684
	Public Safety - Police Dept. Total					\$42,101	\$222,568	\$68,961	\$117,035	\$73,160	\$97,613	\$621,438
PUBLIC WORKS DEPARTMENT												
J	Replacement of One-Ton Dump Truck No. 202	Lease	II	I		\$80,713	\$0	\$0	\$0	\$0	\$0	\$80,713
J	Replacement of One-Ton Truck No. 103	Lease	III	II		\$0	\$50,760	\$0	\$0	\$0	\$0	\$50,760
J	Combination Plow Truck No. 303	Lease	II	I		\$170,737	\$0	\$0	\$0	\$0	\$0	\$170,737
J	3 Ton Asphalt Recycler & Hot Box Trailer	G/F Op	II	III		\$0	\$0	\$0	\$0	\$0	\$36,848	\$36,848
J	Replacement of 2008 John Deere Loader 503	Lease	III	II		\$0	\$0	\$0	\$127,160	\$0	\$0	\$127,160
J	Addition of sidewalk tractor	Lease	I	II		\$0	\$0	\$170,575	\$0	\$0	\$0	\$170,575
J	Emergency Generator - Public Works	G/F Op	III	III		\$0	\$53,045	\$0	\$0	\$0	\$0	\$53,045
J	Pavement Management Program	G/F Op	I	I		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
J	Expansion of DPW Building	G/F Op	II	III		\$0	\$0	\$0	\$25,000	\$200,000	\$0	\$225,000
J	Forest Glade Cemetery - Furbur Memorial Chapel											
J	Restoration	G/F Op	II	II		\$0	\$0	\$0	\$0	\$0	\$184,500	\$184,500
	PUBLIC WORKS DEPARTMENT TOTAL					\$1,551,450	\$1,403,806	\$1,470,575	\$1,452,160	\$1,500,000	\$1,521,348	\$8,899,338
	TOTAL CITY GENERAL FUND					\$1,937,095	\$2,628,287	\$1,759,536	\$5,369,195	\$1,618,160	\$1,618,961	\$14,931,235

G/F Op = General Fund Operating (Property Taxes)
 E/F Op = Enterprise Fund User Fees
 B.G.T = Building, Grounds, Transportation Committee

City of Somersworth
 Capital Improvements Program - Summary of Projects by Year

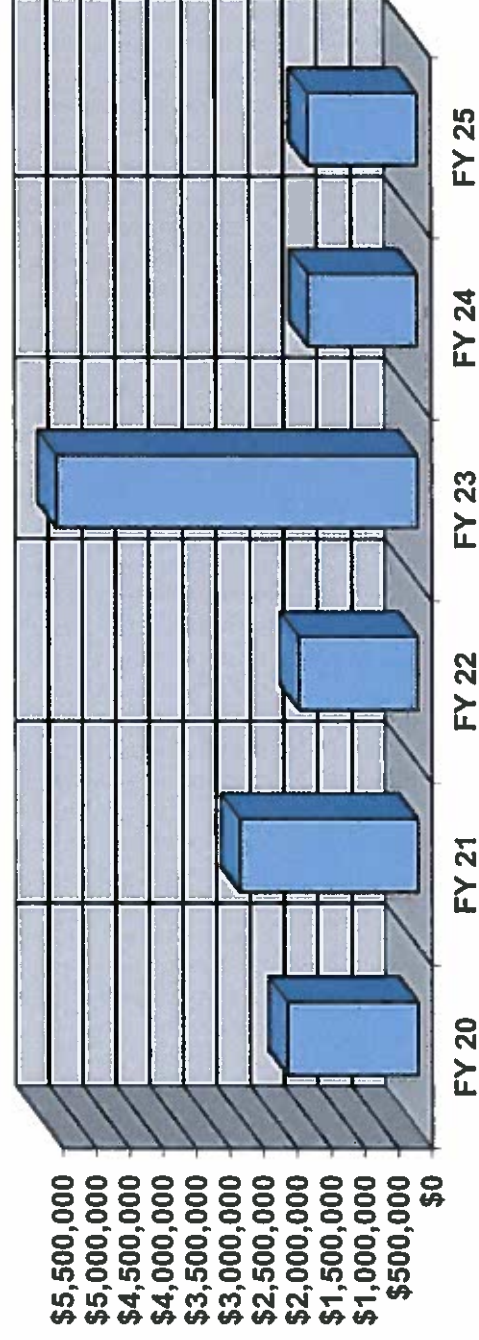
Section	Project by Division	Funding Source	Priority Dept. B.G.T	FY20	FY21	FY22	FY23	FY24	FY25	Totals FY20-FY25
	SCHOOL REPAIRS/REPLACE									
	District Wide - HVAC, Ventilation Design, Plan & Specifications	G/F Op	I	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$600,000
	High School - Asbestos Flooring Replacement	G/F Op	I	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$0	\$214,000
	Middle School - Replace Boilers and Controls 1 through 5	G/F Op	I	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$400,000
	Middle School-Elevator Replacement	G/F Op	I	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
	Maple Wood - Bathroom Renovations	Bond	II	\$0	\$370,000	\$0	\$0	\$0	\$0	\$370,000
	Middle School - Repairs to Exterior walls of 1962 Section & Do	G/F Op	IV	\$38,000	\$0	\$0	\$0	\$0	\$0	\$38,000
	Middle School - Repairs to Exterior walls of 1962 Section Wind	G/F Op	IV	\$0	\$95,000	\$0	\$0	\$0	\$0	\$95,000
	Middle School - Re-Hab Bathrooms/Including ADA Imp	G/F Op	V	\$0	\$0	\$416,000	\$0	\$0	\$0	\$416,000
	District Wide- New Maintenance Truck with Plow	G/F Op	V	\$0	\$0	\$0	\$0	\$0	\$37,997	\$37,997
	District Wide-Special Education Van Replacement	G/F Op	V	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
	Middle School-Asphalt Repairs/Paving	G/F Op	V	\$0	\$0	\$0	\$0	\$0	\$70,000	\$70,000
	CAPITAL IMPROVEMENT PROGRAM GENERAL FUND TOTALS			\$2,628,596	\$3,346,787	\$2,429,036	\$5,622,695	\$1,718,160	\$1,761,958	\$17,507,232
	CURRENT CITY DEBT SCHEDULE (P&I)									
	CURRENT SCHOOL DEB SCHEDULE (P&I)									
	TOTAL - GENERAL FUND CIP & DEBT SERVICE			\$707,928	\$616,684	\$525,539	\$288,384	\$276,271	\$264,888	\$2,679,694
	ENTERPRISE WATER FUND			\$1,680,821	\$1,655,581	\$1,653,071	\$1,625,793	\$1,622,578	\$1,617,240	\$9,956,084
	Water Main: Main Street from Indigo Hill Road to Wildflower Cl	E/F Op-Bond	II	\$0	\$0	\$125,700	\$1,322,200	\$0	\$0	\$1,447,900
	Noble Pines (Hamilton St) Water Tank Rehabilitation	E/F Op-Bond	II	\$100,000	\$0	\$3,000,000	\$0	\$0	\$0	\$3,100,000
	Water Distribution Improvements: Indigo Hill Road - Main	E/F Op	II	\$0	\$0	\$0	\$0	\$160,000	\$1,240,000	\$1,400,000
	Street to Rita Road	E/F Op	II	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Replacement Truck for Water Distribution - Truck 903	E/F Op	II	\$0	\$0	\$0	\$50,917	\$0	\$0	\$50,917
	Water Main: West High - High Street to James Ave.	E/F Op-Bond	II	\$0	\$0	\$0	\$0	\$130,800	\$1,111,500	\$1,242,300
	Raw Water Variable Frequency Drive Controllers	E/F Op	II	\$0	\$0	\$0	\$0	\$75,000	\$0	\$75,000
	TOTAL - WATER FUND			\$100,000	\$0	\$3,125,700	\$1,373,117	\$345,800	\$2,351,500	\$7,316,117
	ENTERPRISE SEWER FUND									
	Phase II - Upgrade	E/F Op Bonds	III	\$0	\$0	\$0	\$0	\$7,778,000	\$0	\$7,778,000
	Portable Vacuum Unit	E/F Lease	I	\$0	\$0	\$0	\$68,450	\$0	\$0	\$68,450
	TOTAL - SEWER FUND			\$0	\$0	\$0	\$68,450	\$7,778,000	\$0	\$7,846,450
	CURRENT ENTERPRISE FUND DEBT SCHEDULE (P&I)			\$1,274,154	\$1,246,943	\$1,216,778	\$1,191,366	\$1,161,056	\$1,135,724	\$7,225,022
	Pavement Management Plan - Complete Streets Projects									
N3	Cemetery Road Reconstruction	G/F -E/F Bonds	II	\$3,788,850	\$0	\$0	\$0	\$0	\$0	\$3,788,850
N4	Constitutional Way Reconstruction	G/F -E/F Bonds	II	\$0	\$0	\$0	\$0	\$0	\$1,055,230	\$1,055,230
N6	High Street - Blackwater Road to Franklin Street	G/F -E/F Bonds	II	\$0	\$0	\$0	\$0	\$200,100	\$2,783,400	\$2,983,500
N7	Main Street Construction - John Parsons Drive to Indigo Hill R	G/F -E/F Bonds	II	\$0	\$0	\$0	\$0	\$6,403,100	\$0	\$6,403,100
N10	Washington Street - Main Street to High Street	G/F -E/F Bonds	II	\$0	\$0	\$0	\$0	\$0	\$125,000	\$125,000
	TOTAL - Pavement Management Plan - Complete Streets Projects			\$3,788,850	\$0	\$0	\$0	\$6,603,200	\$3,963,630	\$14,355,680

G/F Op = General Fund Operating (Property Taxes)
 E/F Op = Enterprise Fund User Fees
 B, G T = Building, Grounds, Transportation Committee

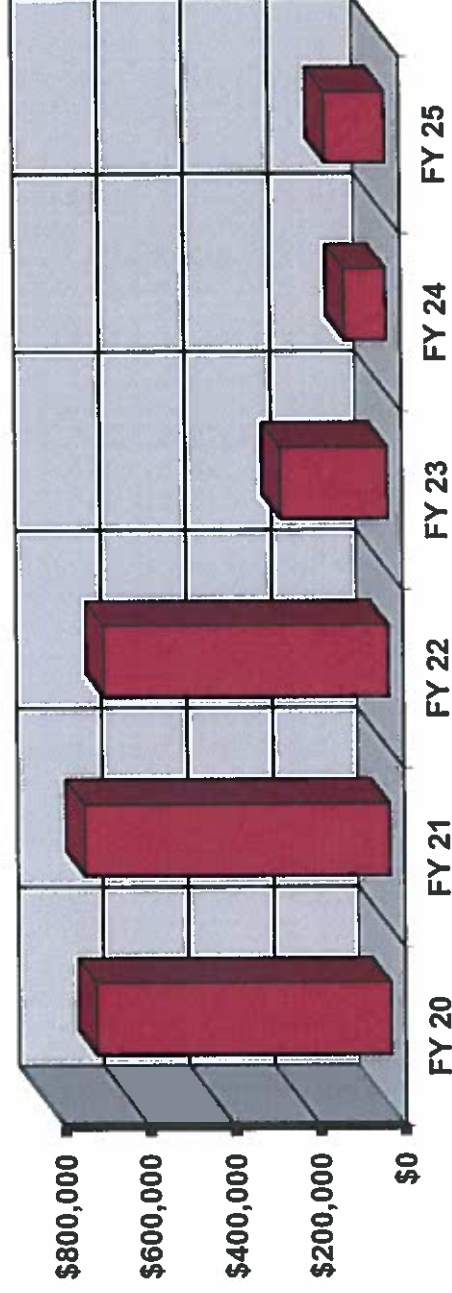
City of Somersworth
 Capital Improvements Program - Summary of Projects by Year

SOMERSWORTH CIP - SUMMARY										
Section	Project by Division		FY20	FY21	FY22	FY23	FY24	FY25	Totals	
	CIP TOTAL - CITY GENERAL FUND		\$1,937,096	\$2,620,287	\$1,759,536	\$5,369,195	\$1,618,160	\$1,618,961	\$14,931,235	
	CIP TOTAL - SCHOOL DEPARTMENT		\$691,500	\$719,500	\$669,500	\$253,500	\$100,000	\$142,997	\$2,575,997	
	CIP TOTAL - CITY ENTERPRISE FUNDS		\$100,000	\$0	\$3,125,700	\$1,441,567	\$8,143,800	\$2,351,500	\$15,162,567	
	TOTAL -PAVEMENT MANAGEMENT PLAN - COMPLETE STREETS PROJECTS		\$3,786,850	\$0	\$0	\$0	\$6,603,200	\$3,963,530	\$14,355,580	
	CIP TOTAL - ALL FUNDS		\$6,517,446	\$3,346,787	\$5,554,736	\$7,064,252	\$15,465,160	\$9,077,088	\$47,925,172	
	DEBT SERVICE TOTAL - ALL FUNDS		\$3,662,903	\$3,519,208	\$3,395,389	\$3,105,543	\$3,059,905	\$3,017,852	\$19,760,800	
	TOTAL - ALL FUNDS CIP & DEBT SERVICE		\$10,180,349	\$6,865,995	\$8,950,125	\$10,169,805	\$19,525,065	\$11,094,940	\$66,786,279	
FY20 CITY CIP - FUNDING SUMMARY										
	Funding Category		FY20							
	General Fund - Bonds/Lease		\$2,351,652							
	General Fund - Other (Escrow)		\$0							
	General Fund - Grants		\$45,000							
	General Fund - Operating Budget		\$2,202,146							
	City General Fund CIP		\$4,598,798							

