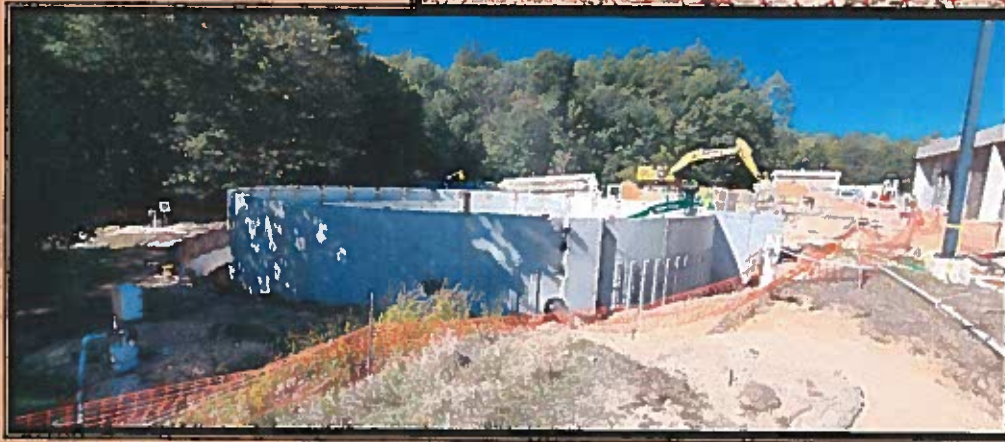


**City of Somersworth, NH
CAPITAL IMPROVEMENT PROGRAM
Fiscal Year 2022-2027**



**Wastewater Treatment
Facility Upgrade**



**Submitted to Planning Board
October 21, 2020**

**Submitted to City Council
December 14, 2020**

SOMERSWORTH, NEW HAMPSHIRE

Somersworth Planning Board
One Government Way
Somersworth, NH 03878



City Hall
603.692.4262
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November 24, 2020

Re: Capital Improvement Program 2022-2027

Honorable Mayor and Members of the City Council:

On November 18, 2020, the Somersworth Planning Board held a workshop to hear a presentation by City Manager Bob Belmore regarding his proposed 2022-2027 Capital Improvement Program (CIP); the School Department's section was presented by Superintendent Dr. Bob Gadomski. Also attending the meeting and assisting in the discussion with the Planning Board were Director of Finance Scott Smith, Assistant Superintendent of School Lori Lane, Fire Chief George Kramlinger, Police Chief David Kretschmar and Director of Public Works Michael Bobinsky.

Manager Belmore and Superintendent Gadomski presented a summary outline of the proposed CIP document, followed by a discussion with various City staff.

After review, the Planning Board accepted the proposed plan as presented with the following comments and suggestions.

The City should consider the following actions or additions to the CIP:

- Increasing the number of police cruisers purchased annually;
- Attaching a date to the project of when it was first added to the CIP;
- The School consider paving the back portion of the Middle/High School parking lot when the City completes paving of Cemetery Road;
- Discontinuing maintenance of the Blackwater Road basketball courts;
- Adding the former Police Station hazardous materials cleanup project;
- Tying projects to a Master Plan Goals; and
- Including a sidewalk maintenance plan.

Respectively Submitted,


Ronald LeHoullier
Planning Board Chairman

October 21, 2020

Memorandum of Transmittal

Dear Planning Board Members:

Preliminary Comments

I am pleased to submit for your review and comment the Fiscal Year 2022–2027 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 and utility rates 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 will have developed a CIP plan that does just that - continues to move our Hilltop City forward.

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 – i.e., embracing a “complete streets” strategy. Furthermore, the CIP must be flexible and be able to respond to changes such as equipment needs arise sooner the anticipated, changes in the economy, or any other unanticipated change that makes a specific project rise or fall in priority.

For example, this CIP is recommending an additional sidewalk tractor to be funded in the upcoming fiscal year. However, because of the needs of the community, the City Council will be considering purchasing an additional sidewalk tractor as we develop this CIP, ahead of schedule, and have it available for this winter season. There is a concern of breakdowns and the cost of repair on the current tractors and waiting until next year may not be in the best interest of the Community.

On the other side, we are scheduled to replace Fire Engine 2 in the Fire Department this year. This project is prepared to go out to bid, but we are holding off until the spring of 2021 to put it out to bid. This will provide the City the opportunity to time the financing of the replacement Engine so that payments won’t begin until FY2023.

Included in the introduction section of the CIP is a listing of projects introduced through the CIP going back to FY2018 that have been completed or are still in progress. As you will note the list has become fairly extensive, especially the Roads and Infrastructure section.

The City Council has authorized bond issues to proceed with the building of a new Fire Station and to proceed with a complete streets project on Cemetery Road.

The new Fire Station will be built on the site of the current Fire Station on Maple Street. This will be a multi-phased project as a portion will be torn down with a new section built replacing it, followed by tearing down the other half and then completing the entire station. The Fire Department will be able to continue to operate and provide full service to the Community as the projects moves forward. The project is currently underway with final design and engineering. Construction is scheduled to begin in the spring of 2021 and is anticipated to take 18 months to complete.

The Cemetery Road project is a complete streets project, which means in addition to paving it will include water, sewer, drainage, sidewalk, and other improvements such as lighting and parking improvements. The design of that project should be complete in the fall of 2020 and request for bids will follow shortly thereafter. Construction is scheduled to begin in the spring of 2021 and should be substantially complete by the end of the 2021 construction season.

The City Council amended the road paving schedule this year to take advantage of the entire construction season. The City's budget begins each July, which is already halfway through the construction season. What we have been struggling with is getting a contractor on board and then paving roads too close to the end of the construction season. It complicates projects and can cause delays to the next season if the weather turns cold. The decision this year was to delay bidding the road reconstruction projects to the winter time whereby we will have a contractor available to start in the spring. Moving forward we will be right on target to follow this schedule and maintain our annual road resurfacing commitment.

Projects for the Water and Wastewater Utilities are well underway. The \$13 million upgrade to the Wastewater Treatment Facility is proceeding on schedule, and some of the work being done with this upgrade is on the cover of this year's plan. Studies on the Water standpipe near Noble Pines and overall storage capacity is underway. The City has also hired an engineering firm to study the Rocky Hill Road wellfield to determine its viability as a secondary water source for 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.

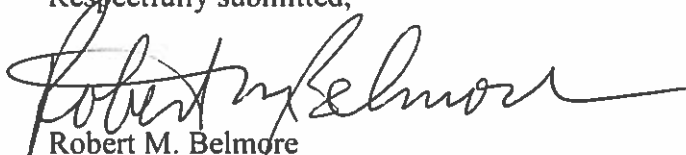
The Finance Department has prepared several graphs and charts that interpret the CIP request in regards to its broader financial picture and resulting funding impact on the community. The funding options, the estimated financial impact to the City based on the proposed CIP, and other pertinent points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

- An inflationary value of 3% per year has been applied to project estimates beyond fiscal year 2021.
- 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
City Manager

City of Somersworth, NH

Capital Improvements Program

FY 2022-2027

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) 2022, 2023, 2024, 2025, 2026 and 2027. FY 2022 begins on July 1, 2021 and ends on June 30, 2022. 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 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

FY 2020

- 1 Police Cruiser
- Fire Forestry Vehicle
- Fire 4WD Pickup Truck
- DPW - 1 Ton Plow (202)
- DPW – Plow Truck (303)

FY 2021 (In progress)

- 1 Police Cruiser
- 1 Police Undercover Vehicle
- DPW – 1 Ton Plow (103)
- Fire Engine/Pumper - Replace Engine 2

Equipment/Other Improvements:

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

FY2020

- Fire SCBA RIT Pack
- Fire – Replace Portable Radios (Yr. 3 of 4)
- Fire – Replace Vehicle Mobile Radios (Yr. 3 of 4)
- Replace Police Duty Weapons
- City Hall Roof Replacement

FY 2021 (In progress)

- Financial Server Upgrade
- Way Finding Signage
- Franklin St/Fremont St Drainage Improvements
- Rocky Hill Road Culvert Replacement
- DPW Pallet Forks
- City Hall Doors – ADA Upgrade
- Winter Storm Pre-Treatment
- Repave City Hall Parking Lot
- New Fire Station

Road Improvements

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

FY 2020

- ASH ST- Road Improvements
- BRICK ST- Road Improvements
- CENTRAL ST- Road Improvements
- CHESLEY AVE- Road Improvements
- CLEMENT RD- Road Improvements
- CREST DR- Road Improvements
- DOWN ST- Road Improvements
- FIRST ST- Road Improvements
- FRANKLIN ST- Road Improvements
- INDIGO HILL RD - Road Improvements
- LILY POND RD- Road Improvements
- KINGS LN- Road Improvements
- RIVER ST- Road Improvements
- RITA RD- Road Improvements
- SCHOOL ST- Road Improvements
- SECOND ST- Road Improvements
- SPRING ST- Road Improvements
- SPRUCE ST- Road Improvements
- STACKPOLE RD- Road Improvements
- SUMMER ST- Road Improvements
- THIRD ST- Road Improvements
- UNION ST- Road Improvements
- WATER ST- Road Improvements

FY 2021 (Scheduled for Spring 2021 construction)

- DREW ROAD – Road Improvements
- EDMUND ST - Road Improvements
- FOX COURT - Road Improvements
- LAURIER ST - Road Improvements
- LEMELIN COURT - Road Improvements
- ROWLAND ST - Road Improvements
- SHADY LANE - Road Improvements
- WILSON ST - Road Improvements

- LOCKE AVE - Road Improvements
- PORTLAND ST - Road Improvements
- SOUTH ST - Road Improvements
- BEN RICH DR - Road Improvements
- LIL-NOR AVE - Road Improvements
- PINKHAM ST - Road Improvements
- PRIMROSE LANE - Road Improvements
- MIDWAY PARK - Road Improvements
- BARTLETT AVE - Road Improvements
- CASS ST - Road Improvements
- HIGH ST (TRI-CITY RD to the DOVER LINE) – Crack Sealing
- HIGH ST/MARKET ST DOWNTOWN AREA – Crack sealing
- CEMETERY ROAD – Complete Streets Project

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	FY22	FY23	FY24	FY25	FY26	FY27	Totals FY22-FY27
	ECONOMIC DEVELOPMENT AND PLANNING DEPT.										
A	Feasibility Study - Riverwalk expansion	G/F Op	II	III	\$0	\$0	\$0	\$0	\$20,000	\$0	\$20,000
A	Master Plan update	G/F Op	III	III	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
	DIV. OF ECONOMIC DEV, PLANNING, CODE ENFORCE TOTALS				\$0	\$0	\$30,000	\$0	\$20,000	\$0	\$50,000
	CITY HALL										
B	City Hall High Efficiency Condensing Boiler	G/F Op	I	II	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
B	City Hall Individual Office Heat/Cool Pumps	G/F Op	II	II	\$0	\$60,000	\$0	\$0	\$0	\$0	\$60,000
	CITY OWNED PROPERTY/BUILDING DIVISION TOTAL				\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
	PARKS AND REC										
C	Jules Bisson & Noble Pines Basketball Court Rehab	G/F Op	III	III	\$14,000	\$14,000	\$0	\$0	\$0	\$0	\$28,000
C	Memorial Drive Tennis Courts	G/F Op	III	III	\$0	\$0	\$0	\$0	\$15,000	\$0	\$15,000
C	Blackwater Road Basketball Court Rehab	G/F Op	III	III	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
	DIV. OF RECREATION TOTALS				\$14,000	\$64,000	\$0	\$0	\$15,000	\$0	\$93,000
	DEVELOPMENT SERVICES DEPT. TOTALS				\$14,000	\$164,000	\$30,000	\$0	\$35,000	\$0	\$243,000
	CITY MANAGER/FINANCE DEPARTMENT										
E	Network Improvements	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$26,000	\$26,000
E	Library Roof Replacement	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$77,000	\$77,000
	CITY MANAGER/FINANCE DEPARTMENT TOTALS				\$0	\$0	\$0	\$0	\$0	\$103,000	\$103,000
	PUBLIC SAFETY-FIRE DEPARTMENT										
G	Replace Fire Chief Command Vehicle	Lease	II	II	\$0	\$0	\$45,000	\$0	\$0	\$0	\$45,000
G	Vehicle Mobile Radios	G/F Op	I	I	\$28,569	\$0	\$0	\$0	\$0	\$0	\$28,569
G	Replace Self-Contained Breathing Apparatus	G/F Op	II	II	\$0	\$0	\$66,096	\$69,400	\$85,015	\$76,010	\$296,521
G	Replace Aerial Ladder Truck with an Aerial Platform Truck	G/F Op	I	II	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000
G	New Rubber Hull Rescue Boat	G/F Op	II	III	\$0	\$0	\$0	\$25,000	\$0	\$0	\$25,000
	Public Safety - Fire Dept. Total				\$28,569	\$0	\$111,096	\$94,400	\$85,015	\$1,376,010	\$1,695,090
	PUBLIC SAFETY-POLICE DEPARTMENT										
H	Police Cruiser - Ford Explorer Package	Lease	I	I	\$58,481	\$60,235	\$62,042	\$63,904	\$65,821	\$67,796	\$378,279
H	Replacement Undercover Vehicles	Lease	I	I	\$23,685	\$24,396	\$25,127	\$25,881	\$26,658	\$27,457	\$153,204
	Public Safety - Police Dept. Total				\$82,166	\$84,631	\$87,170	\$89,785	\$92,479	\$95,253	\$531,483

