

**SOMERSWORTH, NH
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEAR 2021-2026**



**SUBMITTED TO PLANNING BOARD
OCTOBER 16, 2019**

**SUBMITTED TO CITY COUNCIL
DECEMBER 13, 2019**



CITY OF SOMERSWORTH, N.H.

CITY COUNCIL

Dana S. Hilliard, Mayor

Martin Pepin, Ward 1
Kenneth S. Vincent, Ward 2
Martin P. Dumont, Sr., Ward 3
Don Austin, Ward 4
Richard Michaud, Ward 5

Nancie Cameron, At Large
David A. Witham, At Large
Dale R. Sprague, At Large
Edward R. Levasseur, At Large

CITY MANAGER

Robert M. Belmore

PLANNING BOARD MEMBERS

Ron LeHoullier, Chairman
Harold Gupitill, Vice Chairman
Jeremey Rhodes
Paul Robidas
Jason Barry, Alternate

Robert M. Belmore, City Manager
David A. Witham, City Council Rep.
Chris Horton
Kenneth S. Vincent, City Council Alt.
Keith Perkins, Alternate

DEPARTMENTS

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

SCHOOL BOARD

Ward 1: Maggie Larson
Ward 2: Matthew Hanlon
Ward 3: John O'Brien
Ward 4: Kyla Yoder
Ward 5: Thomas McCallion

At Large: Mark Richardson, Chairman
At Large: Gerri Cannon
At Large: Todd Marsh
At Large: Steven Potter

Dr. Robert Gadomski, Superintendent SAU56
Katie Krauss, Business Administrator
October 2019

SOMERSWORTH, NEW HAMPSHIRE

City of Somersworth
One Government Way
Somersworth, NH 03878



City Hall
603.692.4262
www.somersworth.com

October 16, 2019

Memorandum of Transmittal

Dear Planning Board Members:

Preliminary Comments

I am pleased to submit for your review and comment the Fiscal Year 2021–2026 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.

Part of the focus of capital planning, is looking for opportunities to fund projects by issuing debt at a time when debt for other projects is expiring, thereby reducing the impact the new debt payments would have on the property tax rate. An example of this planning is the new Fire Station proposed in fiscal year 2021. The project is currently in the preliminary design phase in an effort to get a good plan and much more accurate cost estimates before moving to final design. The timing is important because the City will pay off debt in August 2021 that was issued to build a new Police Station. The City Council will be able to consider issuing debt for the Fire Station project essentially replacing old debt which will minimize the impact to the budget.

The Capital Improvement Plan has been instrumental in helping focus on road improvements. The recommendation in the plan is an annual appropriation of \$1,300,000 for continued resurfacing of City roads. The current budget was able to utilize a combination of funding from State and City appropriations to fund over \$1,400,000 in road resurfacing projects throughout the City. The actual list of roads currently being resurfaced are identified in this plan on a supporting document titled “Completed/In Progress Projects from Prior Plans”.

The City continues to focus on updating and improving vehicles and equipment providing essential services to the community. Based on last year’s CIP, the City is replacing a police cruiser, DPW plow truck, PW 1-Ton truck, a Fire Forestry truck, and a 3/4-Ton truck for the Fire Department with a plow.

The CIP is also essential for maintaining the City’s Water and Wastewater utilities. In addition to utility improvements contained in the complete streets section, the City continues to keep up to date on other infrastructure vital to running these systems. Based on recommendations from prior plans, the City has appropriated funding to engage an engineering company to provide an analysis and recommend improvements of, or the replacement of the Noble Pines water storage tank. Additionally, funding has been appropriated to provide an analysis to determine the feasibility of using the well field on Rocky Hill Road as an additional water source. A request for proposals for these projects is being developed at this time and should be released shortly. Proper supply and storage of potable water is essential for any community’s future growth and safety.

The City is also moving forward with a \$13 million upgrade at the Wastewater Treatment Facility. This project is almost fully designed, and is scheduled to go out to bid this Fall with construction starting in Spring 2021. This plan currently recommends Phase II upgrades to the WWTF in fiscal year 2024. These upgrades are vital to handle the growing demands of the City and are being designed to deal with additional growth in the future.

Guidelines

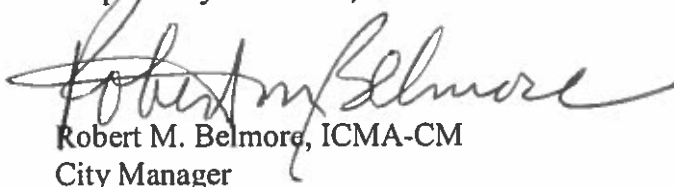
The structure of the CIP is to classify projects according to the urgency and the need for realization and recommends a time sequence for their implementation. The program must contain estimated costs, probable revenues, if any, and existing sources of funds or the need for additional sources for the 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, ICMA-CM
City Manager

CAPITAL IMPROVEMENT PROGRAM
Capital Improvement Projects by Division

Table of Contents

Introduction

Summary of Projects

Supporting Tables

DEPARTMENT of DEVELOPMENT SERVICES

A Division of Economic Dev., Planning and Code Enforcement

Feasibility Study – Riverwalk Expansion
Master Plan Update

B City Owned Property/Building Division

City Hall High Efficiency Condensing Boiler
City Hall Individual Office Heat/Cool Pumps