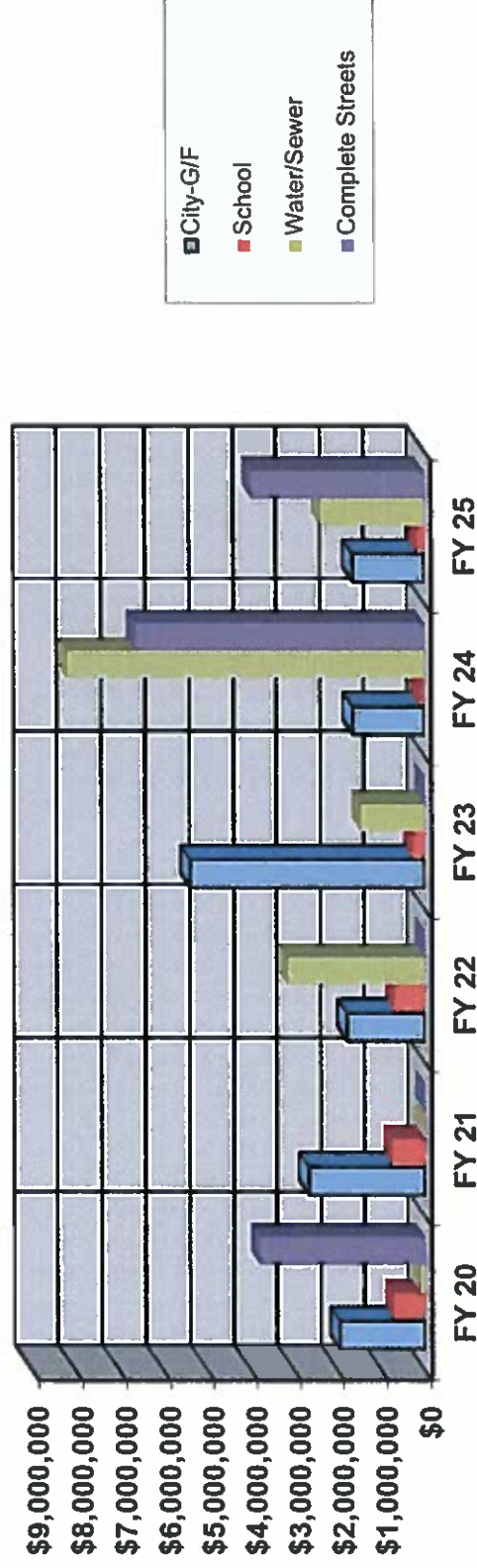
**City CIP - Requests
G/F Totals by Year**



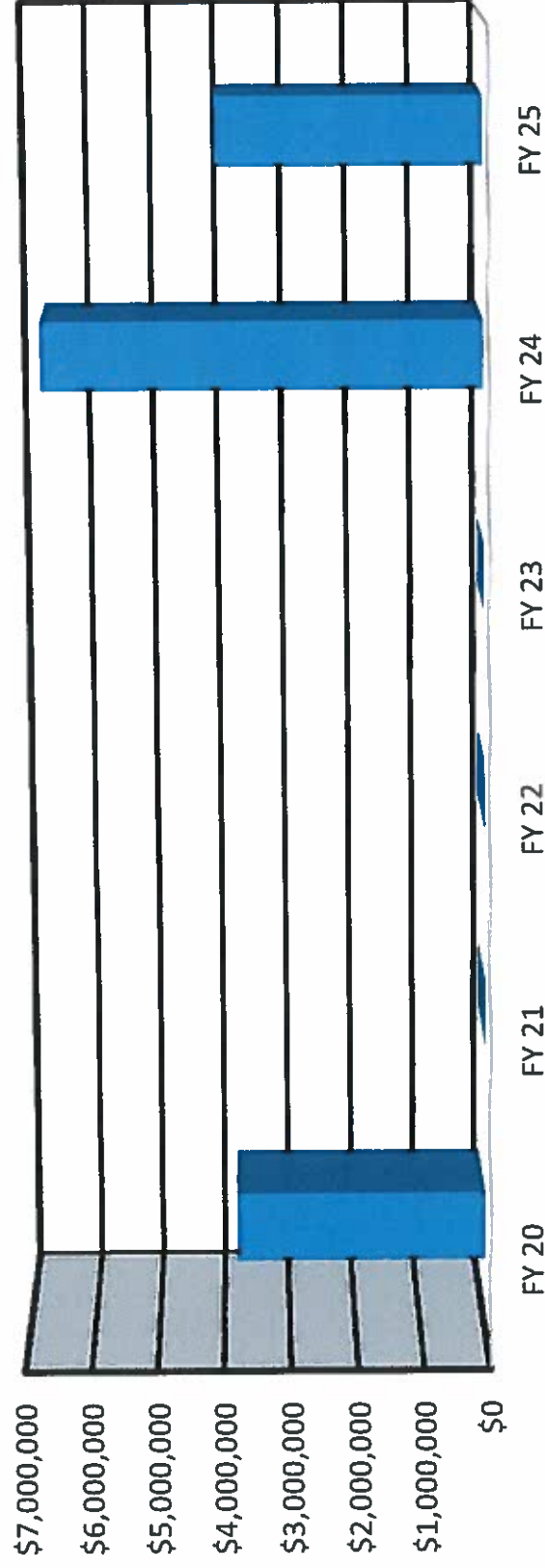
**School CIP - Requests
Totals by Fiscal Year**



CIP - Requests Totals by Fiscal Year



**Complete Streets Projects
Totals by Fiscal Year**



City of Somersworth, New Hampshire
 Computation of Legal Debt Margin
 June 30, 2018

DRA Certified Base Valuation for Debt Limit

\$ 966,281,226

General Fund debt limit - 3% of Base Valuation:

\$ 28,988,437

Gross G/F Bonded debt June 30, 2018

3,470,550

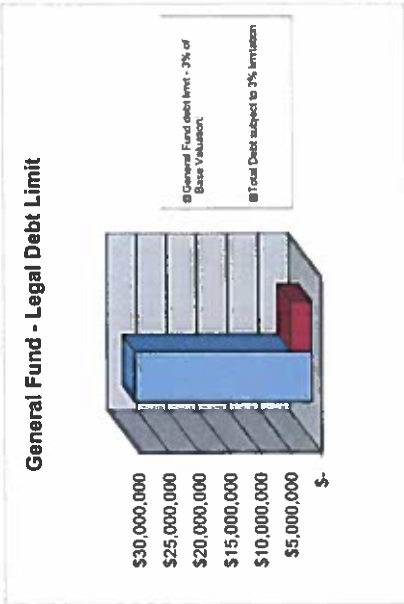
Total Debt subject to 3% limitation
 Legal Debt Margin

3,470,550

\$ 25,517,887

12%

88%



School District debt limit - 7% of Base Valuation:

\$ 67,639,686

Gross School Bonded debt June 30, 2018

11,776,637

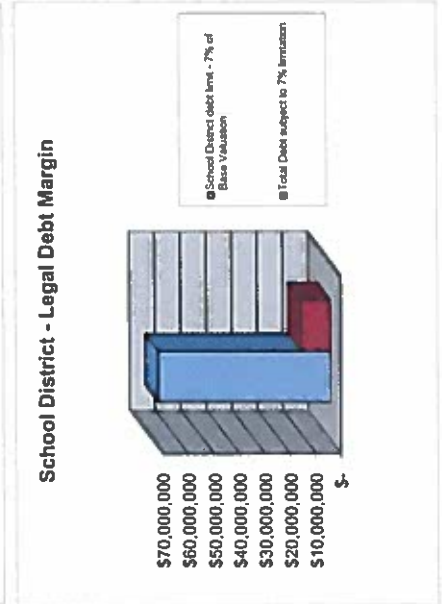
Total Debt subject to 7% limitation
 Legal Debt Margin

11,776,637

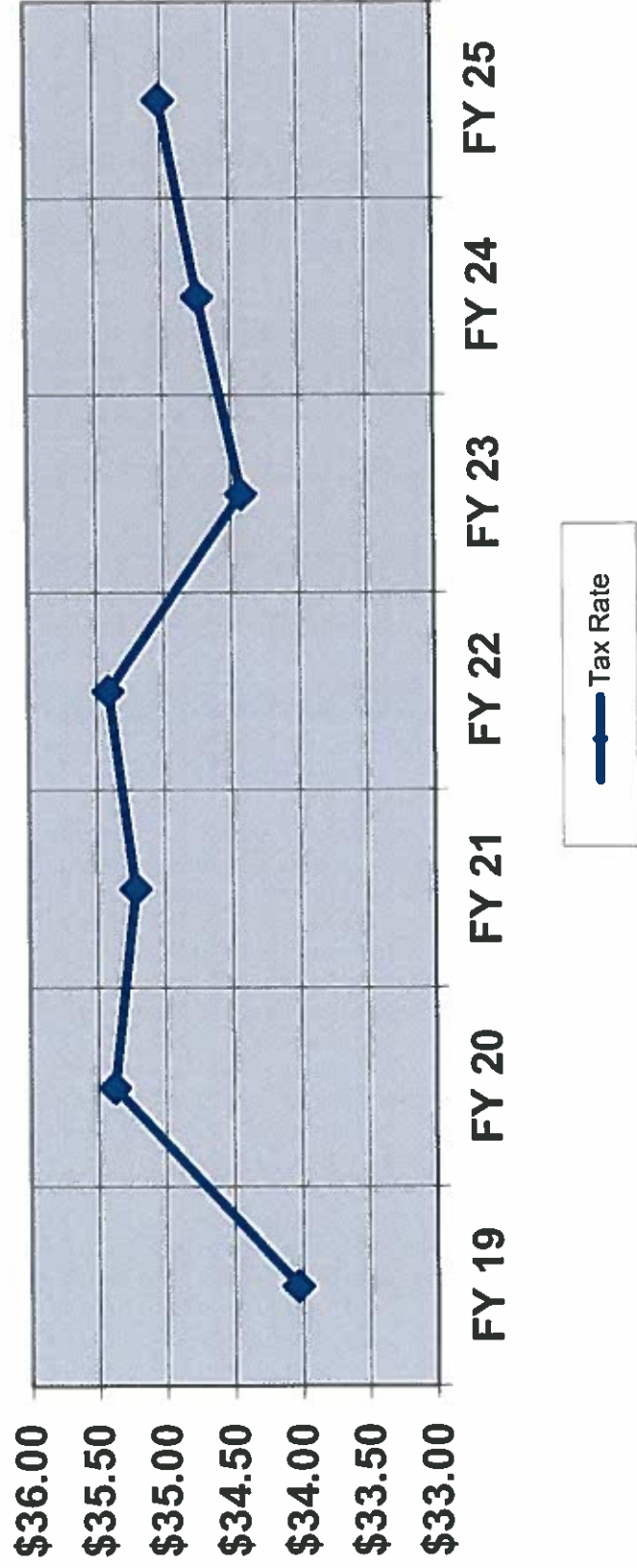
\$ 55,863,049

17%

83%

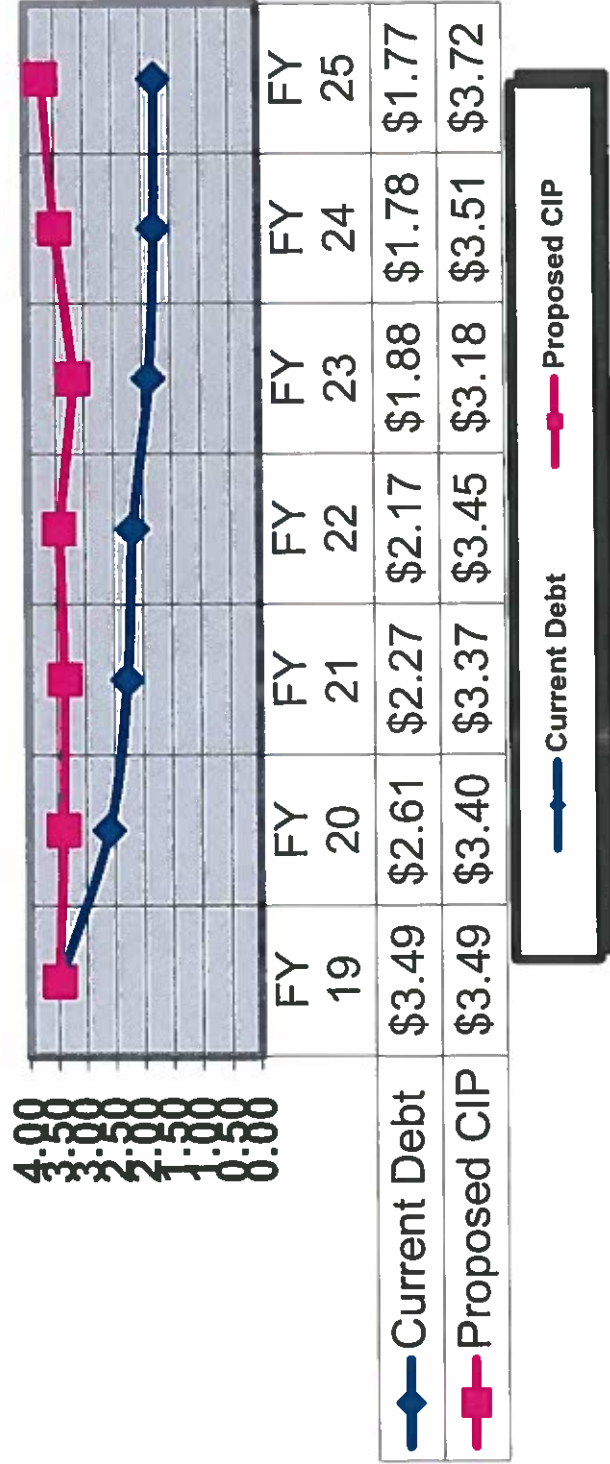


**Estimated Impact on Tax Rate
of Proposed CIP by Fiscal Year**



Debt Payments as Portion of Tax Rate

Impact of Proposed CIP on Debt Payments



DATA ENTRY FORM #A1

Project Title:		Feasibility Study - Riverwalk expansion				
Department:	Submitted By:	Date:	Priority:	Project Cost:		
Development Services	Shanna B. Saunders	July 1, 2018	II	\$20,000		