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

Section	Project by Division	Funding Source	Priority		FY22	FY23	FY24	FY25	FY26	FY27	Totals
			Dept.	Manager							FY22-FY27
	PUBLIC WORKS DEPARTMENT										
J1	Addition of a 1 ton dump truck	Lease	II	III	\$0	\$0	\$0	\$0	\$68,300	\$0	\$68,300
J2	Combination Plow Truck No. 309	Lease	II	II	\$0	\$0	\$0	\$0	\$0	\$214,000	\$214,000
J3	Combination Plow Truck No. 311	Lease	II	II	\$0	\$0	\$0	\$0	\$207,000	\$0	\$207,000
J4	2 Ton Slide-In Hot Box	G/F Op	II	III	\$0	\$0	\$0	\$17,164	\$0	\$0	\$17,164
J5	City Engineer Vehicle	G/F Op	II	III	\$0	\$0	\$0	\$0	\$21,970	\$0	\$21,970
J7	Replacement of 2008 John Deere Loader 503	Lease	III	II	\$0	\$211,515	\$0	\$0	\$0	\$0	\$211,515
J8	Addition of Sidewalk Tractor	Lease	I	I	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
J8A	Replacement of Two Sidewalk Tractors	Lease	I	II	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$500,000
J9	Replacement of Parks Maintenance Truck	Lease	I	III	\$0	\$0	\$0	\$31,108	\$0	\$0	\$31,108
J13	Pavement Management Program	G/F Op	I	I	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$8,100,000
J14	Expansion of DPW Building	G/F Op	II	III	\$0	\$0	\$0	\$0	\$291,500	\$0	\$291,500
J15	Forest Glade Cemetery - Furber Memorial Chapel Restoration	G/F Op	II	III	\$0	\$0	\$0	\$110,500	\$0	\$0	\$110,500
J16	Slipline Drainage Line between Franklin and Green Street	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$98,000	\$98,000
J17	Forest Glade Cemetery Expansion Design	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
	PUBLIC WORKS DEPARTMENT TOTAL				\$1,600,000	\$1,561,515	\$1,350,000	\$1,508,772	\$2,188,770	\$1,947,000	\$10,156,057
	TOTAL CITY GENERAL FUND				\$1,724,735	\$1,810,146	\$1,578,266	\$1,692,957	\$2,401,264	\$3,521,263	\$12,728,630

G/F Op = General Fund Operating (Property Taxes)
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City of Somersworth
 Capital Improvements Program - Summary of Projects by Year

Section	Project by Division	Funding Source	Priority		FY22	FY23	FY24	FY25	FY26	FY27	Totals FY22-FY27
			Dept.	Manager							
	SCHOOL DEPARTMENT										
K1	HS - HVAC, Ventilation Design, Plan & Specifications	Bond	I		\$0	\$550,000	\$0	\$0	\$0	\$0	\$550,000
K2	MS - HVAC, Ventilation Design, Plan & Specifications	Bond	I		\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000
K3	Asbestos Flooring Replacement	G/F Op	I		\$214,000	\$0	\$0	\$0	\$0	\$0	\$214,000
K4	Middle School/High School/CTC-Asphalt Repairs/Paving	Bond	I		\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
K5	Middle School-Roof Replacement	Bond	I		\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
K6	High School - Roof Replacement	Bond	I		\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$1,500,000
K7	Middle School - Repairs to Exterior walls of 1962 Section & Doors	G/F Op	IV		\$38,000	\$0	\$0	\$0	\$0	\$0	\$38,000
K8	Middle School - Repairs to Exterior walls of 1962 Section Windows	G/F Op	IV		\$0	\$95,000	\$0	\$0	\$0	\$0	\$95,000
K9	Middle School - Re-Hab Bathrooms/Including ADA Imp	G/F Op	V		\$0	\$0	\$416,000	\$0	\$0	\$0	\$416,000
K10	District Wide- New Maintenance Truck with Plow	G/F Op	V		\$0	\$0	\$0	\$0	\$0	\$37,997	\$37,997
K11	District Wide-Special Education Van Replacment	G/F Op	V		\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
	SCHOOL DEPARTMENT TOTAL				\$1,352,000	\$645,000	\$416,000	\$1,000,000	\$1,500,000	\$572,997	\$5,485,997
	CAPITAL IMPROVEMENT PROGRAM GENERAL FUND TOTALS				\$3,076,735	\$2,455,146	\$1,994,266	\$2,692,957	\$3,901,264	\$4,094,260	\$18,214,627
	CURRENT CITY DEBT SCHEDULE (P&I)				\$616,684	\$525,539	\$288,384	\$276,271	\$264,888	\$171,210	\$2,142,976
	CURRENT SCHOOL DEB SCHEDULE (P&I)				\$1,817,873	\$1,810,262	\$1,777,885	\$1,769,569	\$1,759,131	\$1,736,287	\$10,671,007
	TOTAL - GENERAL FUND CIP & DEBT SERVICE				\$5,511,292	\$4,790,947	\$4,060,535	\$4,738,797	\$5,925,283	\$6,001,757	\$31,028,610

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		FY22	FY23	FY24	FY25	FY26	FY27	Totals
			Dept.	Manager							FY22-FY27
L	Water Main: Main Street from Indigo Hill Road to Wildflower Circle	E/F Op-Bond	II	II	\$125,700	\$1,322,200	\$0	\$0	\$0	\$0	\$1,447,900
L	Noble Pines (Hamilton St) Water Tank Rehabilitation	E/F Op-Bond	II	II	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000
L	Water Distribution Improvements: Indigo Hill Road - Main Street to	E/F Op	II	II	\$0	\$0	\$160,000	\$1,240,000	\$0	\$0	\$1,400,000
L	Replacement Truck for Water Distribution - Truck 903	E/F Op	II	II	\$61,200	\$0	\$0	\$0	\$0	\$0	\$61,200
L	Water Main: West High - High Street to James Ave.	E/F Op-Bond	II	II	\$0	\$0	\$130,800	\$1,111,500	\$0	\$0	\$1,242,300
L	Raw Water Variable Frequency Drive Controllers	E/F Op	II	II	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
L	Pipe Rehabilitation Program Study	E/F Op	II	II	\$0	\$135,000	\$0	\$0	\$0	\$0	\$135,000
L	Water Treatment Plant Engineering Evaluation	E/F Op	II	II	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
L	Green Street (Indigo Hill Rd - City Boundary) Water Main Replacement		II	II	\$0	\$0	\$0	\$0	\$243,500	\$2,435,000	\$2,678,500
	TOTAL - WATER FUND				\$3,186,900	\$1,457,200	\$440,800	\$2,351,500	\$243,500	\$2,435,000	\$10,114,900
M	Phase II - Upgrade	E/F Op Bonds	III	II	\$0	\$0	\$7,778,000	\$0	\$0	\$0	\$7,778,000
M	Portable Vacuum Unit	E/F Lease	I	II	\$0	\$77,454	\$0	\$0	\$0	\$0	\$77,454
M	Sewer Collection System Assessment and Flow Monitoring Study	E/F Op	I	II	\$95,000	\$0	\$0	\$0	\$0	\$0	\$95,000
M	Adding Third Aeration Basin	E/F Op Bonds	II	II	\$0	\$0	\$0	\$7,314,000	\$0	\$0	\$7,314,000
	TOTAL - SEWER FUND				\$95,000	\$77,454	\$7,778,000	\$7,314,000	\$0	\$0	\$15,264,454
	CURRENT ENTERPRISE FUND DEBT SCHEDULE (P&I)				\$1,216,779	\$1,191,366	\$1,161,056	\$1,119,636	\$1,088,176	\$578,396	\$6,355,409
	Pavement Management Plan - Complete Streets Projects										
N1	Constitutional Way Reconstruction	G/F -E/F Bonds	II	II	\$0	\$0	\$0	\$0	\$1,086,900	\$0	\$1,086,900
N2	High Street - Blackwater Road to Franklin Street	G/F -E/F Bonds	II	II	\$0	\$0	\$0	\$0	\$246,100	\$3,423,300	\$3,669,400
N3	Main Street Construction - John Parsons Drive to Indigo Hill Road	G/F -E/F Bonds	II	II	\$0	\$0	\$6,403,100	\$0	\$0	\$0	\$6,403,100
N4	Washington Street - Main Street to High Street	G/F -E/F Bonds	II	II	\$0	\$0	\$0	\$0	\$125,000	\$1,652,300	\$1,777,300
	TOTAL - Pavement Management Plan - Complete Streets Projects				\$0	\$0	\$6,403,100	\$0	\$1,458,000	\$5,075,600	\$12,936,700

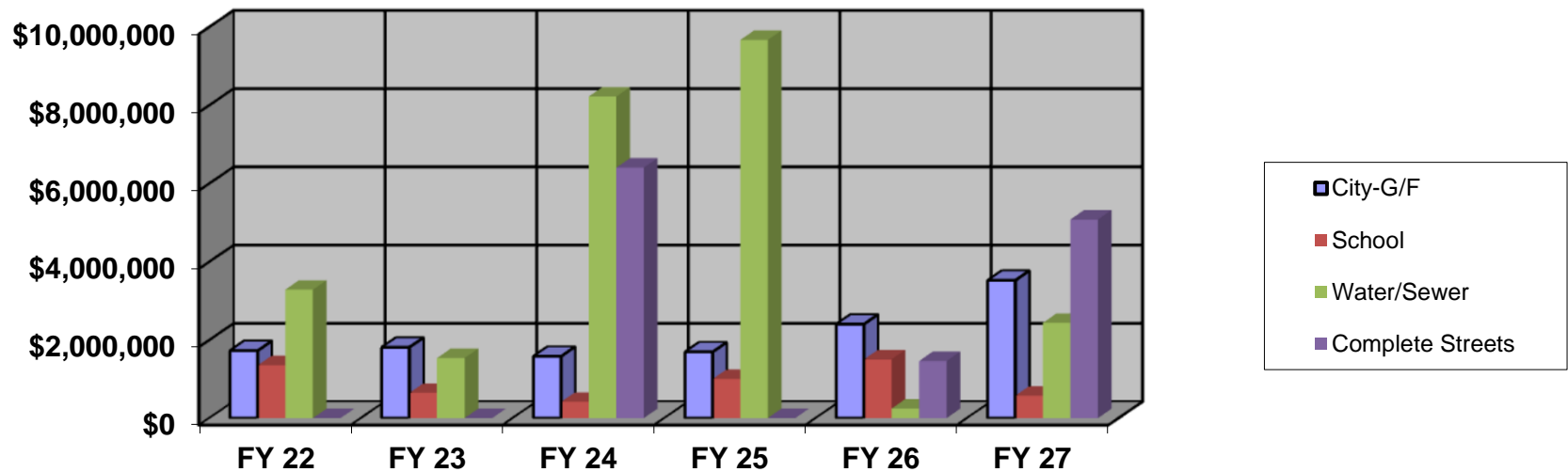
SOMERSWORTH CIP - SUMMARY

Section	Project by Division			FY22	FY23	FY24	FY25	FY26	FY27	Totals
										FY22-FY27
	CIP TOTAL - CITY GENERAL FUND			\$1,724,735	\$1,810,146	\$1,578,266	\$1,692,957	\$2,401,264	\$3,521,263	\$12,728,630
	CIP TOTAL - SCHOOL DEPARTMENT			\$1,352,000	\$645,000	\$416,000	\$1,000,000	\$1,500,000	\$572,997	\$5,485,997
	CIP TOTAL - CITY ENTERPRISE FUNDS			\$3,281,900	\$1,534,654	\$8,218,800	\$9,665,500	\$243,500	\$2,435,000	\$25,379,354
	TOTAL -PAVEMENT MANAGEMENT PLAN - COMPLETE STREETS PROJECTS			\$0	\$0	\$6,403,100	\$0	\$1,458,000	\$5,075,600	\$12,936,700
	CIP TOTAL - ALL FUNDS			\$6,358,635	\$3,989,800	\$16,616,166	\$12,358,457	\$5,602,764	\$11,604,860	\$56,530,681
	DEBT SERVICE TOTAL - ALL FUNDS			\$3,651,336	\$3,527,167	\$3,227,325	\$3,165,476	\$3,112,195	\$2,485,893	\$19,169,392
	TOTAL - ALL FUNDS CIP & DEBT SERVICE			\$10,009,971	\$7,516,967	\$19,843,491	\$15,523,933	\$8,714,959	\$14,090,753	\$75,700,073

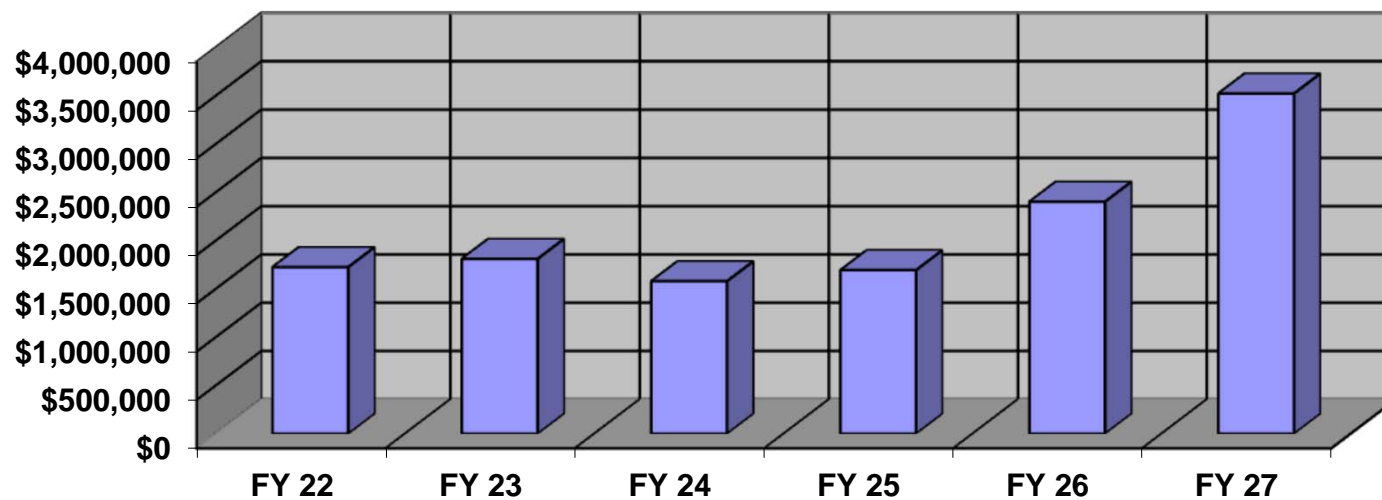
FY22 CITY CIP - FUNDING SUMMARY

Funding Category	FY22
General Fund - Bonds/Lease	\$1,432,166
General Fund - Other (Escrow)	\$0
General Fund - Grants	\$0
General Fund - Operating Budget	\$1,644,569
City General Fund CIP	\$3,076,735

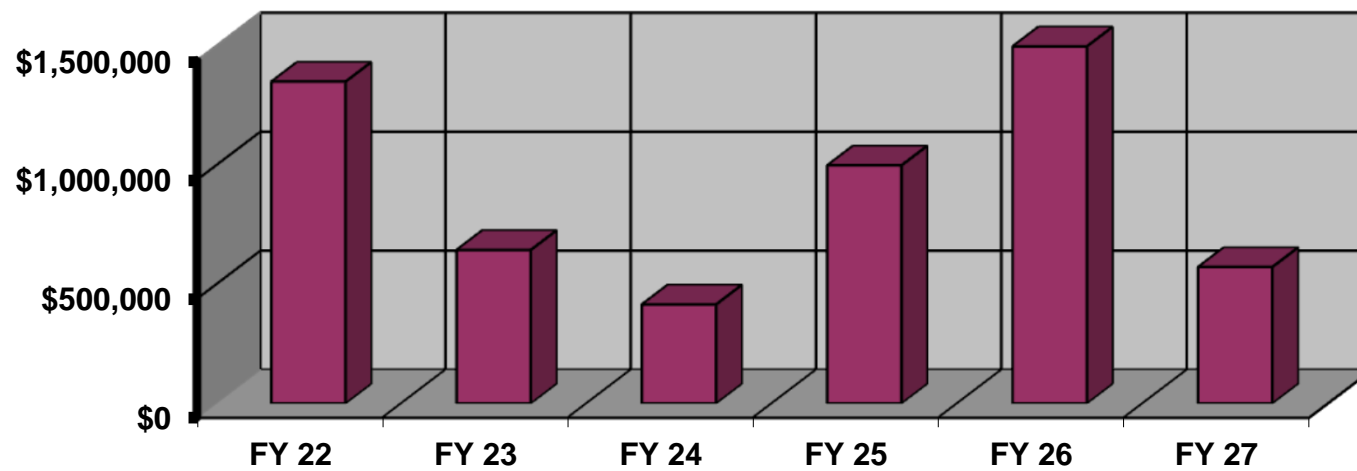
CIP - Requests Totals by Fiscal Year



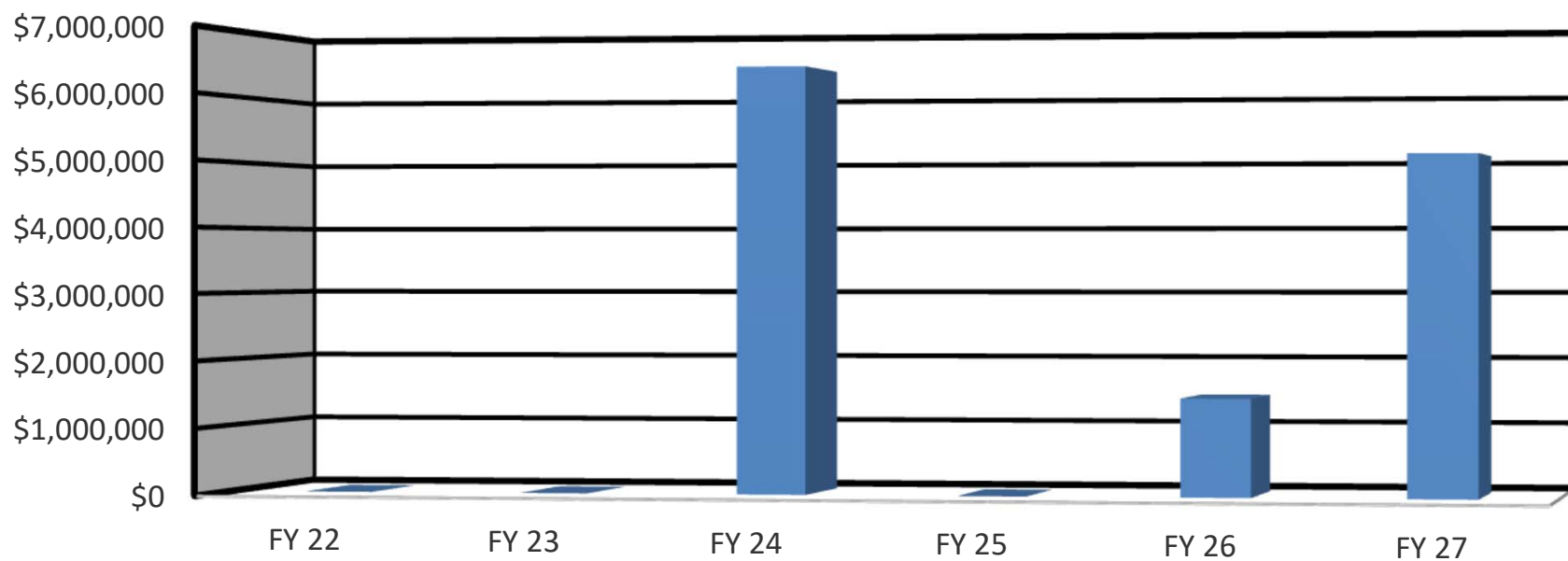
City CIP - Requests G/F Totals by Year



**School 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, 2020**

DRA Certified Base Valuation for Debt Limit **\$ 1,098,759,389**

General Fund debt limit - 3% of Base Valuation: **\$ 32,962,782**

Gross G/F Bonded debt June 30, 2020	2,287,000
Authorized but Unissued	<u>8,966,667</u>

Total Debt subject to 3% limitation **11,253,667**

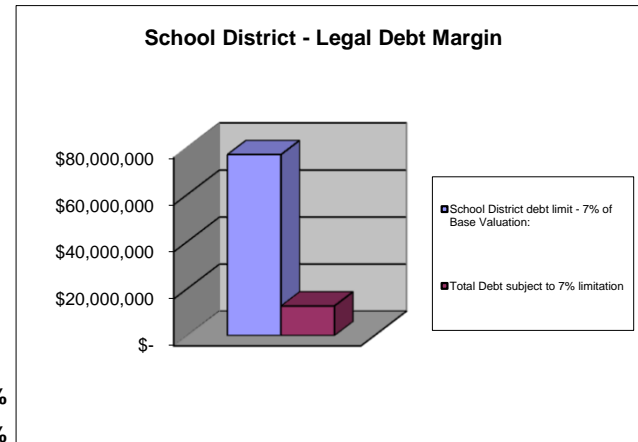
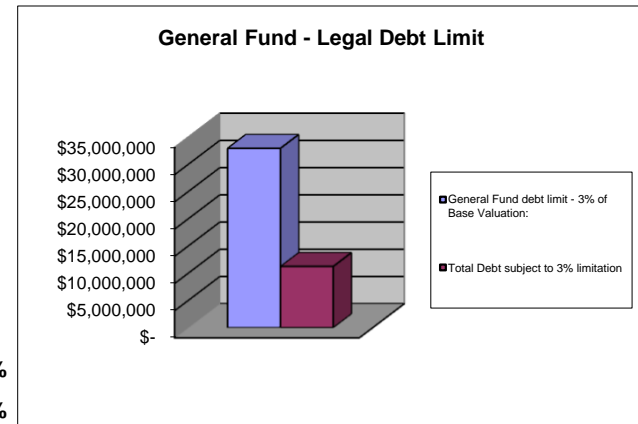
Legal Debt Margin **\$ 21,709,115**