<p>1. General Project Description? Goal 1.10 of the City's Master Plan states: "Prepare a Salmon Falls River Riverfront Plan from the Berwick Bridge to the municipal boundary with Rollinsford that encourages maximum public access and ensures appropriate public use of the riverfront area..." This proposal is to conduct a feasibility study on the construction of an expansion to the City's Riverwalk</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The existing Riverwalk park is a single parcel. A connection to the commercial center of our downtown will provide economic growth for the area.</p> <p>3. Is this a replacement item? No If NOT, How was the need previously met? The existing Riverwalk begins off of Buffumsville Rd and traverses approximately a half mile. The extension would be north-ward towards the Berwick bridge with the possibility to connect to a Berwick Riverwalk now in discussion.</p> <p>4. List name of Firm and price of quotes received. Received verbal quote from experienced planning firm</p>	
---	--

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund			\$20,000				\$20,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Commence FY:	Quarter:	Prior Years' Funding					Total Project
							\$20,000

Project Title:	Master Plan update			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Shanna B. Saunders	July 1, 2018	III	\$30,000

1. General Project Description? The City updated its Master Plan in 2010 by adding a Growth and Development strategy. This document has been instrumental to the planning department and many of the action items listed in the plan have either been accomplished or are being pursued. New Hampshire RSA recommends , but does not require, that municipalities should update their Master Plans every 5 to 10 years. In 2019, it will have been 9 years since our last update and most items in the plan will have been addressed.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The goal of this project would be to identify the future vision for the City regarding land use, economic development, natural resource protection and sustainability, and capital improvements to the City's infrastructure and parks. The current Growth and Development Strategy has been instrumental in guiding the Planning Department to seek grant funds and implement ideas and strategies that were created through a collaborative process between local government and its citizens. It is expected that this next update would create the same type of blueprint for the continued improvement of Somersworth for another decade.

3. Is this a replacement item? Yes If NOT, How was the need previously met?

4. List name of Firm and price of quotes received.
Verbal quote from local planning consultant



Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund			\$30,000.00					\$30,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$30,000	\$0	\$0	\$0	\$0	\$30,000
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$30,000

DATA ENTRY FORM #B1

Project Title:	City Hall High Efficiency Condensing Boiler		
Department:	Submitted By:	Date:	Priority:
City Hall	Shanna B. Saunders	July 1, 2018	I
			Project Cost:
			\$40,000

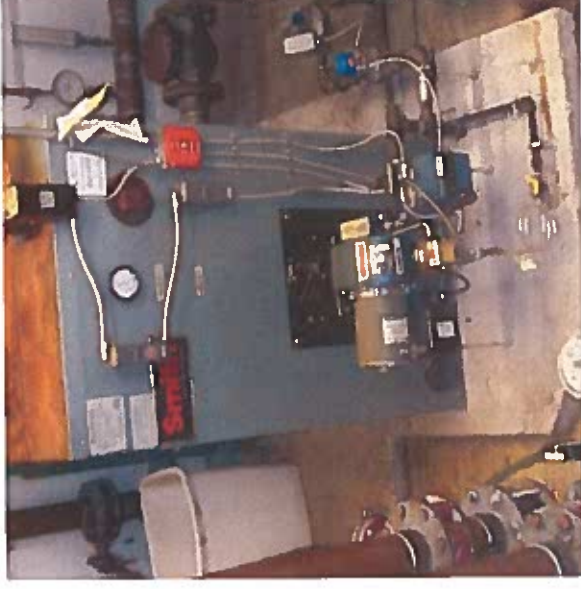
1. General Project Description? Replace single existing boiler with two smaller high efficiency condensing boilers for use in a heat loop pump

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The two new units will provide limited redundancy and will run more efficient saving money from the operation of older boiler.

3. Is this a replacement item? Yes
If NOT, How was the need previously met?

4. List name of Firm and price of quotes received.
Design Day Mechanical Inc 1-17-17 Memo - \$40,000

Total : \$40,000



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$40,000					\$40,000
Bonds/Lease							\$0
Grant							\$0
Enterprise/Fund							\$0
Other							\$0
Totals	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$40,000

DATA ENTRY FORM #B2

Project Title:	City Hall Roof		
Department:	Submitted By:	Date:	Project Cost:
City Hall	Shanna B. Saunders	July 1, 2018	\$71,000
		II	

1. General Project Description? Replace City Hall Roof with 0.06 single ply rubber roof, new nailers and flashing.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The existing roof is as old as the building and has a history of repairs. Recommendation at the last repair was to replace.

3. Is this a replacement item? Yes
If NOT, How was the need previously met?

4. List name of Firm and price of quotes received.
Hall Brothers quote \$71,000 which includes removal and disposal of old roof.

Total : \$71,000



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$71,000						\$71,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$71,000	\$0	\$0	\$0	\$0	\$0	\$71,000
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$71,000

Project Title: City Hall Individual Office Heat/Cool Pumps			
Department:	Submitted By:	Date:	Priority:
City Hall	Shanna B. Saunders	July 1, 2018	II
			Project Cost:
			\$60,000

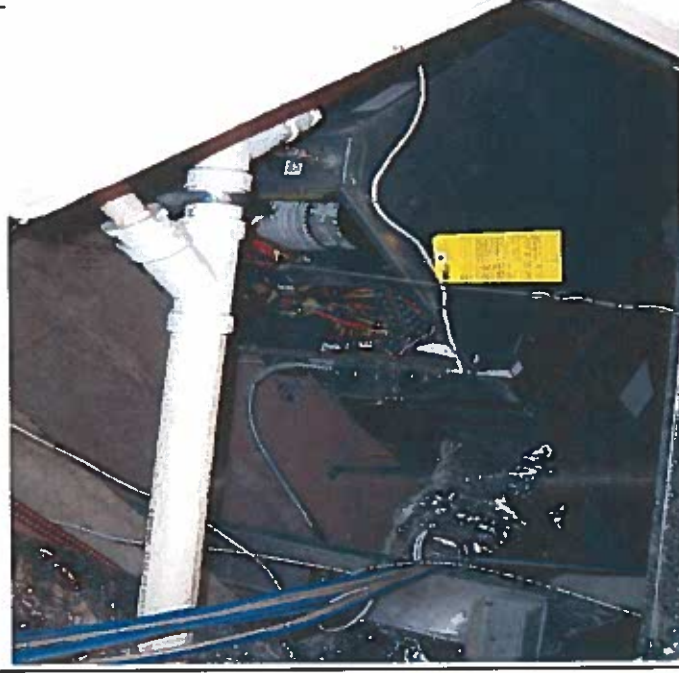
1. General Project Description? Replace building heat pumps. These are the room specific ceiling mounted units that bring heat/cool to each room including: Engineer's office, Tax Clerk, Drive Thru, Managers Office Executive Sec Office, Mayors Office.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Pumps are as old as the building and one has failed and several are in process of failing. This is a long term plan to replace one pump each year.

**3. Is this a replacement item? Yes
If NOT, How was the need previously met?**

4. List name of Firm and price of quotes received.
Design Day Mechanical Inc 1-17-17 Memo - \$10,000 each

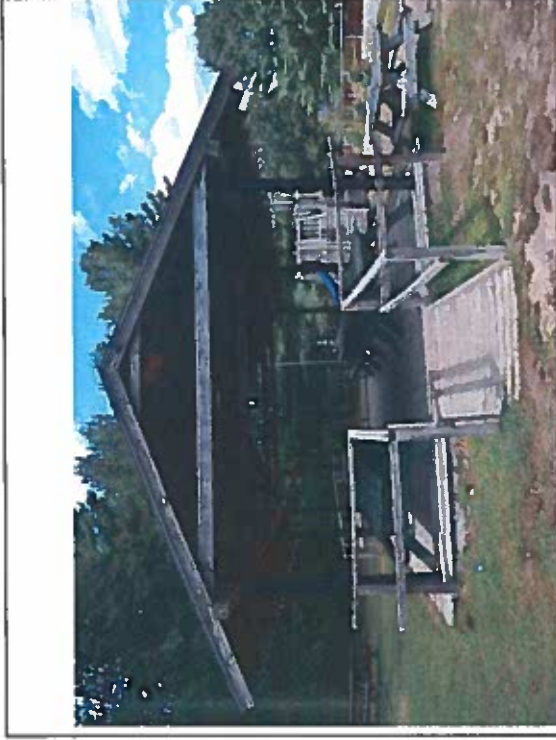
Total : \$60,000



Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund			\$60,000					\$60,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
Commence FY:		Quarter:				Prior Years' Funding		
						Total Project		
						\$60,000		

Project Title:			
Millennium Park Pavilion			
Department:	Submitted By:	Date:	Project Cost:
Development Services	Shanna B. Saunders	July 1, 2018	\$20,000
Priority:		I	

- General Project Description?** The City will construct and install a new pavilion on site. This will be a 20 ft. by 24 ft. open air pavilion with no utilities in the same foot print as the existing pavilion. This would tie in with the investment put into the park by the abutting developer who is replacing the playground, updating the park house, bleachers and ballfield.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** The pavilion is approximately 20 years old and is due to be replaced.
- Is this a replacement item? Yes**
If NOT, How was the need previously met?
- List name of Firm and price of quotes received.**
Middleton Building Supply Quote dated 7/19/18, foundation quote from Code Officer, electrical quote from Electrical Inspector.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$20,000					\$20,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals		\$20,000	\$0	\$0	\$0	\$0	\$20,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$20,000

DATA ENTRY FORM #C2

Project Title:	Jules Bisson Park Playground Equip. - LWCF Match		
Department:	Submitted By:	Date:	Priority:
Development Services	Shanna B. Saunders	July 1, 2018	II
			Project Cost:
			\$90,000

Total Project/Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund		\$45,000						\$45,000
Bonds/Lease								\$0
Grant		\$45,000						\$45,000
Enterprise/Fund								\$0
Other								\$0
	Totals	\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$90,000

DATA ENTRY FORM #C3

Project Title:	Veterans Memorial at Stein Park		
Department:	Submitted By:	Date:	Project Cost:
City Hall	Shanna B. Saunders	July 1, 2018	\$190,000
		II	

1. General Project Description? Renovation of the Veteran's Memorial at the park.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? It will provide a sense of pride and community spirit by honoring the service to our country from the men and women of Somersworth, and further aid in enriching the park and surrounding area and provide an attraction to Somersworth. This project will allow for a more robust and appropriate venue for the Memorial Day parade and associated events. It will improve the partnership with all our local veterans organizations such as the VFW and American Legion.

3. Is this a replacement item? Yes
If NOT, How was the need previously met?

4. List name of Firm and price of quotes received.

Total : \$190,000 based on Dover's cost and as a placeholder until a plan is developed and approved

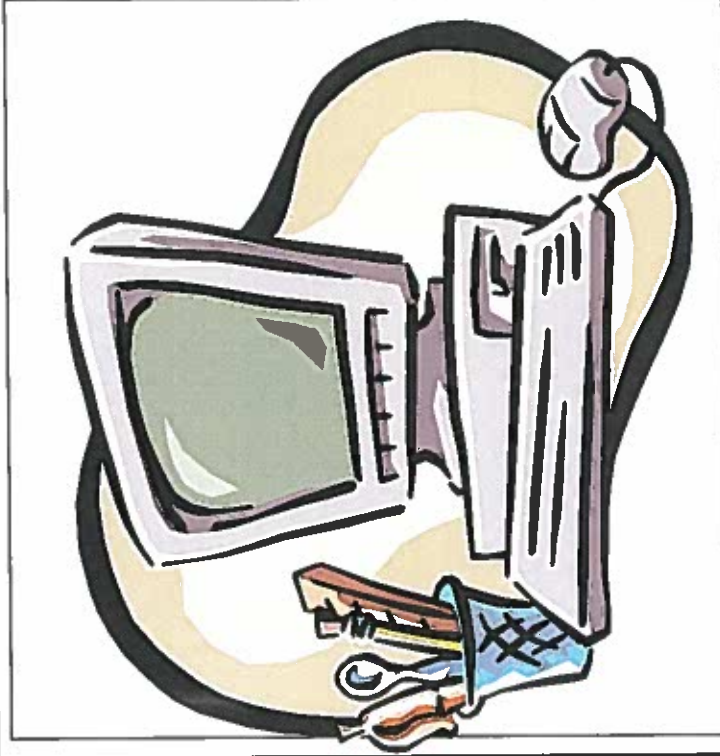


Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$190,000					\$190,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$190,000	\$0	\$0	\$0	\$0	\$190,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$190,000

DATA ENTRY FORM #E2

Project Title: Replacement Equipment - Server/Network			
Department:	Submitted By:	Date:	Priority:
Finance/Administration	Scott Smith	July 25, 2018	II
			Project Cost:
			\$22,500

- General Project Description?** The City has recently replaced and upgraded the server/network. This is simply in anticipation of upgrading in the future to newer technology.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Update equipment to current operating standards.
- Is this a replacement item?** Yes
- List name of Firm and price of quotes received.**
Current Upgrade of \$19,868 adjusted for inflation.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$22,500					\$22,500
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$22,500	\$0	\$0	\$0	\$0	\$22,500
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$22,500

Project Title:	New Fire Station		
Department:	Submitted By:	Date:	Priority:
FIRE	Keith Hoyle	July 25, 2018	II
			Project Cost:
			\$4,000,000



- 1. General Project Description?**
Replace existing 10,500 sq. ft. fire station with a 15,000 sq. ft. station to accommodate apparatus bays, training area, crew quarters, equipment maintenance, decontamination, storage, and administrative offices.
- 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?**
Existing facility, built in 1977, does not meet nationally recognized standards for fire stations. The solar heating system has failed, and the building is not energy efficient, resulting in high electrical and heating costs. The "dry-stack" masonry construction will not withstand a minor earthquake event, which would result in major damage to the building and fire apparatus. Construction of an addition would be cost prohibitive, and could result in significant structural complications. Administrative office space is not conducive to modern business practices; shift supervisors do not have adequate office space or the ability to handle confidential personnel matters. Current administration "Chief" Office is located off dispatch center and Administrative Assistant is located within dispatch center. Daily station activity creates high noise levels making it difficult to conduct normal administrative business. The existing facility does not have separate facilities for female employees. There is no approved second means of egress from 2nd floor.
- 3. Is this a replacement item? Yes If NOT, How was the need previously met?**
- 4. List name of Firm and price of quotes received. Still need to obtain new cost estimate.**
Preliminary estimates are based on a comparison of costs and space needs with the Dover FD Liberty North End Fire Station, built in 2008. Additional funds may be necessary to house personnel and equipment during the construction phase on the existing fire station site and for building demolition.
- * Note: The Mayor's advisory committee studied this project and recommended a new station be built.