School District debt limit - 7% of Base Valuation: **\$ 76,913,157**

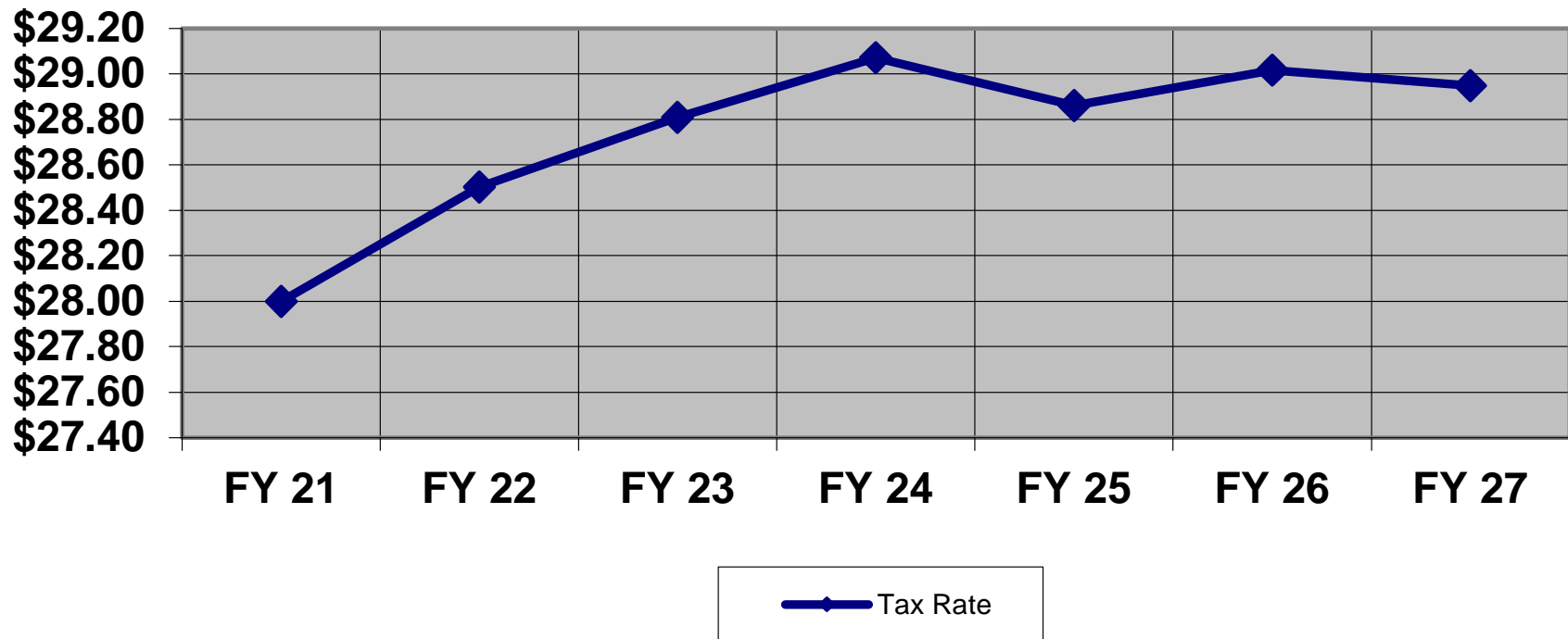
Gross School Bonded debt June 30, 2020	11,944,421
Authorized but Unissued	<u>650,000</u>

Total Debt subject to 7% limitation **12,594,421**

Legal Debt Margin **\$ 64,318,736**



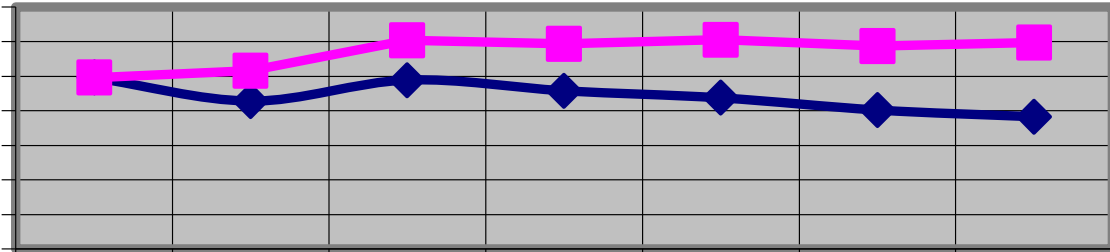
Estimated Impact on Tax Rate of Proposed CIP by Fiscal Year



Impact of Proposed CIP on Debt Payments

Debt Payments as Portion of Tax
Rate

3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00



◆ Current Debt

■ Proposed CIP

	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27
Current Debt	\$2.48	\$2.14	\$2.44	\$2.29	\$2.19	\$2.01	\$1.91
Proposed CIP	\$2.48	\$2.58	\$3.02	\$2.97	\$3.03	\$2.94	\$2.99

◆ Current Debt

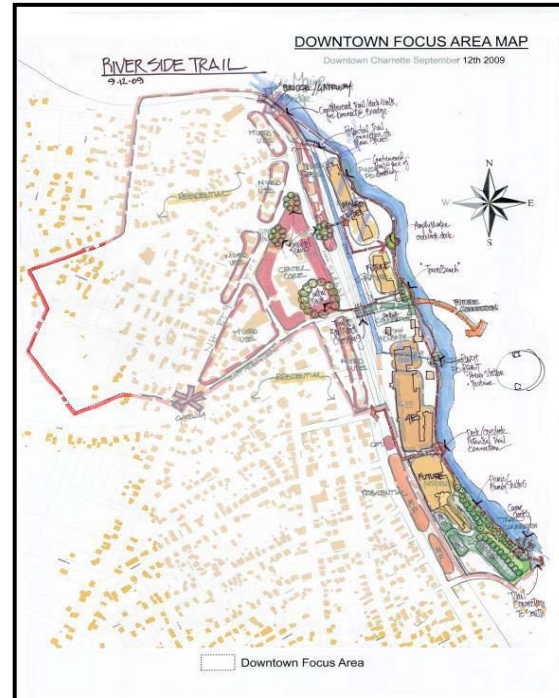
■ Proposed CIP

This chart compares current cost of debt payments to projected debt payments based on proposed CIP in terms of tax dollars.

DATA ENTRY FORM #A1

Project Title:	Feasibility Study - Riverwalk expansion			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Interim Director Belmore	July 17, 2020	II	\$20,000

- 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
- 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.
- 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.
- List name of Firm and price of quotes received.**
 Received verbal quote from experienced planning firm



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$20,000		\$20,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$20,000	\$0	\$20,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$20,000

DATA ENTRY FORM #A2

Project Title:	Master Plan update			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Interim Director Belmore	July 17, 2020	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:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund				\$30,000				\$30,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$30,000	\$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:	Project Cost:
City Hall	Gary Lemay, City Eng.	July 8, 2020	I	\$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

City Hall projects are currently under the direction of the City Manager.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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 Individual Office Heat/Cool Pumps				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
City Hall	Gary Lemay, City Eng.	July 8, 2020	II	\$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 will replace all six failing heat pumps in FY2022.

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

City Hall projects are currently under the direction of the City Manager.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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

DATA ENTRY FORM #C4

Project Title:	Jules Bisson & Noble Pines Basketball Court Rehab			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Michael Bobinsky	August 14, 2020	III	\$28,000

1. General Project Description? Rehabilitation of the full basketball court at: 1) the newly refurbished Jules Bisson Park (FY2023); and 2) the full basketball court at Noble Pines (FY2022). Rehabilitation will include new playing surface, with striping and installation of new hoops and backboards.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The existing hoops and backboards are in disrepair, the existing surface is cracked.

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.
Hoop/backboard \$1000 each, plus \$500 installation (estimated)
Asphalt surface (1.5" overlay) = \$9,000 per court
Striping \$1,000 per court
Total = \$11,500 per court, plus 20% contingency = \$14,000 per court



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund		\$14,000	\$14,000					\$28,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$14,000	\$14,000	\$0	\$0	\$0	\$0	\$28,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$28,000

DATA ENTRY FORM #C5

Project Title:	Memorial Drive Tennis Courts			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Michael Bobinsky	August 14, 2020	III	\$15,000

- 1. General Project Description?** Rehabilitation of the tennis courts on Memorial Drive.
- 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** The existing courts were last refurbished in 2015. There is no current tabulation of how much use these courts get but we do know they are used.
- 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.**
Asphalt surface and striping - \$15,000. Will seek detailed quotes as the project date approaches.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$15,000		\$15,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$15,000	\$0	\$15,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$15,000

DATA ENTRY FORM #C6

Project Title:	Blackwater Road Basketball Court Rehab			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Michael Bobinsky	August 14, 2020	III	\$52,600

1. General Project Description? Rehabilitation of the two basketball courts at Blackwater Road. Rehabilitation will include new playing surface, with striping and installation of new hoops and backboards.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The existing hoops and backboards are in disrepair, the existing surface is cracked.

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.

Hoop/backboard \$1000 each, plus \$500 installation (estimated)

Asphalt surface (3" overlay) = \$18,000 per court

Striping \$1,000 per court

Total = \$20,500 per court, plus 20% contingency = \$25,000 per court



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund			\$50,000					\$50,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$50,000

DATA ENTRY FORM #E2

Project Title:	Network Improvements			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Finance/Administration	Scott Smith	July 17, 2020	II	\$26,000

1. General Project Description? Currently developing a plan with the City's IT Consultant. Will encompass a combination of hardware replacement and wiring upgrades.

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

3. Is this a replacement item? Yes

4. List name of Firm and price of quotes received.
Based on prior upgrade of \$22,500 adjusted for inflation.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund							\$26,000	\$26,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$26,000	\$26,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$26,000

DATA ENTRY FORM #E3

Project Title:	Library Roof Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Library	Scott Smith	July 8, 2020	II	\$77,000

1. General Project Description? Replace the rubber membrane roof on the library building. We believe the roof was last replaced 25+ years ago, and the roof is showing notable signs of wear, degradation, and water pooling. This would also include an allowance for upsizing the roof drains to larger, modern bowl-type drains that are less prone to clogging.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The roof is approaching or has exceeded the anticipated service life of a flat roof, and it should be scheduled for replacement. Replacing the roof before it begins to leak will be less expensive than costly patches and other temporary fixes.

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 roofing estimated it would cost \$51,000 in 2020 dollars, not including the necessary roof drain improvements (estimated \$5,000 in 2020 dollars by Sturgeon Creek plumbing). Total costs include a 15% contingency and 3% escalation per year to FY2027.

Total : \$77,000



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund							\$77,000	\$77,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$77,000	\$77,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$77,000

DATA ENTRY FORM #G4

Project Title:	Replace Fire Chief Command Vehicle				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
FIRE	George Kramlinger, Fire Chief	July 17, 2020	II	\$45,000	

1. General Project Description?

Replace the Fire Chief 2013 Tahoe Command Vehicle with an equivalent size SUV in FY24 from the State Bid List.

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

The Fire Chief's Command Vehicle will be 11 years old in FY24. The vehicle is equipped to serve as an incident command post (ICP) at an emergency scene with radios, checklists, an accountability and command board, and storage for numerous maps and reference materials. Much of the emergency equipment, radio suite, and command hardware will transfer from the 2013 vehicle into the new vehicle. Price contains upfit (warning lights, new radio equipment (if needed), and graphics).

3. Is this a replacement item? Yes

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

Current State Bid List adjusted for inflation.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Lease				\$45,000				\$45,000
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$45,000	\$0	\$0	\$0	\$45,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$45,000

DATA ENTRY FORM #G7

Project Title:	Vehicle Mobile Radios				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Fire	George Kramlinger, Fire Chief	July 17, 2020	I	\$28,569	

1. General Project Description?

Replace mobile (vehicle mounted) radios originally purchased in the aftermath of 9-11 (nearly 20 years ago) that are no longer supported with spare parts and service from the manufacturer. This is Year 2 of a 2 year replacement program with this portion of the project designed to provide mobile radios for Forestry-1, Engine-2, Engine-3, Car-1 (second radio), as well as a mobile radio in a fixed configuration at the Fire Station base station. The replacement is also necessary in anticipation of a Federal government initiative to move public safety agencies to a different radio band (not covered by the older radios) in the near future.

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

Effective, reliable, interoperable, and compliant radio communication equipment is essential to delivering fire rescue and suppression, emergency medical services, and all hazards response.

3. Is this a replacement item? YES

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

Quote by Two-Way Communications on NH state bid list.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund		\$28,569						\$28,569
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$28,569	\$0	\$0	\$0	\$0	\$0	\$28,569
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$28,569

Project Title:	Replace Self-Contained Breathing Apparatus				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Fire	George Kramlinger, Fire Chief	July 17, 2020	II	\$296,521	

1. General Project Description?

Replace our 25 self-contained breathing apparatus (SCBA) over four years starting in FY24 and continuing through FY27. NFPA Standards require the replacement of SCBA every 10 years. This program replaces SCBA units purchased in FY14 -17. The price of the SCBA unit is estimated from the Massachusetts State Bid List as there is currently no SCBA units on the NH Bid Lists. In FY 24 the price per SCBA unit is estimated at \$11,016 which requires an expenditure of \$66,096 to replace all six units on our front-line pumper. Each subsequent year, year the price is anticipated to increase by 5%. In FY25, the six units on the second-due pumper are replaced. In FY26 units on the the Ladder Truck (6) and Chief's command vehicle (1) are replaced. In FY27, the six units on the reserve pumper are replaced. Each SCBA unit includes two 4500 psi air bottles, the face piece, heads up display (HUD), and NFPA compliant safety features and emergency equipmnet.

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

Firefighter respiratory protection is mandated by Federal regulation. The NFPA sets performance and replacement standards. The SCBA along with structural firefighter protective clothing enables a firefighter to safely and effectively accomplish our primary mission of fire rescue and suppression. **George Kramlinger, Fire Chief**

3. Is this a replacement item? YES**4. List name of Firm and price of quotes received.**

Massachusetts State Bid List quotes received from Fire Tech & Safety vendor.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund				\$66,096	69,400	85,015	\$76,010	\$296,521
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$66,096	\$69,400	\$85,015	\$76,010	\$296,521
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$296,521

Project Title:	Replace Aerial Ladder Truck with an Aerial Platform Truck				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Fire	George Kramlinger, Fire Chief	July 17, 2020	I	\$1,300,000	

1. General Project Description?

Our aerial ladder truck (Truck-1) is a vitally important piece of fire apparatus. Given the diverse types of buildings in the City and challenging topography an aerial apparatus is necessary for rescue, ventilation, and elevated waterway operations. However, the ladder truck is now 15 years old. NFPA 1911 states that "in the last 10 to 15 years, much progress has been made in upgrading functional capabilities and improving the safety features of apparatus". In addition, "It is recommended that apparatus more than 15 years old that have been properly maintained and that are still in serviceable condition be placed in reserve status". Finally, "apparatus ...that are over 25 years old should be replaced". Experience has demonstrated that because of the complexity of electronic, hydraulic, and drive-train components, a piece of fire apparatus older than 20 years is living on borrowed time. Replacing our aerial ladder truck at the 23 year point with an aerial platform truck is a reasonable compromise between the 15 and 25 year point while significantly increasing performance, safety, and effectiveness. In addition, the aerial ladder truck will have a resale value (albeit limited) before the 25 year mark.

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

A modern aerial platform truck will significantly enhance, safety, performance, and effectiveness. The previously proposed refurbishment of the aerial ladder truck is now deemed as not cost effective.

3. Is this a replacement item? YES**4. List name of Firm and price of quotes received.**

Cost estimate based on state bid lists adjusted for inflation



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease							\$1,300,000	\$1,300,000
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$1,300,000

DATA ENTRY FORM #G10

Project Title:	New Rubber Hull Rescue Boat				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
FIRE	George Kramlinger, Fire Chief	July 17, 2020	II	\$25,000	

1. General Project Description?

Replace the existing 14' aluminum boat built in 1961 with a 14' rubber hull zodiac rescue boat designed to operate more effectively in the Salmon Falls river and city ponds. The project will include a 14' rubber hull rescue boat, powerful motor to safely operate near the dams and in swift water, a trailer, personal protective equipment (PPE), and training.

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

Given variations in water depth and the rocky bottom associated with shallow water riverine rescue operations a rubber hull rescue boat is far more effective and safer than an aluminum hull fishing boat. A more powerful motor is necessary to operate in the vicinity of the dams and during the heavy flow during spring melting. Better PPE in the form of swift water dry suits are necessary to properly protect personnel when operating the boat when the water is less than 70 degrees (which is most of the year).


3. Is this a replacement item? Yes

4. List name of Firm and price of quotes received. Still need to obtain new cost estimate. Cost estimate based on reviewing recent purchases by other jurisdictions, reviewing equipment costs, and increasing slightly to account for inflation.




Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund					\$25,000			\$25,000
Bonds/Lease								\$0
Grant								\$0
Lease								
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$25,000	\$0	\$0	\$25,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$25,000

DATA ENTRY FORM #H1

Project Title:	Police Cruiser - Ford Explorer Package							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Police	Chief David Kretschmar	July 15, 2020	I	\$378,279				
<p>1. General Project Description? This is a rolling replacement program for line cruisers and changeover to Ford Explorer Police 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) 2018 Ford Explorer (1) 2017 Ford Explorer, (3) 2016 Ford Explorers, (1) 2013 Dodge Charger, (1) 2011 Chevrolet Caprice and (1) 2016 Ford F150 (Parking Vehicle) We have only replaced one cruiser for each of the last 3 years.</p> <p>If NOT, How was the need previously met?</p> <p>4. List name of Firm and price of quotes received: Irwin Ford (2020 State Bid) - \$31,424.00 2 Way Communications - Equipment & Change Over Radio -\$10,915.00 2-Way Communications - Modem & Install - \$1,582 Wayne Chaloux's Signs & Graphix - \$925.00 each Patrol PC - Rugged Laptop, Mounting & E-Ticket Equipment-\$6,562.00 (5 Year Warranty and Install WatchGuard - New In-cruiser video system -\$5,370</p>								
Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Yearly Total
Sources:								\$0
General Fund		\$58,481	\$60,235	\$62,042	\$63,904	\$65,821	\$67,796	\$378,279
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$58,481	\$60,235	\$62,042	\$63,904	\$65,821	\$67,796	\$378,279
Commence FY:	Quarter:				Prior Years' Funding			\$0
					Total Project			\$378,279

DATA ENTRY FORM #H2

Project Title:	Replacement Undercover Vehicles							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Police	Chief David Kretschmar	July 15, 2020	I	\$153,204				
<p>1. General Project Description: Replacement of Undercover Vehicles of various makes and models within stated budget parameters</p> <p>2. 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. We propose a continual outfitting of one new undercover vehicle per year.</p> <p>3. 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.</p> <p>4. List name of Firm and price of quotes received:</p> <p>MHQ - Per Mass Bid Ford Escape 2019 - \$19,995.00 2 Way Communication -\$3,000 for installation of radio and antenna system, and purchase and installation of new siren and all lighting systems for grill and tail lights.</p>								
Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Yearly Total
Sources:								\$0
General Fund		\$23,685	\$24,396	\$25,127	\$25,881	\$26,658	\$27,457	\$153,204
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$23,685	\$24,396	\$25,127	\$25,881	\$26,658	\$27,457	\$153,204
Commence FY:	Quarter:				Prior Years' Funding			\$0
					Total Project			\$153,204

Project Title:	Addition of a 1 ton dump truck				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	June 30, 2020	II	\$68,300	

1. General Project Description: Addition of a 1-ton dump truck. The vehicle will be outfitted with a dumping flatbed and lift gate system. It is the City's intent to continue to standardize mid-size trucks with Ford units and this additional unit is recommended to be a heavy duty one-ton Ford.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The addition of this type of truck will assist with our curb side collection of metal items, distribution of voting materials such as ballot boxes, distribution and collection of shredding bins, and moving of general heavier/bulkier items which need to be handled gently. Currently operators must manually lift these items into the back of a truck or return with a loader to put them in the bucket, taking more time and increasing the chances of an injury from lifting.

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. Diesel is more fuel efficient (21 MPG vs. 15 MPG) than gas. Continuing with a Ford purchase postures 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, long-term maintenance costs are better controlled and managed.

3. Is this a replacement item? No.

4. List name of Firm and price of quotes received. Based on quote 6/2019

Grappone Ford, Cab and Chassis **\$44,950**

Donovan Spring, Flat Bed, Lift Gate,
central hydraulics, strobe lighting, etc. **\$12,250**

Total cost \$57,200

Total escalated to FY2026 @ 3% per year is \$68,300.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease						\$68,300		\$68,300
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$68,300	\$0	\$68,300
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$68,300

DATA ENTRY FORM #J2

Project Title:	Combination Plow Truck No. 309			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	II	\$214,000

1. General Project Description: Replacing **Truck 309**, a 2007 Freightliner M2 Business Class. This truck is a front-line plow/sanding truck. The truck will be equipped with an Everest SDS (side dump spread) combination body. 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 be used throughout the year for general purpose work in the City. Truck includes a 5-year warranty coverage.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This would replace existing **Truck 309** to plow main routes. Continuing with a Peterbilt purchase positions the Highway Division to be standardized and efficient with the performance of and stocking of repair parts for scheduled and unscheduled services. By upgrading to a larger truck, it will allow Highway personnel to haul more material per trip equaling less fuel and time to complete tasks making the department more efficient. A larger plow set up will clear a wider path making it more efficient at plowing.

3. Is this a replacement item? Yes. Current truck is a 2007 plow truck, which is currently used as a front-line plow truck with a dedicated run. **Truck 309** has approximately 51,259 miles. New truck will become a front-line vehicle. Diesel is more fuel efficient (15 MPG vs. 8 MPG) than gasoline.

4. List name of Firm and price of quotes received. Received Quotes on 6/18/2020

-NH Peterbilt Cab and Chassis assembly **\$106,050**

-HP Fairfield **\$72,500**

Plow Wing, SDS Dump body, Controls,

Tarp system, lighting, On-Spots, Hydraulic

Plumbing and installation. **Total Cost: \$178,550**

Price escalated 3% per year to FY2027 - \$214,000



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease							\$214,000	\$214,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$214,000	\$214,000
Commence FY:	Quarter:				Prior Years' Funding			

DATA ENTRY FORM #J3



Project Title:	Combination Plow Truck No. 311						
Department:	Submitted By:	Date:	Priority:	Project Cost:			
Public Works	Michael Bobinsky	June 30, 2020	II	\$207,000			

1. General Project Description: Replacing **Truck 311**, a 2014 International 7400 Series. This truck is a front-line plow/sanding truck. The truck will be equipped SDS (side dump spread) combination body. 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 be used throughout the year for general purpose work in the City. Truck includes a 5-year warranty coverage.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This would replace existing **Truck 311** to plow main routes. Continuing with a Peterbilt purchase positions the Highway Division to be standardized and efficient with the performance of and stocking of repair parts for scheduled and unscheduled services. By upgrading to a larger truck, it will allow Highway personnel to haul more material per trip equaling less fuel and time to complete tasks making the department more efficient. A larger plow set up will clear a wider path making it more efficient at plowing.

3. Is this a replacement item? Yes. Current truck is a 2014 plow truck, which is currently used as a front-line plow truck with a dedicated run. **Truck 311** has approximately 25,067 miles. New truck will become a front-line vehicle. Diesel is more fuel efficient (15 MPG vs. 8 MPG) than gasoline.

4. List name of Firm and price of quotes received. Received Quotes on 6/18/2020
 -NH Peterbilt Cab and Chassis assembly **\$106,050**
 -HP Fairfield **\$72,500**
 Plow Wing, SDS Dump body, Controls,
 Tarp system, lighting, On-Spots, Hydraulic
 Plumbing and installation. **Total Cost: \$178,550**
 Price escalated 3% per year to FY2026 - \$207,000

Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease						\$207,000		\$207,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$0	\$0	\$0	\$0	\$207,000	\$0	\$207,000
Commence FY:	Quarter:				Prior Years' Funding			
							Total Project	\$207,000

Project Title:	2 Ton Slide-In Hot Box			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	II	\$17,164

1. General Project Description: Purchase a 2 Ton slide-in Hot Box
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 asphalt hot and useable longer. This will provide higher better quality patches year-round.