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							
General Fund			\$200,000				\$0
Bonds/Lease				\$3,800,000			\$200,000
Grant							\$3,800,000
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$200,000	\$3,800,000	\$0	\$0	\$4,000,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$4,000,000

Project Title:	Forestry Vehicle Replacement		
Department:	Submitted By:	Date:	Project Cost:
Fire	Keith Hoyle	July 25, 2018	\$85,000
		Priority:	
		I	

1. General Project Description?

Ford F-350 4X4 and install radio, emergency lighting and graphics.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

Current vehicle is a 1988 military Humvee 4X4 with approximately 115,000 miles which we purchased from another NH Fire Department (some are combat miles in Iraq). It needs frequent repairs and parts are difficult to obtain for this 30 year old vehicle.

Replacement vehicle will have flatbed w/compartments for tool storage, a winch, a pump designed for woodlands usage and a 300 gallon plastic tank (re-used from our current vehicle).

3. Is this a replacement item? YES

If NOT, How was the need previously met? .

4. List name of Firm and price of quotes received.

Based on estimates obtained from Eastern Fire Apparatus and Grappone Ford of Bow.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease	\$85,000						\$85,000
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$85,000	\$0	\$0	\$0	\$0	\$0	\$85,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$85,000

DATA ENTRY FORM #G4

Project Title:	Car 1	Submitted By:	Date:	Priority:	Project Cost:
Department:		Keith Hoyle	July 25, 2018	II	\$45,000
FIRE					

1. General Project Description? Replace 2013 Chevrolet Tahoe 4WD Command Vehicle with 2024 Ford Expedition from state bid list.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

The Command Vehicle (Car 1) will be 10 years old. It is used for COMMAND at all emergency scenes and contains maps, reference materials, contact materials, multiple radios and the Incident Command Board for managing emergency scenes.
Certain hardware will be transferred from the 2013 vehicle into the new vehicle. Price contains emergency warning equipment and lettering.

3. Is this a replacement item? Yes
If NOT, How was the need previously met?

4. List name of Firm and price of quotes received.
State Bid List - Grappone Ford



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease					\$45,000		\$45,000
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$45,000	\$0	\$45,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$45,000

DATA ENTRY FORM #G5


Project Title:		Replace 1995 Pumper - Engine 2		Date:	July 25, 2018	Priority:	I	Project Cost:	\$615,000
Department:		Submitted By:							
Fire		Keith Hoyle, Fire Chief							

1. General Project Description?
 Replace Engine 2 1995 Central States 1250 gpm pumper. Industry standards dictate that all fire apparatus be replaced after 20 years of service. Engine 2 will be 26 years old with well over 50,000 road miles and considerable more engine hours while pumping. The replacement vehicle will be a 1500 gpm pumper similar to our existing 2008 and 2014 pumpers.
 Our current front line pumper, Engine 4 (2014 pumper) will go into second position and Engine 3 will go into reserve status.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
 It is imperative that we provide efficient equipment for our personnel in order to provide effective public safety services for our citizens. We attempt to meet the industry standard of retiring fire apparatus after 20 years of service. With 4 major pieces of equipment, we should be purchasing one every five years.
 Engine 2 has a leaking pump after 23 years of service. Each year now we are putting funds into repairing the pump.

3. Is this a replacement item? YES
IF NOT, How was the need previously met? .

4. List name of Firm and price of quotes received.
 Quotes received from Eastern Fire Apparatus from whom we purchased our last two pumpers.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$615,000					\$615,000
Bonds/Lease							\$0
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$615,000	\$0	\$0	\$0	\$0	\$615,000
Commence FY:	Prior Years' Funding						
	Total Project						\$615,000

Project Title:	Vehicle Mobile Radios			
Department:		Submitted By:	Date:	Priority:
Fire		Keith Hoyle Fire Dept.	July 25, 2018	1
				Project Cost:
				\$37,521

1. General Project Description?

1. General Project Description:
Our mobile radios were purchased in the early 2000's and have reached the end of their useful life. The units in our front-line pumper and the dispatch center have failed this year and need replacing as Motorola no longer makes parts for this model. In FY20, we recommend replacing mobiles in Engine 4 and the aerial ladder along with the dispatch center [\$4666 for apparatus and \$3875 for dispatch] - \$13,107 total. The remaining 6 mobile units have been recommended for replacement in FY21. In addition, the federal government is legislating that Public Safety agencies move from the 100, 400 and 600 radio frequencies to a new 700 series of channels in the next several years. Our existing radios cannot comply with the new frequencies. Replacement cost will be \$4069 per unit (\$24,414).

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

Radio reception and function is a critical safety item for us. We need to be absolutely secure in the operational readiness of our communications equipment.

3. Is this a replacement item? YES
If NOT, How was the need previously met? .


4. List name of Firm and price of quotes received.

4. List name of firm and price of quotes received.
Written quote by two-Way Communications on NH state bid list.

Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund		\$13,107	\$24,414					\$24,414
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$13,107	\$24,414	\$0	\$0	\$0	\$0	\$37,521
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$37,521


DATA ENTRY FORM #G8

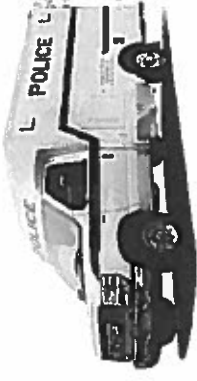
Project Title:	4WD Pickup Truck		
Department:	Submitted By:	Date:	Project Cost:
Fire	Keith Hoyle Fire Dept.	July 25, 2018	\$45,000
		Priority:	
		I	

<p>1. General Project Description? We have a 2005 4WD Ford F-350 4 door pick-up that serves as a Utility truck. Presently it has 39,000 miles on it. It is rusting in the frame area and was overhauled by the DPW in 2015. The replacement vehicle will be from the state bid list and be a 4 door 4WD unit with a plow for winter snow removal (we take the vehicle on emergencies during snowstorms to assist with EMS and fire access). The State bid price is currently is \$41,000. The remaining \$4000 is for emergency warning equipment and lettering.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Currently the 14 year old vehicle is rusting and will have reached the end of its useful life (15 years) with maintenance costs as well as rust on the frame and body increasing.</p> <p>3. Is this a replacement item? Yes If NOT, How was the need previously met?</p> <p>4. List name of Firm and price of quotes received. Grappone Ford estimate and research by DPW mechanic (state bid list vendor for Ford F-350 4WD crew cab with plow)</p>	
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$45,000						\$45,000
Bonds/Lease							\$0
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$45,000	\$0	\$0	\$0	\$0	\$0	\$45,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$45,000

DATA ENTRY FORM #H1

Project Title:		Police Cruiser - Ford Explorer Package						
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Police	Chief David Kretschmar	July 25, 2018	I	\$410,502				
<p>1. General Project Description? This is a rolling replacement program for line cruisers and changeover to Ford Explorer Police Cruisers. -- Even Years (1) Cruiser - Odd Years (2) Cruisers</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? We are a medium sized Department where our police cruisers are utilized 24 hours a day, 7 days a week. Replacing line cars that are at the end of their life cycle maintains fleet integrity and reduces maintenance costs, while contributing to officer safety.</p> <p>3. Is this a replacement item? Yes - Our Marked Fleet consists of: (1) 2017 Ford Explorer, (3) 2016 Ford Explorers, (1) 2013 Dodge Charger, (1) 2011 Chevrolet Caprice and (1) 2016 Ford F150 (Parking Vehicle) If NOT, How was the need previously met?</p> <p>4. List name of Firm and price of quotes received: Per Cruiser Cost: Irwin Ford (2017 State Bid) - \$27,948.00 2 Way Communications - Equipment & Change Over - \$1,957.00 Wayne Chaloux's Signs & Graphix - \$875.00 Motorola - Mobile Radio = \$3,244.00 (if required) Patrol PC - Rugged Laptop, Mounting & E-Ticket Equipment = \$6,500.00 (5 Year Warranty and Install) 2 Way Communications - New Modem/Antenna to Connect to Network - \$1,577.00</p>								
								
Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Yearly Total
Sources:								
General Fund		\$42,101	\$86,728	\$44,665	\$92,010	\$47,385	\$97,613	\$410,502
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$42,101	\$86,728	\$44,665	\$92,010	\$47,385	\$97,613	\$410,502
Commence FY:		Quarter:				Prior Years' Funding	Total Project	
								\$410,502

Project Title:		Evidence Collection Vehicle						
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Police	Chief David Kretschmar	July 25, 2018	II	\$112,252				
<p>1. General Project Description: Evidence Collection Vehicle</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? It is a requirement for police case management and integrity. This will increase the functionality and streamline the processing of major crime scenes for the Criminal Investigations Division. Detectives currently respond to crime scenes with minimal equipment in a gym bag to process these scenes. This vehicle will allow for the proper management of a crime scene, along with having specialized equipment such as lighting, DNA detection, electronic foot impression recovery, video and photo equipment. It will further be equipped with computer equipment to allow for the immediate and proper documentation of evidence collected at the scene.</p> <p>3. Is this a replacement item? No If NOT, How was the need previously met? Officers process the scene and have basic evidence processing equipment in their vehicles. This new vehicle will allow scenes to be processed more efficiently as all of the tools needed will be on scene. It will also ensure the integrity of the evidence processed as there is less likelihood of contamination.</p> <p>4. List name of firm and price of quotes received:</p> <p>SIRCHIE VEHICLES - 106,684.00. Ford E350 Super Duty (most commonly purchased by agencies) Sirchie sells these vehicles at the same pre-negotiated prices with the Federal Government. and includes the better evidence collection tools & equipment and air conditioning.</p> <p>TRUCK EQUIPMENT: MOBILE RADIO: \$3,244.00 (Two Way Communications), LAPTOP: \$ 747.00 (Back Bay Networks) & Modem/Antenna to connect to Network:\$1,577.00 (Two Way)</p>								
								
Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Yearly Total
Sources:								\$0
General Fund		\$0	\$112,252	\$0	\$0	\$0	\$0	\$112,252
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$0	\$112,252	\$0	\$0	\$0	\$0	\$112,252
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$0
								\$112,252

Project Title:	Replacement Undercover Vehicles		
Department:	Submitted By:	Date:	Priority:
Police	Chief David Kretschmar	July 25, 2018	I
			Project Cost: \$98,684



- General Project Description:** Replacement of Undercover Vehicles of various makes and models within stated budget parameters
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth:** Our undercover vehicle fleet consists of (5) vehicles. These vehicles were used when purchased and have considerable mileage and wear. One will be replaced in FY21 and another will be replaced in FY22.
- Is this a replacement item?** Yes
If NOT, How was the need previously met? We have typically replaced our unmarked vehicles piecemeal and on an as needed basis. This will start to formulate a replacement schedule. Our used vehicles were purchased with Forfeiture Funds and JAG Grant Funds. Funding through the forfeiture system has been greatly reduced and is not a guarantee and the JAG Grant no longer allows these types of purchases.
- List name of Firm and price of quotes received:**
 MHQ - Per Mass Bid \$17,490.00.
 2 Way Communication: Quoted \$1,145 for installation of electronics.
 Motorola - \$3,244.00 (if required)
 2 Way Communication - \$1,709.00 New Low Profile front and rear lights, siren and rear window antenna

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Yearly Total
Sources:							
General Fund		\$23,588	\$24,296	\$25,025	\$25,775	\$0	\$98,684
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$23,588	\$24,296	\$25,025	\$25,775	\$0	\$98,684
Commence FY:					Prior Years' Funding	Total Project	
					\$0	\$98,684	

Project Title:	Replacement of One-Ton Dump Truck No. 202		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	September 10, 2018	II
Project Cost: \$80,713			


1. General Project Description: Replace a 2006 Chevy 3500 one-ton truck (Truck No. 202). This truck will be used as a front line plow vehicle and for year round general purpose work. The replacement vehicle will be outfitted with a dump body, stainless steel plow, and one-ton sander. We intend to continue moving toward specifically a heavy duty one-ton (Ford F450 or equivalent) as these have a sturdier frame and higher GVW than the 3500 genre we now have.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Current vehicle has approximately 90,170 miles and will meet its life expectancy by 2019. This vehicle will perform some of the lighter work that the remaining heavy duty one-tons are less suitable for. Replacing with a heavy duty one-ton should reduce the frequency of repairs. Warranty is 36 mths/36,000 mile bumper to bumper "excluding wearable items" and a 5-yr 60,000 mile power train warranty. The diesel engine has a 100,000 mile warranty on it, diesel is more fuel efficient (21 MPG vs. 15 MPG), and continuing with a Ford purchase assures DPW to be more standardized and efficient with the performance of and stocking of parts for scheduled and unscheduled services. By having a Ford citywide fleet, the long term maintenance costs are controlled and better managed.