3. Is this a replacement item? No. Currently Highway Division uses DPW 1 tons to do most patch work on roads in the City. We get material from Brox in Rochester, at roughly 300 Deg. After getting material we tarp it and, depending on weather, we have limited time to get material installed, as just during travel back to the city it cools to 230-210 Deg. DOT specifies a minimum of 260 Degrees at placement to allow for proper compaction and acceptable durability.

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

-Quoted in 2020 dollars

-HP Fairfield's Slide In assembly: **\$15,250**

Price escalated 3% per year to FY2025 - \$17,164



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund					\$17,164			\$17,164
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$17,164	\$0	\$0	\$17,164
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$17,164

DATA ENTRY FORM #J5

Project Title:	City Engineer Vehicle			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	II	\$21,970

1. General Project Description: New vehicle for the City Engineer position. The City has transitioned from a contract City Engineer to a full time City Engineer and vehicle is needed to respond to a wide range of assignments including project inspections, overseeing road paving work, trench and driveway permits, participating in the project oversight of wastewater treatment plant upgrades and water system improvements as well as special projects as assigned.

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

A new vehicle assigned to the City Engineer will support on-site tasks such as project oversight, site inspections, capital projects, and permit application reviews. Currently the City Engineer must coordinate with other DPW staff on carpooling when possible or with City Hall staff when staff vehicles are available. Those vehicles are less available during the spring and summer months due to work flow, which is same time as when the Engineer needs a vehicle due to project schedules.

In addition, the recommendation is to purchase a Ford sedan which is consistent with the City practice of standardizing the City fleet. Grappone Ford was not awarded the State bid for sedans in 2020 but did provide staff with a municipal rate of \$18,400 for the proposed 2020 Sedan.

3. Is this a replacement item?

No this is an addition to the City fleet.

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

Grappone Ford - \$18,400 (email quote) in FY2020 dollars, inflated 3% to FY2026 is \$21,970. Proposed 1/3 each split between general fund, water fund, and sewer fund.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$7,323		\$7,323
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$14,647		\$14,647
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$21,970	\$0	\$21,970
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$21,970

Project Title:	Replacement of 2008 John Deere Loader 503			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	III	\$211,515

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 **\$182,475 (2018 dollars)**
- Quote includes Nortrax's to remove plow equipment from old loader and install in new equipment.
- Price escalated 3% per year to FY2023 for a total of \$211,515
- Quote for trade-in of existing loader was \$50,000 in 2018, but 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:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund			\$211,515					\$211,515
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
	Totals	\$0	\$211,515	\$0	\$0	\$0	\$0	\$211,515
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$211,515

Project Title:	Addition of Sidewalk Tractor			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	I	\$250,000

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 tractor will allow DPW to service new sidewalks built on Indigo Hill Road and Stackpole Road.

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

-Donovan Equipment Tractor with plates **Total Cost: \$250,000**

-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:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund		\$250,000						\$250,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$250,000

Project Title:	Replacement of Two Sidewalk Tractors			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	DPW	June 30, 2020	I	\$500,000

1. General Project Description: To replace two side walk tractors with new units, keep unit 605 for winter backup tractor, or until additional sidewalk tractor is added. One unit is proposed for replacement in FY2026, the other in FY2027. There is a possibility that one existing unit would be retained as a backup and/or for spare parts to service the remaining Holder unit until both units are replaced.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth: Two existing tractors are currently 12 years old (2008 vintage) and have met their life expectancy of 8-10 years. Given the age of these units and repair history we will be looking at increasing repair costs in upcoming years. Purchasing replacement units will be more reliable and will include warranty coverage reducing down time.

3. Is this a replacement item? Yes.

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

Will need more talks as machine change every year to meet emission laws.



Holder C 992



Total Project Funds:		FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Total
Sources:								\$0
General Fund						\$250,000	\$250,000	\$500,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$250,000	\$250,000	\$500,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$500,000

Project Title:	Replacement of Parks Maintenance Truck				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works/ Rec	DPW	June 30, 2020	I	\$31,108	

1. General Project Description: To buy a replacement truck (Ford F150 4x4) for parks maintenance worker. The existing truck (2005 Ford F250) came from fire department as a startup truck.

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

The new truck will keep reduce maintenance cost and serve the city for many years to come. Truck will be utilized at DPW during off season.

3. Is this a replacement item? Yes, to replace old truck from the Fire Department which has 44,057 miles currently.

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

Based on purchase of similar truck -

Quote from 6/2020 from Grappone Ford

Quote includes

-Spray in bed liner

-Bed mounted tool box

-Bed mounted back / work rack \$30,202

Price escalated 3% per year to FY2022 - \$31,108



Total Project Funds:		FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	Total
Sources:								\$0
General Fund					\$31,108			\$31,108
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$0	\$0	\$0	\$31,108	\$0	\$0	\$31,108
Commence FY:					Prior Years' Funding			
					Total Project			\$31,108

DATA ENTRY FORM #J13

Project Title:	Pavement Management Program				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	June 30, 2020	I	\$1,350,000 per year	

1. General Project Description: In Summer 2019, the City underwent a reevaluation and update of the original 2014 pavement management assessment. The condition of approximately 50 miles of City-maintained paved roads was evaluated using a GPS-linked software. The pavement condition imaging data was linked to the City's GIS roadway centerline maps to pinpoint defects in the paved surfaces; the data was used to develop a long-term pavement management plan for the City. The program assigned a road surface rating (RSR) to the paved road segments using a scale from 100 (new pavement) to 0 (dirt road). The City's overall RSR is approximately 64, an improvement from 2014 when it was just 55. Generally communities target an RSR of +/- 70. The program applies local costs to pavement preservation, resurfacing, and reconstruction.

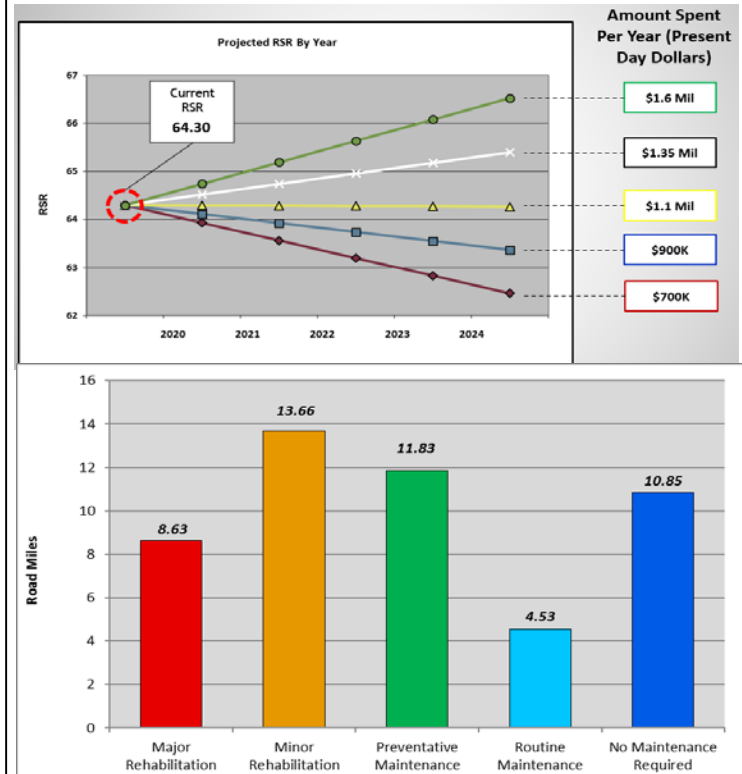
As of July 2019, the pavement assessment ratings indicated that there were:

- 11 road-miles with no maintenance required at this time
- 16 road-miles in need of preservation or routine maintenance;
- 14 road-miles in need of resurfacing; and
- 9 miles needing complete reconstruction.

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 \$1,350,000 is recommended in order see a continued improvement in the City's road network rating.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund		\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$8,100,000
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
	Totals	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$1,350,000	\$8,100,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$8,100,000

Project Title:	Expansion of DPW Building				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	June 30, 2020	II	\$270,000	

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.

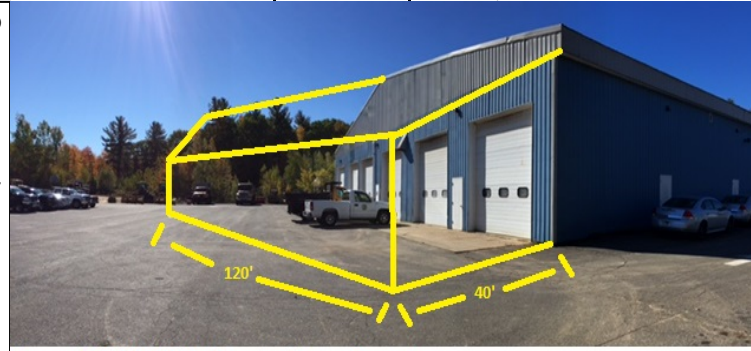
4. List name of Firm and price of quotes received.

-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 and construction to be completed in FY2026.

-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-\$30,000 (FY2019 dollars). Escalated 3% per year to FY2026.



Proposed DPW&Utilities Aparatus Garage Expansion



Existing DPW&Utilities Aparatus Garage

Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$291,500		\$291,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$291,500	\$0	\$270,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$270,000

Project Title:	Forest Glade Cemetery - Furber Memorial Chapel Restoration			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	II	\$110,500

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. Staff prepared an LCHIP Grant and a Moose Plate Grant in 2019 to replace the slate roof.

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

The project will preserve the chapel and address building condition concerns including repairing the north wall stonework, and exterior masonry repointing.

3. Is this a replacement item? No

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

Building Condition report was prepared by Groundroot Preservation; report is dated May 2018.

Cost estimate for recommended improvements after inflation to FY2025:

-Repair north wall stonework: \$61,500
 -Exterior masonry repointing: \$49,000

Note: Slate roof and flashing replacement was removed from this work as it will be completed in 2020/2021.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund					\$110,500			\$110,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$110,500	\$0	\$0	\$110,500
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$110,500

Project Title:	Slipline Drainage Line between Franklin and Green Street			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	II	\$98,000

1. General Project Description: This project would involve structurally sliplining the existing 100+ year old 15" clay pipe running between Franklin Street and Green Street near the intersection of South Street.

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

A June 2020 TV camera investigation indicated that this clay pipe section has a number of highly offset joints, indicating potential structural weaknesses. This segment of pipe is just downstream of another segment of failing pipe that is being similarly lined in 2020. Lining this pipe, which runs through backyards, underneath sheds, and next to building foundations, would be very expensive to conduct any open-trench repairs or replacement. Pre-emptively lining the pipe before it suffers from any collapses or other issues will be considerably less expensive.

3. Is this a replacement item? No

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

Ted Berry provided an estimate to slipline a similar segment of pipe just upstream (Franklin-Fremont) of \$40,000 in 2019. Scaling that length of pipe (~300 feet) to this length of pipe (~500 feet), adding a 15% contingency, and escalating 3% per year to FY2027 results in a price estimate of approximately \$98,000.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund							\$98,000	\$98,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$98,000	\$98,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$98,000

Project Title:	Forest Glade Cemetery Expansion Design			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	June 30, 2020	II	\$35,000

1. General Project Description: This project would engage a landscape architect experienced with cemetery design to work with City Staff and the Cemetery Trustees to design an expansion of the Forest Glade Cemetery into a cleared but currently unoccupied section of the property. The Cemetery Trustees have expressed a desire to lay out this expansion area in a manner consistent with the rest of the cemetery.

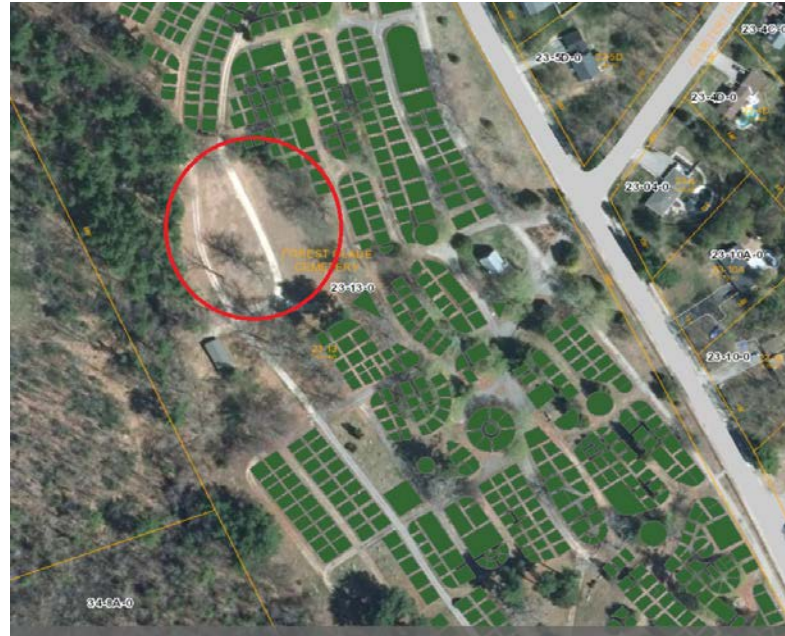
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

The Forest Glade Cemetery has approximately 35-40 remaining full burial plots in the existing laid-out areas, and the City sold about 3 full burial plots per year on average between 2014 and 2019 (16 total). Laying out the expansion area while there is still remaining room will allow time for the City to create a design, develop cost estimates, and incorporate expected funding needs into the City's long-term financial budget planning process before the Cemetery is out of space. Expanding into this currently undeveloped area is expected to provide another 200-300 full burial plot spaces for sale, providing many decades worth of additional spaces.

3. Is this a replacement item? No.

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

Placeholder price estimate. Working with Ironwood Design Group on a planning-level cost estimate.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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:	Quarter:				Prior Years' Funding			
					Total Project			\$35,000

DATA ENTRY FORM #K1

Project Title:	HS - HVAC, Ventilation Design, Plan & Specifications			
Department:	Submitted By:	Date:	Priority:	Project Cost:
HS-31	Karl Ingoldsby	Sep-17	I	\$550,000

Project Description:

Replace ventilation units:

HS-RTU-04 Computer Lab

HS-RTU-05 Library

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 in two to three years in energy efficiency. Will allow for remote control and zone heating.

Quotes received:

EEI

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund			\$550,000					\$550,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$550,000	\$0	\$0	\$0	\$0	\$550,000
Commence FY:	Quarter:			Prior Years' Funding				
				Total Project				\$550,000

Project Title:	MS - HVAC, Ventilation Design, Plan & Specifications			
Department:	Submitted By:	Date:	Priority:	Project Cost:
MS-21	Karl Ingoldsby	Aug-20	I	\$1,100,000

Project Description:

Replace 25 Unit ventilators.

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 in two to three years in energy efficiency. Will allow for remote control and zone heating.

Quotes received:

EEI

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

Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund		\$1,100,000						\$1,100,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$1,100,000	\$0	\$0	\$0	\$0	\$0	\$1,100,000
Commence FY:	Quarter:			Prior Years' Funding				
						Total Project		\$1,100,000

DATA ENTRY FORM #K3

Project Title:	Asbestos Flooring Replacement				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
DW-90	Karl Ingoldsby	Sep-17	I	\$214,000	

Project Description:

OBJECTIVE:

Remove existing vinyl asbestos tile (VAT) flooring. High School approximately 36,400 sq. ft..

Is this a replacement item? NO

If NOT, How was the need previously met?

SOLUTION:

Strip VAT flooring and replace with new vinyl composition (VCT) tile flooring.

Quotes received:

Harriman Estimate - Revised April 2013

Currently obtaining updated quotes

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund		\$214,000						\$214,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$214,000	\$0	\$0	\$0	\$0	\$0	\$214,000
Commence FY:	Quarter:			Prior Years' Funding				
				Total Project				\$214,000

DATA ENTRY FORM K4

Project Title:	Middle School/High School/CTC-Asphalt Repairs/Paving			
Department: MS-21	Submitted By: Karl Ingoldsby	Jul-18	Priority: I	Project Cost: \$500,000

Project Description:

The asphalt in the back of the middle school, High School and CTC 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, High School and CTC

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:

Currently obtaining updated quotes

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease							\$500,000	\$500,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$500,000

DATA ENTRY FORM K5

Project Title:	Middle School-Roof Replacement			
Department: MS-21	Submitted By: Karl Ingoldsby	Jul-19	Priority:	Project Cost: \$1,000,000
			I	

Project Description: Middle School Roof Replacement

OBJECTIVE:

Replace existing roof with a new roof.

Is this a replacement item? Yes

If NOT, How was the need previously met?

SOLUTION:

Quotes received: Currently obtaining quotes.

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund					\$1,000,000			\$1,000,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$1,000,000

DATA ENTRY FORM K6

Project Title:	High School - Roof Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
HS-31	Karl Ingoldsby	Jul-19	I	\$1,500,000

Project Description: High School Roof Replacement

OBJECTIVE:

Replace existing roof with new roof.

Is this a replacement item? Yes

If NOT, How was the need previously met?

SOLUTION:

Quotes received: Currently obtaining quotes.

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$1,500,000		\$1,500,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$1,500,000
Commence FY:	Quarter:			Prior Years' Funding				
						Total Project		\$1,500,000

DATA ENTRY FORM #K7

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

Currently obtaining updated quotes

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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

DATA ENTRY FORM #K8

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

Currently Obtaining Updated quotes

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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	\$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: Karl Ingoldsby	Sep-17	Priority:	Project Cost: \$416,000
			V	

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.

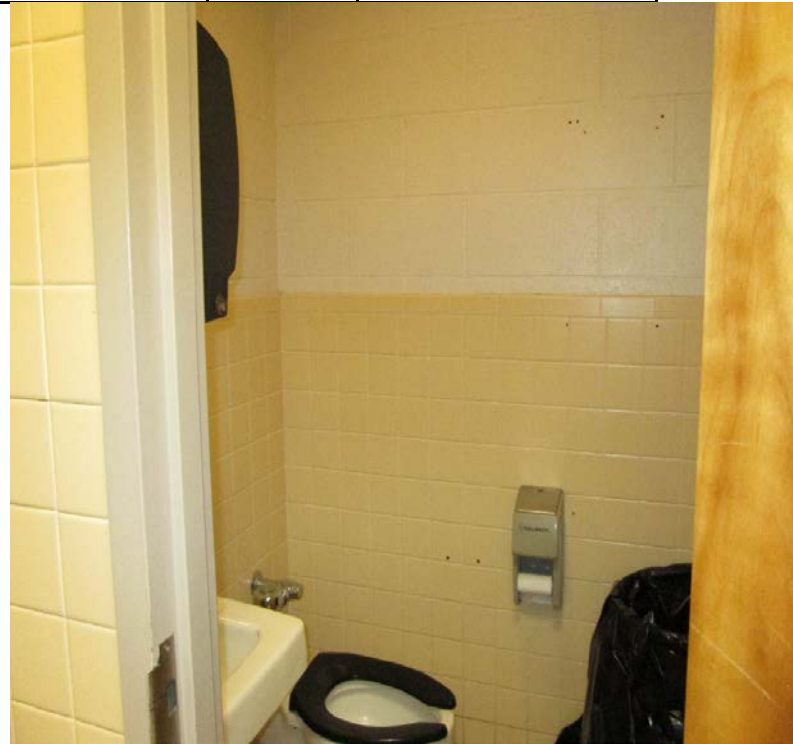
Quotes received:

Harriman Estimate - Revised September 2011

Currently Obtaining Updated Quotes

Building Aid? No

Percent Reimbursable? 0%



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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: Karl Ingoldsby	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- July 2018

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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:	Quarter:					Prior Years' Funding		
						Total Project		\$37,997

DATA ENTRY FORM K11

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

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:		FY22	FY23	FY24	FY25	FY26	FY27	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:	Quarter:					Prior Years' Funding		
						Total Project		\$35,000

DATA ENTRY FORM # L1

Project Title:	Water Main: Main Street from Indigo Hill Road to Wildflower Circle, and Daniel Street			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	July 14, 2020	II	\$1,447,900

1. General Project Description: A replacement of the 8-inch water main on Main St. from Indigo Hill Road to Wildflower Circle and all of Daniel Street (approximately 5,200 feet). The City hired a consultant, Wright Pierce, to complete a water distribution study in 2013. The study identified this water main as the number one priority for improvement to the City's water 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 (Contract City Engineer) estimated main replacement and associated services, hydrants and valves at \$240 per foot in FY2019 (and inflated 4 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:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$125,700	\$1,322,200					\$1,447,900
Other								\$0
	Totals	\$125,700	\$1,322,200	\$0	\$0	\$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:	Project Cost:	
Water	Michael Bobinsky	July 14, 2020	II	\$3,000,000	

1. General Project Description? The City is undergoing a water storage analysis study that will be completed in FY2021, which will include a recommendation for addressing the City's water storage needs and the future of the Noble Pines Water Tank. Engineering design and construction will be budgeted in FY2022 with a \$3.0 million placeholder.

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

3. Is this a replacement item? Yes.

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. Updated price estimates will be provided as part of the ongoing drinking water storage and asset management study.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund		\$3,000,000						\$3,000,000
Other								\$0
	Totals		\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
Commence FY:		Quarter:				Prior Years' Funding		
			Total Project				\$3,000,000	

DATA ENTRY FORM #L3

Project Title:	Water Distribution Improvements: Indigo Hill Road - Main Street to Rita Road				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Water	Mike Bobinsky	July 14, 2020	II	\$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 Buffumsville 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 FY2024 at \$160,000. These segments of road were resurfaced in FY2020, but will be removed from the excavation moratorium by FY2023.

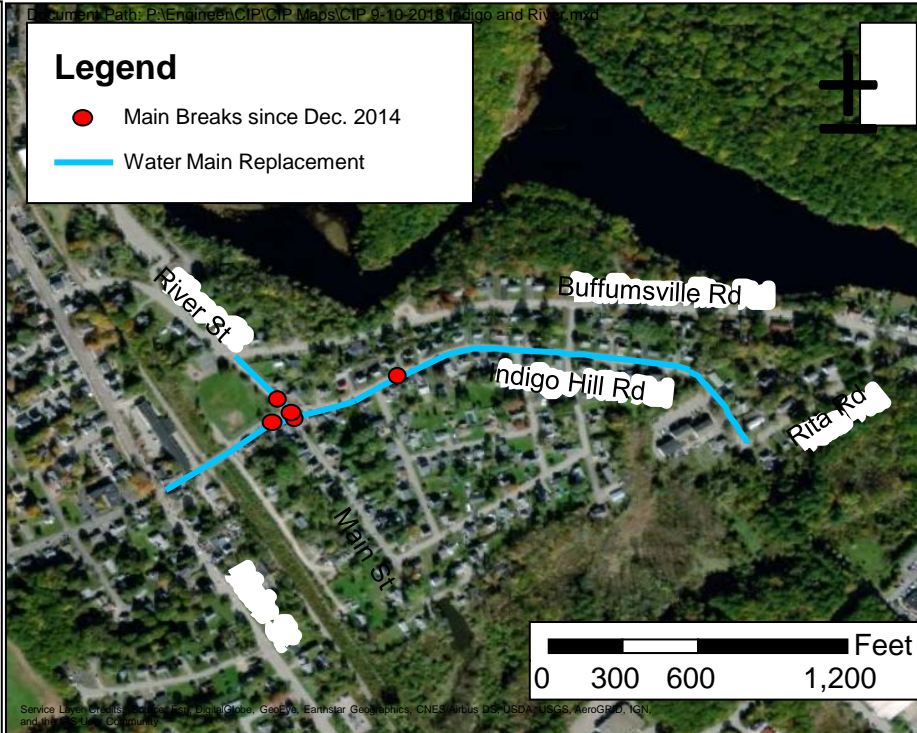
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

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

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.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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	\$160,000	\$1,240,000	\$0	\$0	\$1,400,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$1,400,000

DATA ENTRY FORM #L4

Project Title:	Replacement Truck for Water Distribution - Truck 903				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Water	Michael Bobinsky	July 14, 2020	II	\$61,200	

1. 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.