3. Is this a replacement item? Yes. It would replace vehicle No. 202, a Chevrolet one-ton truck. It will have over 100,000 miles when it is replaced.

4. List name of Firm and price of quotes received. Based on quote 9/2017
Grappone Ford, Cab and Chassis \$46,543
HP Fairfields, out fitting for plow, dump body, central hydraulics, strobe lighting, etc. \$34,170
Total cost \$80,713

Intent is to trade in current vehicle "202" Trade value \$4,000-current trade in value.





Proposed New One-ton dump truck





Existing One-Ton Chevy Dump Truck

	FY20	FY21	FY22	FY23	FY24	FY25	Total
Total Project Funds:							\$0
Sources:							\$80,713
General Fund	\$80,713						\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$80,713	\$0	\$0	\$0	\$0	\$0	\$80,713
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$80,713



Project Title:	Replacement of One-Ton Truck No. 103			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	September 10, 2018	III	\$50,760

<p>1. General Project Description: Replacing foreman Truck 103 a 2008 Chevy 2500 3/4 ton with new Ford F350 1 ton.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Current vehicle 103 will meet its life expectancy by 2021. It currently has approximately 74,503 miles on it and should have about 115,000 by 2021. This vehicle will perform some of the lighter work that the remaining heavy duty 1-tons are less suitable for, and functions as the General Foreman's vehicle. Replacing with a heavy duty Ford F350 will reduce the frequency of repairs. Warranty is 36 months/36,000 mile bumper to bumper "excluding wearable items" and a 5 yr./60,000 mile power train warranty. The diesel engine has a 100,000 mile warranty on it. Diesel is more fuel efficient (21 MPG vs. 15 MPG), and continuing with a Ford purchase postures DPW to be more standardized and efficient with the performance of and stocking for scheduled and unscheduled services. By having a city-wide Ford fleet, the Department can better control maintenance costs.</p> <p>3. Is this a replacement item? Yes. This new truck will take the place of Truck 103 as the general foreman's truck. After evaluating truck body, body will need to be replaced. Boyer's to install Knapheide service body; price includes line-x completed detailed lining.</p> <p>4. List name of firm and price of quotes received. Based on purchase of similar truck - Quote 9/20/2017 -Grappone Ford, Cab and Chassis= \$44,184.94 -Boyer's / Line-x of Southern NH = \$6,575.00 Total cost \$50,759.94</p> <p>-Intent is to trade in current vehicle 103, Trade value \$4,000-current trade in value.</p>	 <p>Proposed New Cab & Chassis to replace existing Foreman's Truck # 103</p> 
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Existing DPW&Utilities Foreman's Truck							
Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease		\$50,760					\$50,760
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$50,760	\$0	\$0	\$0	\$0	\$50,760
Commence FY:	Quarter:						
Prior Years' Funding							\$50,760
Total Project							\$50,760

Project Title:		Combination Plow Truck No. 303						
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Public Works	Michael Bobinsky	September 10, 2018	II	\$170,737				
<p>1. General Project Description: Replacing Truck 303, a 2000 International 4900 Series. This truck is a front line plow/sander truck. The truck will be equipped with carbon steel combo dump body, with an in-body sander. It will also have a switch plow and wing, and standard hydraulic plow controls allowing the driver to direct the snow in a more efficient manner. This truck will also be equipped with on-spots for traction control. This truck will also be used year round for general purpose work in the city. Truck will come with a extended 5 year warranty coverage.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This would replace existing Truck 303 to plow main routes. Continuing with a Peterbilt purchase postures DPW to be more standardized and efficient with the performance of and stocking for scheduled and unscheduled services.</p> <p>3. Is this a replacement item? Yes. Current truck is a 2000 plow truck, which is currently used as a front line plow truck with a dedicated run. Truck 303 has approximately 50,641 miles. New truck will become a front line vehicle. Diesel is more fuel efficient (15 MPG vs. 8 MPG)</p> <p>4. List name of Firm and price of quotes received. Received Quotes on 9/20/2017 -NH Peterbilt Cab and Chassis assembly \$98,262 -HP Fairfield \$72,475 Plow Wing, Sander, Dump body, Controls, Tarp system, lighting, On-Spots, Hydraulic Plumbing and installation. Total Cost: \$170,737 -Intent is to Trade in, value on truck 303 is \$6,500, current trade in value.</p>								
 								
Existing 6-Wheeled Dump Truck #303								
Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$170,737						\$170,737
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$170,737	\$0	\$0	\$0	\$0	\$0	\$170,737
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$170,737

Project Title:	3 Ton Asphalt Recycler & Hot Box Trailer				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	September 10, 2018	II	\$36,848	

<p>1. General Project Description: To purchase a 3 Ton Asphalt Recycler & hot box Trailer</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? By buying this unit we will have the ability to keep hot asphalt on site for road repairs throughout the City. We will be able to pre-load the day before, which adds more time for workers on the road making repairs. Also, by saving the unused asphalt, instead of dumping unused material, we will save money by getting the use of a full load instead of a partial load. This Machine will also recycle old tailing and grindings to be reused on road repairs.</p> <p>3. Is this a replacement item? No. Currently we use DPW one ton's to do most patch work on roads in town. We get material from Brox in Rochester. After getting material we tarp it and, depending on weather, we have limited time to get material down. With this hot box we will be able to hold material if not used. Originally placed item up into FY19 to be used with skid steer and high flow cold planer purchased in CIP for FY19 to insure proper road repairs are being made to extend life of city streets. Now projected for FY24.</p> <p>4. List name of Firm and price of quotes received. -Quoted on 9/20/2017 in 2017 dollars -HP Fairfields Trailer assembly Total Cost: \$36,848</p>	 <p>Proposed New Hot Box Asphalt Reclaimer Trailer</p>  <p>Currently Applying Temporary Cold Patch from rear of dump truck</p>				
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund						\$36,848	\$36,848
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$36,848	\$36,848
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$36,848

Project Title:	Replacement of 2008 John Deere Loader 503			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	September 10, 2018	III	\$127,160


1. General Project Description: Purchase a new front end loader to be used as a front line plow vehicle and front line snow removal vehicle also for everyday usage throughout City on big digging jobs and general use.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Continuing with a John Deere loader purchase postures DPW to be more standardized and efficient with the performance of and stocking of parts for scheduled and unscheduled services to both loaders. The old plow equipment can be reused. By having the plow equipment reused from the old loader, it will save the City the added expense of buying new plow equipment for the new loader.


3. Is this a replacement item? Yes. By replacing Loader 503 at its 10 to 12 year age the City will not be experiencing heavy maintenance repairs that may arrive unexpectedly, also by trading equipment in at the 10 to 12 year age the City will get a better trade value. Loader 503 was purchased in late 2007.

4. List name of Firm and price of quotes received.
 -Nortrax Equipment \$177,160
 -Current trade in value -\$50,000
Total cost: \$127,160

Quote includes Nortrax's to remove plow equipment from old loader and install in new equipment.
 -Quote for trade in as of 2018 will need to be revaluated at time of purchase.



Proposed New John Deere Front-End Wheeled Loader



Existing John Deere Front-End Loader

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund				\$127,160			\$127,160
Bonds/Lease							\$0
Grant							\$0
Water Fund							\$0
Sewer Fund							\$0
				\$0	\$0	\$0	\$127,160
Totals	\$0	\$0	\$0	\$127,160	\$0	\$0	\$127,160
Commence FY:						Prior Years' Funding	
						Total Project	\$127,160

Project Title:	Addition of sidewalk tractor		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	September 10, 2018	I
			Project Cost:
			\$170,575

1. General Project Description: New sidewalk tractor to purchase - a Chameleon sidewalk tractor for DPW. This will be used as a front line sidewalk plow, removal and treating vehicle; also year round use with brush cutting and sweeping during non winter season.

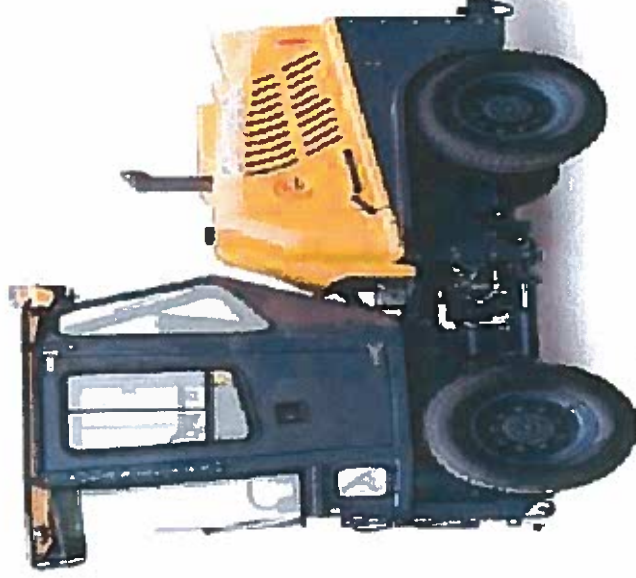
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This machine is made in Canada and parts can be bought locally or within New England. Also, with an adaptor plate (included in quote) this machine will take all current sidewalk attachments the Department currently has and results in additional savings from avoiding unnecessary purchases for accessories.

3. Is this a replacement item? No. This will be an addition to the fleet, which is made up of two Holder tractors and one Caterpillar skid steer. This will allow DPW to service the new sidewalks that have been added on Indigo Hill Road and on Stackpole Road at the Sunningdale Residential Development which will require snow clearing. In addition, upgraded sidewalks will be built on High Street from W. High St to Memorial Drive increasing service expectations during winter operations.

4. List name of firm and price of quotes received.

-Donovan Equipment Tractor with plates **Total Cost: \$170,575**


-Staff is also conducting research on different manufactures of sidewalk tractors that are available and what product type is used by surrounding communities.



Proposed New Sidewalk Tractor

Total Project/Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund				\$170,575				\$170,575
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$170,575	\$0	\$0	\$0	\$170,575
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$170,575

Project Title:	Emergency Generator - Public Works			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	September 10, 2018	III	\$53,045

<p>1. General Project Description: Purchase and install an on-demand emergency generator, with automatic transfer switch at the Public Works Facility to ensure that facility is fully capable to support the public during power outages and emergencies.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Public Works personnel are expected to be on duty and provide services to the community during a weather related emergency. (e.g. floods, wind storms, ice storm, snow storms, etc.) Recent experience has shown that these emergencies are frequently accompanied with extended power outages. Without power during emergencies, DPW personnel cannot function efficiently and vital equipment cannot be repaired when it is frequently needed most. Telephones, heat, and support equipment can not function either during a period of need.</p> <p>3. Is this a replacement item? No. IF NOT, how was the need previously met? Small inadequately-sized portable generators were diverted from the field to provide skeleton services at facility.</p> <p>4. List name of Firm and price of quotes received. Price Quote from Paquette and Howard - Plaistow NH 10/2013, updated price to include 3% price increase.</p> <p>-Staff to continue to pursue State Emergency Management Funds for this purchase.</p>					
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$53,045					\$53,045
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$53,045	\$0	\$0	\$0	\$0	\$53,045
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$53,045

Project Title:	Pavement Management Program	
Department:	Submitted By:	Date:
Public Works	Michael Bobinsky	September 10, 2018
	Priority:	Project Cost:
	1	\$1,300,000 per year

1. General Project Description: In Spring 2014, the condition of approximately 50 miles of City-maintained paved roads was evaluated using a GPS-linked mobile vehicle equipped with 3D and laser imaging cameras. The pavement condition imaging data was linked to the City's GIS roadway centerline maps to pinpoint defects in the paved surfaces. The Contract City Engineer and Public Works staff ran the data through a pavement optimization program to develop a long-term pavement management plan for the City. The program assigned a pavement condition index to the paved road segments using a scale from 100 (new pavement) to 0 (dirt road). The City's road network average PCI is approximately 55 (a target PCI = 70 is optimal); right now we fall below an optimal level. The program applies local costs to pavement preservation, resurfacing, and reconstruction.