2. 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 53,139.

3. Is this a replacement item? Yes. It will replace 2010 Chevy 4500 Van that is currently used by the Distribution Division.

4. List name of Firm and price of quotes received. Lebanon Ford, \$54,415 for a 2019 Transit-350. An inflationary value of 3% per year has been added to the vehicle cost. The current intent is to trade-in or auction off the existing vehicle at the time of replacement.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund		\$61,200						\$61,200
Other								\$0
	Totals	\$61,200	\$0	\$0	\$0	\$0	\$0	\$61,200
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$61,200

I	Water Main: West High - High Street to James Ave.			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	July 14, 2020	II	\$1,242,300

1. 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-inch main to a 10-inch main.

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 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.

3. Is this a replacement item? Yes

4. 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 FY2019 price provided by Dubois & King (Contract City Engineer) of \$240 per foot plus 3% for 6 years of inflation = \$287 per foot.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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	\$130,800	\$1,111,500	\$0	\$0	\$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	July 14, 2020	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 cabinets. 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 water pumps to bring water from the river to the treatment plant. These replacement controllers would allow the recently (2016) replaced raw pumps to operate at maximum capability. The existing controllers that were installed in 2007 have an estimated 15-year service life.

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 (2019); a 15% inflationary adjustment over 5 years will be \$75,000.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$75,000				\$75,000
Other								\$0
	Totals	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$75,000

DATA ENTRY FORM # L7

Project Title:	Pipe Rehabilitation Program Study			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	July 14, 2020	II	\$135,000

- 1. General Project Description:** Section 5.4.1 of the Wright-Pierce Water Distribution System Evaluation report recommended the City undertake a pipe rehabilitation program study to evaluate the condition of the City's older water mains. This will result in a priority list to help inform a water main replacement/rehabilitation program.
- 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** A water main replacement program will help reduce long-term maintenance costs, improve service disruptions due to water main breaks, and reduce system water loss. A program study would help provide cost savings as pipe rehabilitation, where feasible, can be less expensive than full pipe replacement.
- 3. Is this a replacement item?** No.
- 4. List name of Firm and price of quotes received.**
Wright-Pierce estimated a program study would cost \$100,000 in 2013. Escalated to FY2023 at 3% per year, this is approximately \$135,000.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund			\$135,000					\$135,000
Other								\$0
	Totals	\$0	\$135,000	\$0	\$0	\$0	\$0	\$135,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$135,000

DATA ENTRY FORM # L8

Project Title:	Water Treatment Plant Engineering Evaluation			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	July 14, 2020	II	\$75,000

1. General Project Description: This line item would fund an engineering evaluation of the City water treatment plant, which will be approximately 15+ years after the last set of upgrades in 2006/2007. The study would assess the overall condition of the water treatment plant systems and provide the City with a maintenance and capital outlay plan to identify the best ways to maintain the plant's effectiveness.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? An engineering assessment of the water treatment plant will help identify the best way continue efficiently and effectively operating the water treatment plant as its system begin to age and components begin to approach their expected life span. This will allow the City to develop a planned maintenance and capital outlay program for the Water Treatment Plant.

3. Is this a replacement item? No.

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

No quotes collected at this time; this is functioning as a placeholder until quotes are collected closer to the time of assessment.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund				\$75,000				\$75,000
Other								\$0
	Totals	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$75,000

DATA ENTRY FORM # L9

Project Title:	Green Street (Indigo Hill Rd - City Boundary) Water Main Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	July 14, 2020	II	\$2,678,500

1. General Project Description: Section 5.4.2 of the 2013 Wright-Pierce Water Distribution System Evaluation report identified this segment of Green Street as the next priority water distribution project not already completed or in the CIP. This project would replace the existing 80-to-90-year-old unlined cast iron main with a new 12-inch main. This item would fund the engineering design and planning associated with this work, which would then be planned for FY2025.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This project will improve reliability, reduce staff responses to main breaks, and provide appropriate fire flows in this area. There have been two breaks on this main in the past two years, and three in the past five years.

3. Is this a replacement item? Yes.

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

Wright-Pierce estimated it would cost \$1,610,000 to replace this segment of water main in 2013 dollars, or \$2,435,000 when escalated to FY2027 at 3% per year. Engineering was assumed to cost about 10% of the total construction cost.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund						\$243,500	\$2,435,000	\$2,678,500
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$243,500	\$2,435,000	\$2,678,500
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$2,678,500

DATA ENTRY FORM #M1

Project Title:	Phase II - Upgrade				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Sewer	Michael Bobinsky	June 29, 2020	III	\$7,778,000	

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

Sludge holding tanks mixing system upgrade - \$1,140,000

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:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease				\$7,778,000				\$7,778,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$7,778,000	\$0	\$0	\$0	\$7,778,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$7,778,000

Project Title:	Portable Vacuum Unit			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Sewer	Michael Bobinsky	June 29, 2020	I	\$77,454

1. **General Project Description:** Truck or trailer-mounted vacuum unit for sewer clearing. The City is proposing to truck-mount the unit in a 6-wheeler when used. Picture shown is the trailer-mounted version.

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. Current procedure is to use the sewer jet to clear the blockage and send it downstream, resulting in having to "chase" the blockage until it is broken down enough to not create additional blockages. With this unit the blockage can be removed at the source. Thus cutting down on time the crew is dealing with the back up and minimizing the possibility of additional issues in the future.

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: \$70,504

Boom to support suction hose: \$3,550

Reversible flow for pumping out: \$3,400

Total cost: \$77,454



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund			\$77,454					\$77,454
Other								\$0
	Totals	\$0	\$77,454	\$0	\$0	\$0	\$0	\$77,454
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$77,454

Project Title:	Sewer Collection System Assessment and Flow Monitoring Study			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Sewer	Michael Bobinsky	June 29, 2020	I	\$95,000

1. **General Project Description:** Conduct an engineering assessment of the sewer collection system to address its overall condition and identify sources of inflow and infiltration. Inflow/infiltration refers to 'clean' water that does not originate from a sewer service or other sewage input, and does not need to be in the sewer system or pass through the wastewater treatment plant. Inflow is when stormwater enters the sewer system through foundation or roof drains, sump pumps, and other sources.

2. **How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** A detailed engineering study will allow the City to identify sewer lines, manhole structures, and other sources of inflow/infiltration and determine a plan to reduce or eliminate them. Inflow and infiltration place unnecessary hydraulic loads on the sewer system and wastewater plant; reducing it can improve wastewater plant operations and reduce operating costs as we are no longer treating 'clean' water that should be routed through the storm system.

3. **Is this a replacement item?** No.

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

Wright-Pierce estimated a study would cost approximately \$80,000 in 2019. After escalating 3% per year and adding a 10% contingency, this work is estimated at approximately \$95,000.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund		\$95,000						\$95,000
Other								\$0
	Totals	\$95,000	\$0	\$0	\$0	\$0	\$0	\$95,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$95,000

Project Title:	Adding Third Aeration Basin			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Sewer	Michael Bobinsky	June 29, 2020	II	\$7,314,000

1. General Project Description:

This upgrade addresses the need for greater treatment capacity within our wastewater treatment facility. Increased commercial and industrial businesses along with a growing residential community are putting a great deal of stress on our existing facility. Currently we are operating at 96% of design BOD loading which exceeds the 85% recommended limit by NH-DES.

Construction cost \$6,360,000

Engineering cost estimate (15%) - \$954,000

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

This will add significantly more BOD loading capacity to the current wastewater treatment facility.

3. Is this a replacement item? No, this adds an additional biological treatment train used to remove incoming water(BOD) pollutants.

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.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease					\$7,314,000			\$7,314,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$7,314,000	\$0	\$0	\$7,314,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$7,314,000

DATA ENTRY FORM #N1

Project Title:	Constitutional Way Reconstruction				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 14, 2020	II	\$1,086,900	

1. General Project Description: Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, installing new sidewalks and reconstructing the roadway surface along Constitution Way from High Street to Washington Street. This segment was resurfaced with a mill-and-overlay treatment in the late fall 2018.

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

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 past the expiration of the excavation moratorium.

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.

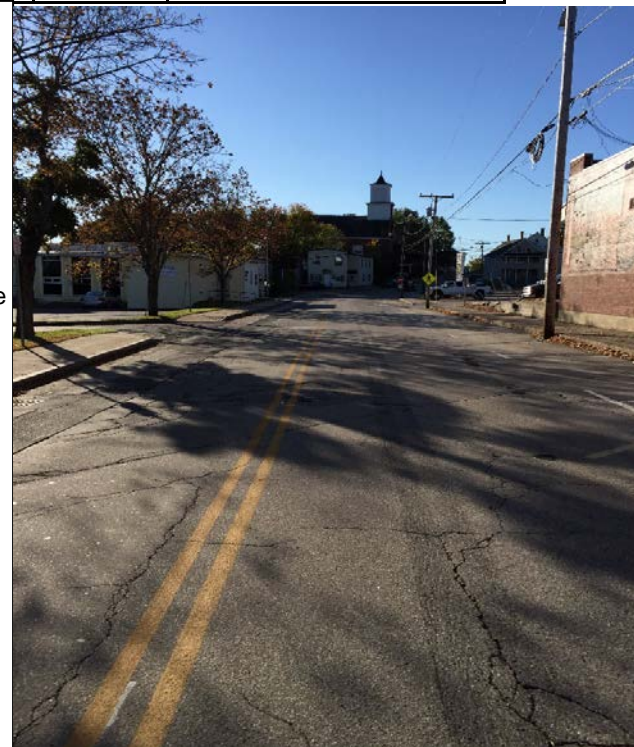
Conceptual level opinion of construction cost developed by Wright-Pierce in 2018. Includes a 30% contingency factor to account for design unknowns. Costs inflated 3% per year to FY2026.

-Road, Drainage, Sidewalk, engineering: \$ 565,200

-Water System Improvements: \$ 217,400

-Sewer Line Replacement: \$ 304,300

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



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$565,200		\$565,200
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$521,700		\$521,700
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$1,086,900	\$0	\$1,086,900
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$1,086,900

Project Title:	High Street - Blackwater Road to Franklin Street				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 14, 2020	II	\$3,669,400	

1. General Project Description: : Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, installing new sidewalks and reconstructing the 3,100-ft segment along High Street from Blackwater Road to Franklin Street. This segment was resurfaced with a mill-and-overlay treatment in May 2019.

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.

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.

Conceptual level opinion of construction cost developed by the previous contract City Engineer from Dubois and King, escalated by 3% per year to FY2025.

-Road, Drainage, Sidewalk, engineering: \$1,824,300
-Water System Improvements: \$ 685,600
-Sewer Line Replacement: \$ 473,600



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$82,000	\$1,997,600	\$2,079,600
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$164,100	\$1,425,700	\$1,589,800
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$246,100	\$3,423,300	\$3,669,400
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$3,669,400

DATA ENTRY FORM #N3

Project Title:	Main Street Construction - John Parsons Drive to Indigo Hill Road				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 14, 2020	II	\$6,403,100	

1. 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 compliment planning outcomes for the redevelopment of the Somersworth Plaza site. This segment was resurfaced with a mill-and-overlay treatment in fall 2018.

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.

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 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.

-Road, Drainage, Sidewalk	\$3,329,600
-Water System Improvements:	\$1,280,600
-Sewer Line Replacement:	\$1,792,900
Total	\$6,403,100

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.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	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	\$6,403,100	\$0	\$0	\$0	\$6,403,100
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$6,403,100

DATA ENTRY FORM #N4

Project Title:	Washington Street - Main Street to High Street				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 14, 2020	II	\$1,777,300	

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. This segment was resurfaced with a mill-and-overlay treatment in the late fall 2018.

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 cost developed by the previous contract City Engineer from Dubois and King and projected at 3% inflation per year to be conducted in FY26.



Total Project Funds:		FY22	FY23	FY24	FY25	FY26	FY27	Total
Sources:								\$0
General Fund						\$41,250	\$983,300	\$1,024,550
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$83,750	\$669,000	\$752,750
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$125,000	\$1,652,300	\$1,777,300
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$1,777,300