As of 2014, the pavement assessment ratings indicated that there are:

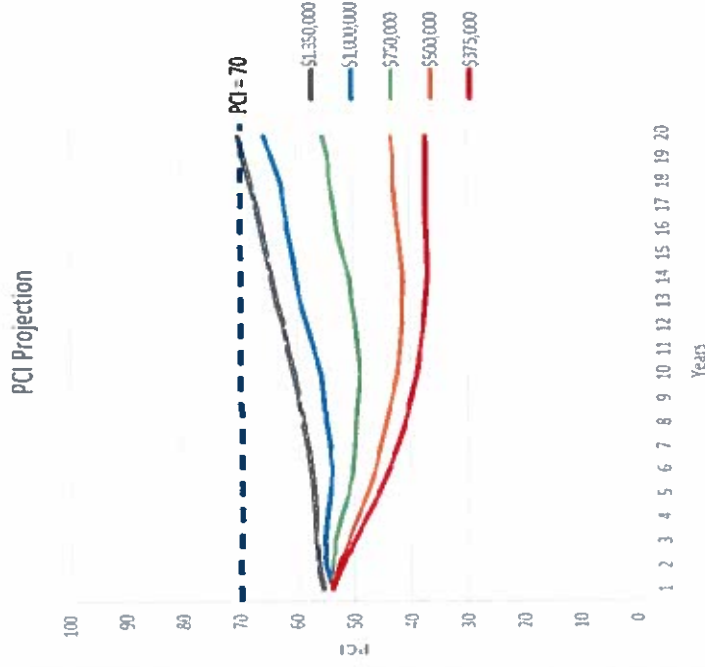
- 16 road-miles in need of preservation or routine maintenance;
- 22 road-miles in need of resurfacing; and
- 12 miles needing complete reconstruction.

Since the 2014 assessment was conducted, the city has invested \$3,950,000 to repave 11 road miles.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Implementation of the annual pavement management program will preserve, resurface, or reconstruct deteriorated city-maintained paved roads to provide safe access throughout the City for residents and businesses.

3. Is this a replacement item? This is a maintenance item that is in addition to other utility, sidewalk, and roadway improvement work in the City.

4. List name of Firm and price of quotes received. An investment of \$1,300,000 is recommended in order to have an impact on the City road network.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							
General Fund	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
Bonds/Lease							\$0
Grant							\$0
Water Fund							\$0
Sewer Fund							\$0
Totals	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
Commence FY:							
Quarter:							
					Prior Years' Funding	Total Project	\$7,800,000



Project Title:		Expansion of DPW Building	
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	September 10, 2018	II
Project Cost:		\$225,000	

1. General Project Description: To expand the DPW Building to accommodate current and new equipment purchased for the Highway Division of Public Works & Utilities.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The expansion will store all equipment for the Highway Division of Public Works inside from all weather conditions, resulting in longer vehicle life, less downtime as compared with outside storage.

3. Is this a replacement item? No.


4. List name of firm and price of quotes received.
 -Average construction price of \$40 per square foot is based on the cost of standard steel building additions, plus foundations, electrical, lighting and required site plan permitting and engineering costs. Information on pricing came from Butler Building Supply, Ross Group and Olympia Steel Building Supply.
 -Considering an expanding the building 40 feet wider with new roof, over head door and walk in main doors.
 -Proposed design and engineering to be completed in FY2023, and construction in FY2024.
 -Used a typical cost per square foot for an expansion of approximately 5,000 sq. ft. @ estimated cost of approximately \$40/sq. ft. results in a cost of \$200,000, design and engineering costs of approximately \$25,000.

Proposed DPW&Utilities Apparatus Garage Expansion

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund				\$25,000	\$200,000		\$225,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$25,000	\$200,000	\$0	\$225,000
Commence FY:				Prior Years' Funding			
				Total Project			\$225,000

Project Title:	Forest Glade Cemetery - Furber Memorial Chapel Restoration		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	September 10, 2018	II
		Project Cost:	\$184,500

<p>1. General Project Description: Project involves the preservation of the Furber Chapel at Forest Glade Cemetery. The City received a NH Preservation Alliance Grant to hire an outside building consultant to prepare a condition report of the chapel with recommendations for improvement. Project has involved the Cemetery Trustees as well.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?</p> <p>The project will preserve the chapel and address building condition concerns including repairing the north wall stonework, slate roof replacement and exterior masonry repointing.</p> <p>3. Is this a replacement item? No</p> <p>4. List name of Firm and price of quotes received.</p> <p>Building Condition report was prepared by Groundroot Preservation; report is dated May 2018.</p> <p>Cost estimate for recommended improvements after inflation to FY2026: -Repair north wall stonework: \$61,500 -Replace slate roof and flashing: \$74,000 -Exterior masonry repointing: \$49,000</p>		
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund						\$184,500	\$184,500
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$184,500	\$184,500
Commence FY:	Quarter:			Prior Years' Funding			\$184,500
						Total Project	

Project Title:	District Wide - HVAC, Ventilation Design, Plan & Specifications		
Department:	Submitted By:	Date:	Project Cost:
DW-90	Andy Lucier	Sep-17	\$600,000
		I	

Project Description:
 Replace ventilation system. Existing system is a pneumatic system with little to no control. Parts are no longer available for this system. Numerous freeze ups over the winter have caused classrooms not to have heat. If event in cafeteria entire building must be heated. There is no way of isolating zones.

Is this a replacement item? Yes

If NOT, How was the need previously met?

Replacement will improve energy efficiency, allow remote access. Should pay for itself within three years with reduced costs due to energy efficiency. Will allow for remote control and zone heating.

Quotes received:

Hanson-Fox Estimate


Building Aid? No Percent Reimbursable? 0%



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$600,000
Commence FY:	Quarter:		Prior Years' Funding			Total Project	\$600,000

DATA ENTRY FORM #K2

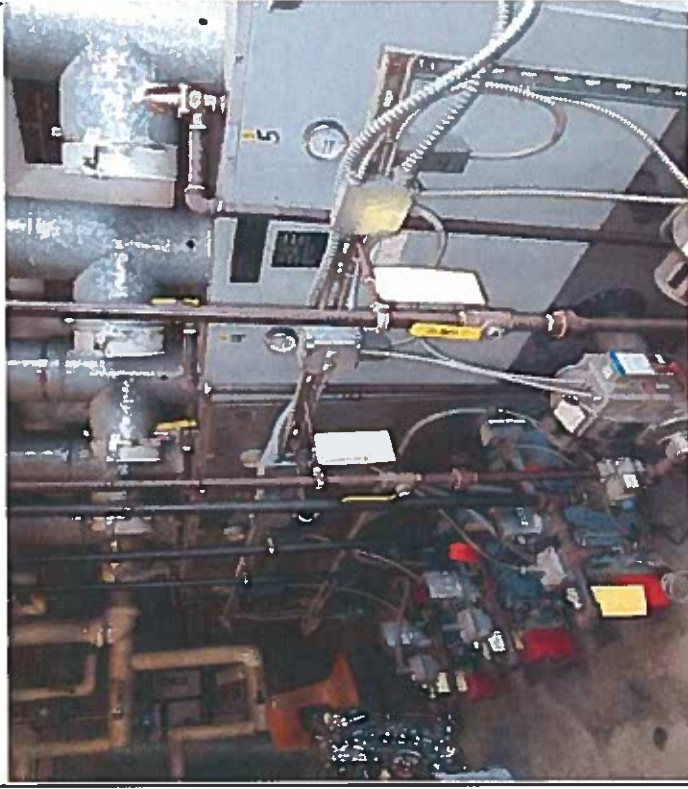
Project Title:	High School - Asbestos Flooring Replacement		
Department:	Submitted By:	Date:	Priority:
HS-31	Victor Sokul	Sep-17	I
			Project Cost:
			\$214,000

<p>Project Description:</p> <p>OBJECTIVE: Remove existing vinyl asbestos tile (VAT) flooring. High School approximately 36,400 sq. ft..</p> <p>Is this a replacement item? NO If NOT, How was the need previously met?</p> <p>SOLUTION: Strip VAT flooring and replace with new vinyl composition (VCT) tile flooring.</p> <p>Quotes received: Harriman Estimate - Revised April 2013</p> <p>Building Aid? No Percent Reimbursable? 0%</p>	
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$53,500	\$53,500	\$53,500	\$53,500	\$0		\$214,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$0	\$214,000
Commence FY:	Quarter:			Prior Years' Funding			
				Total Project			\$214,000

DATA ENTRY FORM #K3

Project Title:	Middle School - Replace Boilers and Controls 1 through 5			
Department:	Submitted By:	Date:	Priority:	Project Cost:
MS-21	Andy Lucier	Sep-17	I	\$400,000

<p>Project Description: Replace Middle School boilers and controls</p> <p>OBJECTIVE: Energy efficient units with controls</p> <p>Is this a replacement item? Yes If NOT, How was the need previously met? Old boilers.</p> <p>SOLUTION: This project will improve service and lower operating cost to the City of Somersworth</p> <p>Quotes received: Best estimate at this time is \$400,000</p> <p>Building Aid? No Percent Reimbursable? 0%</p>	
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Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund		\$100,000	\$100,000	\$100,000	\$100,000			\$400,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$400,000
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$400,000

Project Title:	Middle School-Elevator Replacement		
Department: MS-21	Submitted By: Andy Lucier	Jul-18	Priority: Project Cost: \$300,000

Project Description:
The elevator in the middle school has been failing for some time causing staff members and students to be stuck inside. The district has been getting replacement parts and making repairs but these are only temporary fixes and are no longer working.

OBJECTIVE:
Replace the existing failing elevator with a new elevator.

Is this a replacement item? Yes
If NOT, How was the need previously met?

SOLUTION:
Move the elevator from the existing location to a new location with new shaft.

Quotes received:


Building Aid? No Percent Reimbursable? 0%



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$300,000						\$300,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
Commence FY:	Quarter:				Prior Years' Funding	Total/Project	\$300,000

DATA ENTRY FORM #K5

Project Title:	Maple Wood - Bathroom Renovations			
Department:		Submitted By:	Date:	Priority:
MW-13		Andy Lucier	Sep-17	II
				Project Cost:
				\$370,000

<p>Project Description:</p> <p>OBJECTIVE: Renovate student's restrooms in both wings (4 total) to comply with ADA (Americans with Disabilities Act).</p> <p>Is this a replacement item? No If NOT, How was the need previously met?</p> <p>SOLUTION: Re design the restroom facilities as required to comply with ADA.</p> <p>Quotes received: Harriman Estimate September 2011</p> <p>Building Aid? No Percent Reimbursable? 0%</p>	
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Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease			\$370,000					\$370,000
Grant								\$0
Enterprise/Fund								\$0
Other								\$0
Totals		\$0	\$370,000	\$0	\$0	\$0	\$0	\$370,000
Commence FY:		Quarter:			Prior Years' Funding		Total Project	\$370,000

Project Title: Middle School - Repairs to Exterior walls of 1962 Section & Doors		Priority: Project Cost: \$38,000
Department: MS-21	Submitted By: Dana Hilliard	Sep-17 IV

Project Description:
The original wing was constructed in 1962 utilizing construction practices at that time. There are no weep slots or air barriers, causing the facade to "bulge" away from the building. Windows will also need to be replaced.


OBJECTIVE:
Replace remaining brick veneer that is sprawling off East Elevation, first floor. **Replace doors with energy efficient doors.** East stair well replace and repair frame/glass. Replace and/or repair exterior doors. See and layout of windows pending Middle School Grade reconfiguration.
This project expenditure will improve service, productivity, or lower operating cost to the City of Somersworth as follows:

A. Extend the life of structure.
B. Remove a safety hazard.
C. Reduce heating/cooling costs.

Is this a replacement item? Renovation
If NOT, How was the need previously met?

SOLUTION:
Remove existing brick and clean substrate. Provide **new doors** to match on same elevation.

Quotes received:
Harriman Estimate - Revised September 2011
Building Aid? No **Percent Reimbursable? 0%**



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$38,000						\$38,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$38,000	\$0	\$0	\$0	\$0	\$0	\$38,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$38,000

Project Title:	Middle School - Repairs to Exterior walls of 1962 Section Windows		
Department: MS-21	Submitted By: Dana Hilliard	Sep-17	Priority: IV
		Project Cost: \$95,000	

Project Description:

The original wing was constructed in 1962 utilizing construction practices at that time. There are no weep slots or air barriers, causing the facade to "bulge" away from the building. Windows will also need to be replaced.

OBJECTIVE:

Replace remaining brick veneer that is sprawling off East Elevation, first floor.

Replace windows with energy efficient windows. East stair well replace and repair frame/glass. Replace and/or repair exterior doors. See and layout of windows pending Middle School Grade reconfiguration.

This project expenditure will improve service, productivity, or lower operating cost to the City of Somersworth as follows:

- A. Extend the life of structure.
- B. Remove a safety hazard.
- C. Reduce heating/cooling costs.

Is this a replacement item? Renovation

If NOT, How was the need previously met?

SOLUTION:

Remove existing brick and clean substrate. Provide new windows to match on same elevation.

Quotes received:

Harriman Estimate - Revised September 2011

Building Aid? No **Percent Reimbursable? 0%**



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund		\$95,000					\$95,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
	Totals	\$0	\$95,000	\$0	\$0	\$0	\$95,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$95,000

DATA ENTRY FORM #K9

Project Title:	Middle School - Re-Hab Bathrooms/Including ADA Imp	
Department: MS-21	Submitted By: Andy Lucier	Priority: V
	Sep-17	Project Cost: \$416,000

Project Description:
The rehabilitation of the bathrooms is a top priority of the administration. These bathrooms have not been renovated and upgraded since the days of original construction.

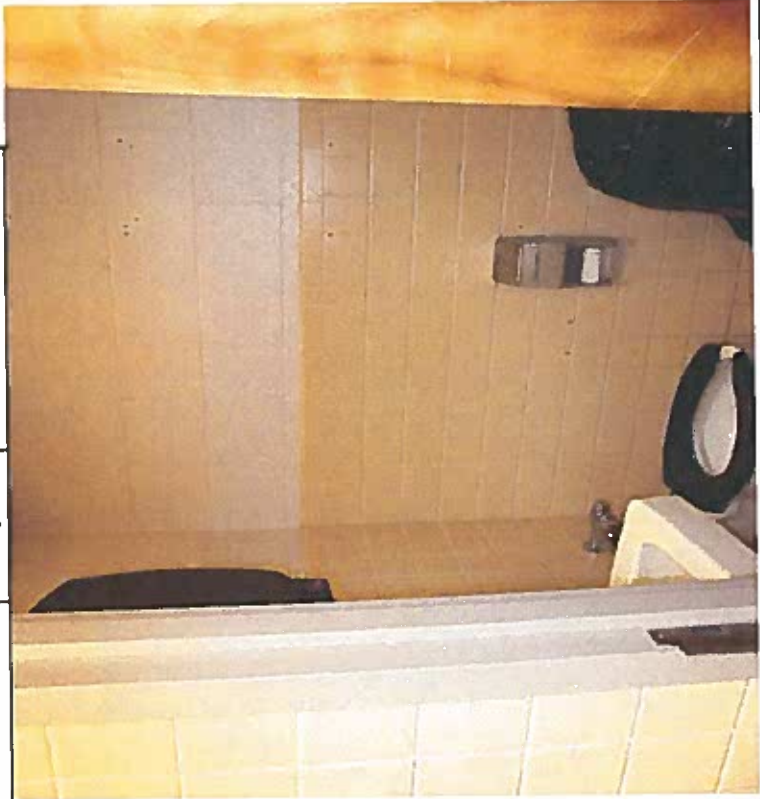
OBJECTIVE:
Renovate the students and staff restroom facilities on the first and second floors to comply with ADA (Americans with Disabilities Act).

Is this a replacement item? Yes
If NOT, How was the need previously met? Old bathrooms.

SOLUTION:
Re design the restroom facilities as required to comply with ADA.

Quotes received:
Harriman Estimate - Revised September 2011

Building Aid? No **Percent Reimbursable? 0%**



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund			\$416,000				\$416,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$416,000	\$0	\$0	\$0	\$416,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$416,000

Project Title:	District Wide- New Maintenance Truck with Plow		
Department: DW-90	Submitted By: Andy Lucier	Jul-18	Priority: V
		Project Cost: \$37,997	

Project Description:

The existing maintenance truck is a 2008 Ford F250 3/4 ton truck with 34,191 miles. The district is in need of a truck with a plow in order to plow certain areas in and around the schools. Currently, a personal plow is being used.

OBJECTIVE:

The district would like to purchase a new maintenance truck that will be used for maintenance work as well as plowing in and around the school.

Is this a replacement item? Yes

If NOT, How was the need previously met?

SOLUTION:

Replace the existing maintenance truck with a new truck with plow.

Quotes received:

Grappone Ford

Building Aid? No

Percent Reimbursable? 0%



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund						\$37,997	\$37,997
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$37,997	\$37,997
Commence FY:					Prior Years' Funding		
					Total Project		\$37,997

Project Title:	District Wide-Special Education Van Replacement		
Department: DW-90	Submitted By: Andy Lucier	Jul-18	Priority: Project Cost: \$35,000
			V

Project Description:

The district currently owns a Handicapped Special Education Van that is used to transport special education students. The van is a 2010 Dodge Caravan with 14,645 miles.

OBJECTIVE:

The district would like to purchase a new Handicapped Special Education Van to be used to transport special education students.

Is this a replacement item? Yes

If NOT, How was the need previously met?

SOLUTION:

Replace the existing Special Education Van with a new van.

Quotes received:

Estimate

Building Aid? No Percent Reimbursable? 0%



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund						\$35,000	\$35,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
Commence FY:						Prior Years' Funding	
						Total Project	\$35,000

Project Title:	Middle School-Asphalt Repairs/Paving		
Department: MS-21	Submitted By: Andy Lucier	Jul-18	Priority: V
		Project Cost: \$70,000	

Project Description:
The asphalt in the back of the middle school is cracking and wearing away and needs to be replaced.
OBJECTIVE: To remove the existing asphalt and repair and repave the road behind the middle school



Is this a replacement item? Yes
If NOT, How was the need previously met?

SOLUTION:
Dig up the existing asphalt and repair and repave the road behind the middle school

Quotes received:
Estimate
Building Aid? No **Percent Reimbursable? 0%**

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund						\$70,000	\$70,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$70,000	\$70,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$70,000

Project Title:	Water Main: Main Street from Indigo Hill Road to Wildflower Circle, and Daniel Street		
Department:	Submitted By:	Date:	Priority:
Water	Michael Bobinsky	September 10, 2018	II
			Project Cost:
			\$1,447,900

1. General Project Description: A replacement of the 8" water main on Main St. from Indigo Hill Road to Wildflower Circle and all of Daniel Street (approximately 5,200 feet). Wright Pierce completed a water distribution study in 2013 for the City of Somersworth in which this was the number one maintenance priority for improvement to the distribution system. Funding for year 2022 will be for engineering design and bidding preparation, with construction in FY 2023.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This water main has had several water breaks due to age and corrosion. This main is approximately 120 years old. This area has been averaging two breaks per year in recent years.

3. Is this a replacement item? Yes.

4. List name of Firm and price of quotes received.
Dubois & King estimates all main replacement and associated services, hydrants and valves at \$240 per foot (and inflated 5 years at 3% to \$270 per foot). The replacement pipe will be cement lined ductile iron pipe (CLDIP) and shall be sleeved in poly to prevent future corrosion.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund			\$125,700	\$1,322,200			\$1,447,900
Other							\$0
	Totals	\$0	\$125,700	\$1,322,200	\$0	\$0	\$1,447,900
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$1,447,900

DATA ENTRY FORM #L2

Project Title:	Noble Pines (Hamilton St) Water Tank Rehabilitation		
Department:	Submitted By:	Date:	Priority:
Water	Michael Bobinsky	September 10, 2018	II
			Project Cost:
			\$3,100,000

1. General Project Description? In 2013, City performed a comprehensive water distribution evaluation using Wright-Pierce. Wright-Pierce recommended that the existing 120-year old water tank be replaced with a tank that has all the storage elevated rather than the current standpipe design. It was also recommended that an evaluation of the Hilltop area be performed to identify whether there is a more suitable location in the Hilltop area for the new water storage tank. The proposed expenditure for FY-2020 is to conduct the study and design the new tank. It is estimated that a new elevated storage tank will cost \$2.5 million and should be constructed around 2022. The construction will be budgeted in FY-2022.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Elevating the water storage will provide the city with more reserve water than the current standpipe design and will improve long term fire flow pressures and duration in the hilltop and downtown areas where it is needed most.

3. Is this a replacement item? No
If NOT, How was the need previously met?

4. List name of Firm and price of quotes received.
Cost estimate based on Wright-Pierce's report dated February 2013 and inflated 3% per year to FY2022



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund	\$100,000		\$3,000,000				\$3,100,000
Other							\$0
Totals	\$100,000	\$0	\$3,000,000	\$0	\$0	\$0	\$3,100,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$3,100,000

Project Title:	Water Distribution Improvements: Indigo Hill Road - Main Street to Rita Road		
Department:	Submitted By:	Date:	Priority:
Water	Mike Bobinsky	September 10, 2018	II
			Project Cost:
			\$1,400,000

1. General Project Description:
Replacement of undersized and over 100-year old pipe (approximately 2600 ft) under Indigo Hill Road between Main Street and Rita Road, and under River Street between Indigo and Buffumville Roads. This was ranked as the No. 2 distribution system improvement priority in the Wright-Pierce distribution system evaluation completed in Feb. 2013. This will upgrade the water main from a 100+ year old 6" main to a new 12-inch main. Estimated construction cost (FY2025) is \$920,000 with engineering funded in FY2018 at \$120,000.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
The water distribution system in this area is over 100 years old and is prone to leaks and breaks. Additionally the water pressures in this area are high, making breaks and interruptions more likely in the future. This project will also improve fire flows in the area.

3. Is this a replacement item? Yes

If NOT, how was the need previously met?

4. List name of Firm and price of quotes received.

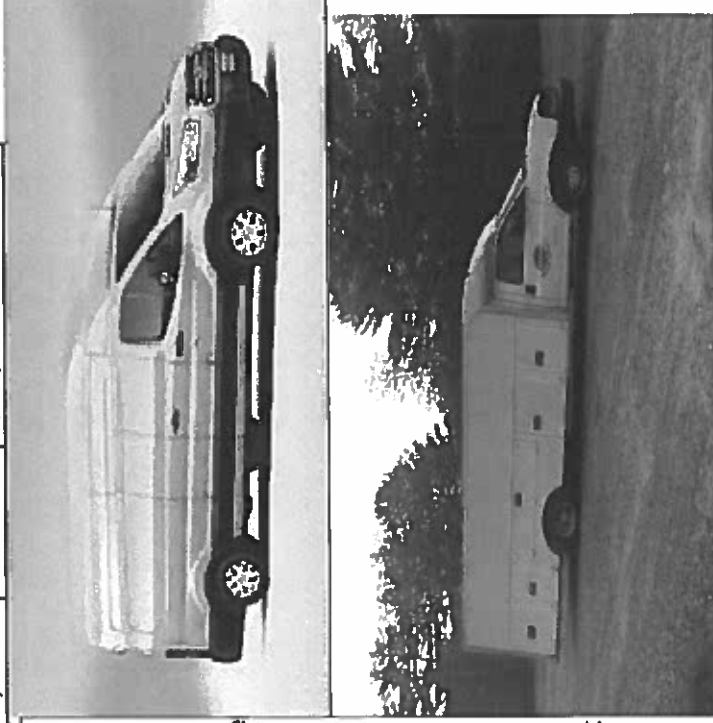
Estimates are from Wright-Pierce's report dated February 2013 and include an estimated inflation of 3% per year. Funds are also being considered for sewer, drainage, and pavement improvements.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund					\$160,000	\$1,240,000	\$1,400,000
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$160,000	\$1,240,000	\$1,400,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$1,400,000

Project Title:	Replacement Truck for Water Distribution - Truck 903		
Department:	Submitted By:	Date:	Priority:
Water	Michael Bobinsky	September 10, 2018	II
			Project Cost:
			\$50,917

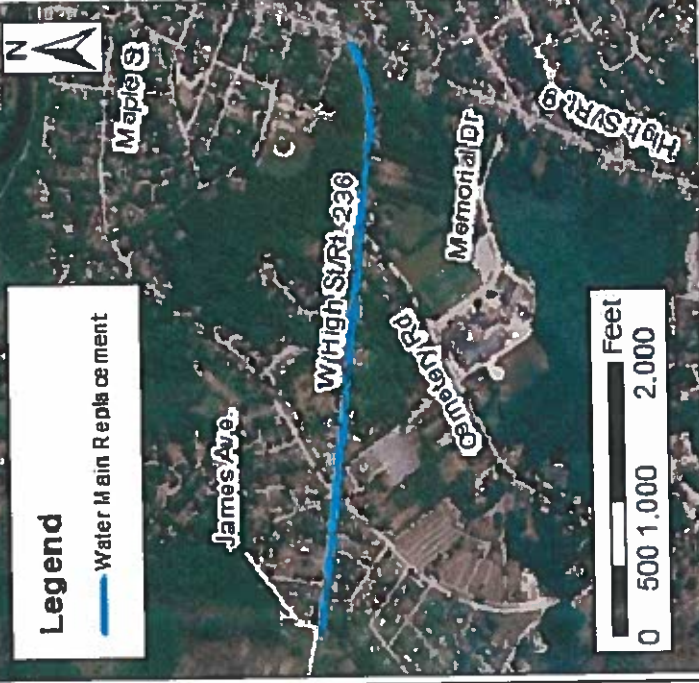
- General Project Description:** Purchase a replacement utility vehicle for water distribution. This vehicle is primarily used for water emergencies and construction projects. It is also utilized for some service calls, collecting water meter data monthly, and other distribution maintenance activities.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This will replace Vehicle 903, which is a 2010 Chevy 4500 Utility Van. While the Chevy van is serving the division well for all services and is the primary emergency response vehicle it will eventually need to be replaced in order to provide reliable services to the community into the future. Current mileage on the van is 62,264.
- Is this a replacement item?** Yes. It will replace 2010 Chevy 4500 Van that is currently used by the Distribution Division.
- List name of Firm and price of quotes received.** Grappone Ford \$46,040, Bill Dube Ford \$43,840. Average quote is \$44,940. An inflationary value of 3% per year has been added to the vehicle cost. Picture at right represents what we seek to purchase, but all vehicles will be assessed for energy efficiency.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund				\$50,917			\$50,917
Other							\$0
Totals	\$0	\$0	\$0	\$50,917	\$0	\$0	\$50,917
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$50,917

DATA ENTRY FORM # L5

I	Water Main: West High - High Street to James Ave.
Department:	Submitted By: Michael Bobinsky
Water	Date: September 10, 2018
	Priority: II
	Project Cost: \$1,242,300



- General Project Description:** Replacement of undersized and over 80-year old piping (approximately 4,500 ft.), and associated hydrants and services under West High Street. This will upgrade a distribution main from a 6" main to a 10-inch main.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** The water distribution system in this area is over 80 years old. The 2013 Wright-Pierce Water Distribution Study recommended this main be placed in the CIP, Intermediate-Term Improvements 2020-2027. Additionally this improvement would increase fire flows in the area.
- Is this a replacement item?** Yes
- List name of Firm and price of quotes received.** Engineering estimates for year 2024 are from the Wright-Pierce study completed in 2013 for a similar project schedule for 2019 plus 3% each year for inflation X 4 years = 2024 estimated cost of \$130,800. Pipe install and trench patch estimate uses average 2017 price provided by Dubois & King of \$240 per foot plus 3% for inflation X 6 years = 2025 estimated cost of \$278.00 per foot.

Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$130,800	\$1,111,500	\$1,242,300
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$130,800	\$1,111,500	\$1,242,300
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$1,242,300

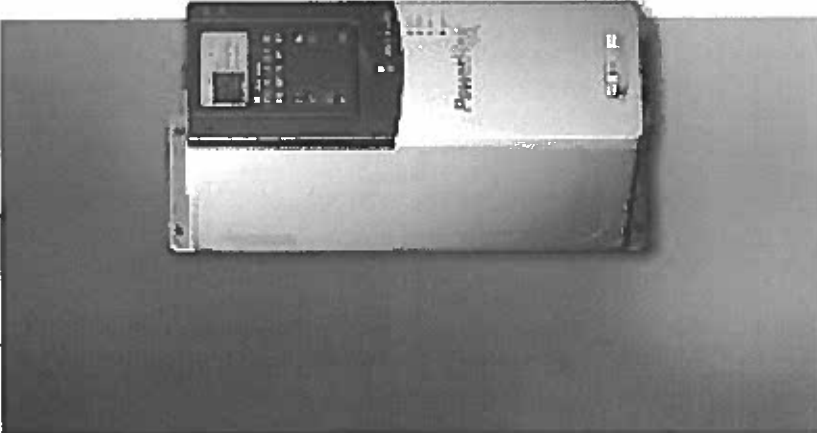
Project Title:	Raw Water Variable Frequency Drive Controllers				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Water	Michael Bobinsky	September 10, 2018	II	\$75,000	

1. General Project Description: Replacement VFD for raw water pumps at the water treatment plant. This would be the installation of the 2 new controllers into the existing cabinet's. Also would include software updates to connect to the SCADA system.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The raw water Variable Frequency Drives are the controllers that operate the raw pumps to bring water from the river to the treatment plant. These replacement controllers would allow the new raw pumps that were installed in 2016 to operate at maximum capability. These controllers have an approximate 15 year service life and we would be beyond this.

3. Is this a replacement item? Yes

4. List name of Firm and price of quotes received. Electrical Installations Incorporated of Moultonborough, NH provided this quote. This is the company that completed the original installation during the 2007 Water Treatment Plant upgrade. The estimate came in at \$64,900 with 15% increase over 5 years the total will be \$75,000.



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$75,000
Totals	\$0	\$0	\$0	\$0	\$75,000	\$0	\$75,000
Commence FY:	Quarter:	Prior Years' Funding				Total Project	\$75,000

DATA ENTRY FORM #M1

Project Title:	Phase II - Upgrade		Date:	September 10, 2018	Priority:	III	Project Cost:	\$7,778,000
Department:	Submitted By:							
Sewer	Michael Bobinsky							


1. General Project Description:
 This upgrade addresses medium/low priority items through out the facility buildings and grounds. Examples include:
 Disinfection upgrade - \$2,270,000
 Upgrade both existing secondary clarifiers - \$800,000
 Upgrade West High St pump station - \$50,000
 More detailed information can be found within the facility plan.
 *This project is eligible for SRF funding.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
 This will renew the overall life expectancy of facility processes and equipment.

3. Is this a replacement item? Yes, many of the items outlined within Phase II will be replaced and those that are not will be refurbished.

4. List name of Firm and price of quotes received.
 Cost estimates are based on the Wright Pierce Comprehensive Wastewater Treatment Facility Plan dated August, 2017. This plan outlines a total of \$30 million dollars in improvements.

****Significant savings were achieved by cutting out several high priced items which likely won't be needed within 10-years. This includes: odor control - \$1.07M, adding a third aeration train - \$6.36M, replace existing centrifuge - \$1.03M, replace effluent filter system - \$1.07M. This amounts to \$9.53M in savings.**



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease					\$7,778,000		\$7,778,000
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$7,778,000	\$0	\$7,778,000
Commence FY:	Prior Years' Funding						
	Total Project						\$7,778,000

Project Title:	Portable Vacuum Unit		
Department:	Submitted By:	Date:	Priority:
Sewer	Michael Bobinsky	September 10, 2018	I
			Project Cost:
			\$68,450

1. General Project Description: Truck mounted vacuum unit for sewer cleaning.
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This unit is planned to address cleaning sewer lines, plugged sewer manholes and addressing emergency conditions. The equipment is proposed to be skid mounted and installed on the back of an existing 6 wheel dump truck for ease with access and operations. Various tank sizes and mounting options exist for these attachments. Staff considered a 500 gallon and an 800 gallon unit. After review, it is recommended we go with a 500 gallon tank portable power vacuum cleaner to enhance maintaining sewer lines and responding to isolated sewer main blockages.
3. Is this a replacement item? No, this is a new unit
4. List name of firm and price of quotes received.
- HP Fairfield, New Hampshire Center


500 gallon: \$68,450



Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund				\$68,450			\$68,450
Other							\$0
Totals	\$0	\$0	\$0	\$68,450	\$0	\$0	\$68,450
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$68,450


DATA ENTRY FORM #N3

Project Title: Cemetery Road Reconstruction			
Department:	Submitted By:	Date:	Priority:
Complete Streets	Michael Bobinsky	September 10, 2018	II
			Project Cost:
			\$3,788,850

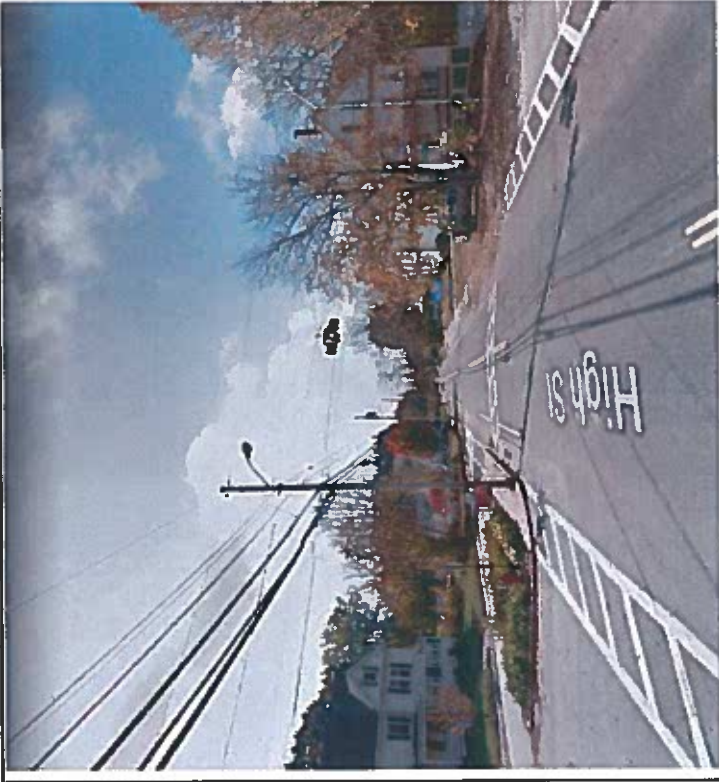
<p>1. General Project Description: Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, and reconstructing the roadway surface along Cemetery Road from Maple Street to West High Street. This project is under design at this time and preliminary opinions of costs have been received by Wright-Pierce. Staff plans to link this project with the TAP grant sidewalk project for Cemetery Road which is under design at this time as well with CMA Engineers.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Improvements will result in reducing or eliminating water or sewer line breaks, improved pedestrian access, reduced pedestrian and vehicle accidents, address drainage issues and improve commuter use of this segment of Cemetery Road.</p> <p>3. Is this a replacement item? Yes. If NOT, how was the need previously met?</p> <p>4. List name of Firm and price of quotes received. Conceptual level opinion of cost developed by Wright-Pierce in August 2018. Includes a 30% contingency factor to account for design unknowns.</p> <p>-Road, Drainage, Sidewalk, engineering: \$1,970,202 -Water System Improvements: \$ 757,770 -Sewer Line Replacement: \$ 1,060,878</p>	
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund	\$1,970,202						\$1,970,202
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund	\$1,818,648						\$1,818,648
Other							\$0
Totals	\$3,788,850	\$0	\$0	\$0	\$0	\$0	\$3,788,850
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$3,788,850

DATA ENTRY FORM #N4

Project Title:		Constitutional Way Reconstruction						
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Complete Streets	Michael Bobinsky	September 10, 2018	II	\$1,055,230				
<p>1. General Project Description: Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, install new sidewalks and reconstruct roadway surface along Constitution Way from High Street to Washington Street.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Improvements will result in reducing or eliminating water or sewer line breaks, improved pedestrian access, reduced pedestrian and vehicle accidents, address drainage issues and improve commuter use of this segment of Constitutional Way.</p> <p>In FY19, the City entered into a contract with Brox Industries to mill and overlay this street. As a result of the resurfacing work, the proposed reconstruction year has been moved out in time.</p> <p>3. Is this a replacement item? Yes. If NOT, how was the need previously met?</p> <p>4. List name of Firm and price of quotes received. Conceptual level opinion of construction cost developed by Wright-Pierce in 2018. Includes a 30% contingency factor to account for design unknowns. Costs inflated 3% per year to FY2025. -Road, Drainage, Sidewalk, engineering: \$ 548,720 -Water System Improvements: \$ 211,050 -Sewer Line Replacement: \$ 295,460</p> <p>Project was selected for engineering design services in FY18. Final engineering and construction specifications will be prepared during FY18 and FY19 as part of Complete Streets Design project; updated opinion of costs have been provided as design is underway at this time as a complete street project. We anticipate the design will be completed in later fall or early winter of 2018.</p>								
								
Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								
General Fund							\$548,720	\$548,720
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund							\$506,510	\$506,510
Other								\$0
Totals		\$0	\$0	\$0	\$0	\$0	\$1,055,230	\$1,055,230
Commence FY:		Quarter:	Prior Years' Funding		Total Project			
							\$1,055,230	

Project Title:	High Street - Blackwater Road to Franklin Street			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Complete Streets	Michael Bobinsky	September 10, 2018	II	\$2,983,500

<p>1. General Project Description: Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, install new sidewalks and reconstruct roadway surface along High Street from Blackwater Road to Franklin Street.</p> <p>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Improvements will result in reducing or eliminating water or sewer line breaks, improved pedestrian access, reduced pedestrian and vehicle accidents, address drainage issues and improve commuter use of this segment of High Street.</p> <p>3. Is this a replacement item? Yes. If NOT, how was the need previously met?</p> <p>4. List name of Firm and price of quotes received. Conceptual level opinion of construction cost developed by the contract City Engineer from Dubois and King.</p> <p>-Road, Drainage, Sidewalk, engineering: \$1,824,300 -Water System Improvements: \$ 685,600 -Sewer Line Replacement: \$ 473,600</p>		
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Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund					\$66,700	\$1,624,200	\$1,690,900
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$133,400	\$1,159,200	\$1,292,600
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$200,100	\$2,783,400	\$2,983,500
Commence FY:					Prior Years' Funding		
					Total Project		\$2,983,500

Project Title:	Main Street Construction - John Parsons Drive to Indigo Hill Road						
Department:	Submitted By:	Date:	Priority:				
Complete Streets	Michael Bobinsky	September 10, 2018	II				
<p>General Project Description: Project involves the replacement water and sewer lines, storm drainage improvements, new sidewalks, bike lanes and new surface pavement on Main Street from Indigo Hill Road to John Parsons Drive. Design to complement planning outcomes for the redevelopment of the Somersworth Plaza site.</p> <p>How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Improvements will result in reducing or eliminating water or sewer line breaks, improved access for all transportation modes, address drainage issues.</p> <p>Is this a replacement item? Yes. New water and sewer lines, storm drainage, sidewalks and new surface pavement.</p> <p>List name of Firm and price of quotes received. Opinion of construction cost developed by Wright-Pierce in 2018. Includes a 30% contingency factor to account for design unknowns. Costs inflated 3% per year to FY2024.</p> <p>-Road, Drainage, Sidewalk \$3,329,600 -Water System Improvements: \$1,280,600 -Sewer Line Replacement: \$1,792,900 Total \$6,403,100</p> <p><i>Note: The City may consider a phased approach to this project, for example complete an initial phase of the project from John Parsons to Fayette, and then completing the balance of the project in a subsequent year.</i></p>							
Total Project Funds:	FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:							\$0
General Fund					\$3,329,600		\$3,329,600
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$3,073,500		\$3,073,500
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$6,403,100	\$0	\$6,403,100
Commence FY:	Quarter:					Prior Years' Funding	Total Project
							\$6,403,100

DATA ENTRY FORM #N10


Project Title:		Washington Street - Main Street to High Street		Priority:	Project Cost:
Department:		Submitted By:	Date:	II	\$125,000
Complete Streets		Michael Bobinsky	September 10, 2018		

1. General Project Description:
Project involves the replacement water and sewer lines, storm drainage improvements, new sidewalks, bike lanes and new surface pavement on Washington Street from Main Street to High Street.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
Improvements will result in reducing or eliminating water or sewer line breaks, improved access for all transportation modes, address drainage issues. Project will also incorporate future design plans for the redevelopment of the Somersworth Plaza site.

3. Is this a replacement item? Yes. New water and sewer lines, storm drainage, sidewalks, and new surface pavement

4. List name of Firm and price of quotes received.
Opinion of engineering cost developed by the contract City Engineer from Dubois and King and projected at 3% inflation per year to be conducted in FY25.



	FY20	FY21	FY22	FY23	FY24	FY25	Total
Total Project Funds:							\$0
Sources:							\$0
General Fund						\$93,000	\$93,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund						\$32,000	\$32,000
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$125,000	\$125,000
Commence FY:						Prior Years' Funding	
						Total Project	\$125,000