C Recreation Division

Millennium Park Pavilion
Jules Bisson & Noble Pines Basketball Court Rehab
Memorial Drive Tennis Courts
Veterans Memorial at Stein Park

CITY MANAGER/FINANCE DEPARTMENT

E City Manager – Finance & Administration

Network Improvements

PUBLIC SAFETY DEPARTMENTS

G Fire Department

New Fire Station
Replace Car 1
Replace 1995 Pumper – Engine 2
Vehicle Mobile Radios
Replace Self-contained Breathing Apparatus
Refurbish Aerial Ladder

H Police Department

Police Cruiser – Ford Explorer Package
Replacement Undercover Vehicle

DEPARTMENT of PUBLIC WORKS

J Public Works Department

- Addition of One-Ton Dump Truck
- Replacement of One-Ton Dump Truck # 103
- Combination Plow Truck No. 311
- 3 Ton Asphalt Recycler & Hot Box Trailer
- Replacement of 2008 John Deere Loader 503
- Addition of Sidewalk Tractor
- Pavement Management Program
- Expansion of DPW Building
- Forest Glade Cemetery-Furber Memorial Chapel Restoration
- Drainage Improvements – Fremont to Franklin Street
- Rocky Hill Road – Culvert Replacement
- City Engineer Vehicle
- Replacement Sidewalk Tractor

SCHOOL DEPARTMENT

K School Department

- District Wide-HVAC, Ventilation Design, Plan Specifications
- High School-Asbestos Flooring Replacement
- Middle School – Replace Boilers & Controls 1 through 5
- Middle School Elevator Replacement
- Middle School/High School/CTC-Asphalt Repairs / Paving
- Middle School – Roof Replacement
- High School Roof Replacement
- Maple Wood – Bathroom Renovations
- Middle School – Repairs to Exterior Wall of 1962 Section & Doors
- Middle School-Repairs to Exterior Walls of 1962
- Section Windows
- Middle School – Re-Hab Bathrooms/Including ADA Imp
- High School – Boiler Replacement
- District Wide-New Maintenance Truck with Plow
- District Wide-Special Education Van Replacement

UTILITIES – ENTERPRISE FUNDS

L Water Fund

- Water Main, Main St. from Indigo Hill Rd. to Wildflower Circle
- and Daniel St.
- Noble Pines (Hamilton St.) Water Tank Rehabilitation
- Water Distribution Improvements: Indigo Hill Road-Main Street to
- Rita Road
- Replacement Truck for Water Distribution – Truck 903
- Water Main – W. High Water- High St. to James Ave.
- Raw Water Variable Frequency Drive Controllers
- Pipe Rehabilitation Program Study
- Water Treatment Plant Engineering Evaluation

M Sewer Fund

Phase II-Upgrade
Portable Vacuum Unit
Sewer Collection System Assessment & Flow Monitoring

*N Pavement Management Plan (PMP)
Complete Streets Project*

Cemetery Road Reconstruction
Constitutional Way Reconstruction
High Street-Blackwater Road to Franklin Street
Main Street Construction-John Parsons Drive to Indigo Hill Road
Washington Street –Main Street to High Street

City of Somersworth, NH

Capital Improvements Program

FY 2021-2026

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) 2021, 2022, 2023, 2024, 2025 and 2026. FY 2021 begins on July 1, 2020 and ends on June 30, 2021. 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 2017

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

FY 2018

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

FY 2019

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

FY 2020

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

Equipment/Other:

FY 2017

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

FY 2018

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

FY 2019

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

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

Roads/Infrastructure

FY 2017

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

FY 2018

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

FY 2019

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

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

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	FY21	FY22	FY23	FY24	FY25	FY26	Totals FY21-FY26
	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	Millennium Park Pavilion	G/F Op	I	III	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
C	Jules Bisson & Noble Pines Basketball Court Rehab	G/F Op	III	III	\$0	\$13,150	\$26,300	\$13,150	\$0	\$0	\$52,600
C	Memorial Drive Tennis Courts	G/F Op	III	III	\$0	\$0	\$0	\$10,000	\$0	\$0	\$10,000
C	Veterans Memorial at Stein Park	G/F Op -Grant	II	II	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
	DIV. OF RECREATION TOTALS				\$150,000	\$53,150	\$26,300	\$23,150	\$0	\$0	\$252,600
	DEVELOPMENT SERVICES DEPT. TOTALS				\$150,000	\$153,150	\$56,300	\$23,150	\$20,000	\$0	\$402,600
	CITY MANAGER/FINANCE DEPARTMENT										
E	Network Improvements	G/F Op	II	II	\$22,500	\$0	\$0	\$0	\$0	\$0	\$22,500
	CITY MANAGER/FINANCE DEPARTMENT TOTALS				\$22,500	\$0	\$0	\$0	\$0	\$0	\$22,500
	PUBLIC SAFETY-FIRE DEPARTMENT										
G	New Fire Station	Bond	I	I	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000
G	Replace Car 1	Lease	II	II	\$0	\$0	\$0	\$45,000	\$0	\$0	\$45,000
G	Replace 1995 Pumper - Engine 2	Lease	I	I	\$615,000	\$0	\$0	\$0	\$0	\$0	\$615,000
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	\$0	\$66,096	\$69,400	\$85,015	\$220,511
G	Refurbish Aerial Ladder	G/F Op	I	II	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
	Public Safety - Fire Dept. Total				\$5,643,569	\$0	\$0	\$111,096	\$69,400	\$235,015	\$6,059,080
	PUBLIC SAFETY-POLICE DEPARTMENT										
H	Police Cruiser - Ford Explorer Package	Lease	I	I	\$56,778	\$58,481	\$60,236	\$62,043	\$63,904	\$65,821	\$367,263
H	Replacement Undercover Vehicles	Lease	I	I	\$22,995	\$23,685	\$24,395	\$25,127	\$25,881	\$26,658	\$148,741
	Public Safety - Police Dept. Total				\$79,773	\$82,166	\$84,631	\$87,170	\$89,785	\$92,479	\$516,004
	PUBLIC WORKS DEPARTMENT										
J	Addition of a 1 ton dump truck	Lease	II	III	\$0	\$0	\$0	\$0	\$0	\$68,300	\$68,300
J	Replacement of One-Ton Truck No. 103	Lease	III	II	\$56,371	\$0	\$0	\$0	\$0	\$0	\$56,371
J	Combination Plow Truck No. 311	Lease	II	II	\$0	\$0	\$0	\$0	\$0	\$241,000	\$241,000
J	3 Ton Asphalt Recycler & Hot Box Trailer	G/F Op	II	III	\$0	\$0	\$0	\$0	\$37,954	\$0	\$37,954
J	Replacement of 2008 John Deere Loader 503	Lease	III	II	\$0	\$0	\$132,475	\$0	\$0	\$0	\$132,475
J	Addition of Sidewalk Tractor	Lease	I	II	\$0	\$175,693	\$0	\$0	\$0	\$0	\$175,693
J	Pavement Management Program	G/F Op	I	I	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
J	Expansion of DPW Building	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$270,000	\$270,000
J	Forest Glade Cemetery - Furber Memorial Chapel Restoration	G/F Op	II	II	\$0	\$0	\$0	\$0	\$184,500	\$0	\$184,500
J	Drainage Improvements - Fremont to Franklin Street	G/F Op/E/F Op	II	II	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
J	Rocky Hill Road - Culvert Replacement	G/F Op	I	I	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
J	City Engineer Vehicle	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$18,950	\$18,950
J	Replacement sidewalk tractor	Lease	II	III	\$0	\$0	\$0	\$0	\$0	\$197,750	\$197,750
	PUBLIC WORKS DEPARTMENT TOTAL				\$1,546,371	\$1,475,693	\$1,432,475	\$1,300,000	\$1,522,454	\$2,096,000	\$9,372,993
	TOTAL CITY GENERAL FUND				\$7,442,213	\$1,711,009	\$1,573,406	\$1,521,416	\$1,701,639	\$2,423,494	\$16,373,177

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	FY21	FY22	FY23	FY24	FY25	FY26	Totals FY21-FY26
	SCHOOL DEPARTMENT									
K	District Wide - HVAC, Ventilation Design, Plan & Specifications	G/F Op	I	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$600,000
K	High School - Asbestos Flooring Replacement	G/F Op	I	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$0	\$214,000
K	Middle School - Replace Boilers and Controls 1 through 5	G/F Op	I	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000
K	Middle School-Elevator Replacement	G/F Op	I	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
K	Middle School/High School/CTC-Asphalt Repairs/Paving	Bond	I	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
K	Middle School-Roof Replacement	G/F Op	I	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000
K	High School - Roof Replacement	G/F Op	I	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000
K	Maple Wood - Bathroom Renovations	G/F Op	II	\$0	\$370,000	\$0	\$0	\$0	\$0	\$370,000
K	Middle School - Repairs to Exterior walls of 1962 Section & Doors	G/F Op	IV	\$38,000	\$0	\$0	\$0	\$0	\$0	\$38,000
K	Middle School - Repairs to Exterior walls of 1962 Section Windows	G/F Op	IV	\$0	\$95,000	\$0	\$0	\$0	\$0	\$95,000
K	Middle School - Re-Hab Bathrooms/Including ADA Imp	G/F Op	V	\$0	\$0	\$416,000	\$0	\$0	\$0	\$416,000
K	High School - Boiler Replacement	G/F Op	V	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
K	District Wide- New Maintenance Truck with Plow	G/F Op	V	\$0	\$0	\$0	\$0	\$0	\$37,997	\$37,997
K	District Wide-Special Education Van Replacement	G/F Op	V	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
	SCHOOL DEPARTMENT TOTAL			\$891,500	\$618,500	\$569,500	\$803,500	\$450,000	\$1,072,997	\$4,405,997
	CAPITAL IMPROVEMENT PROGRAM GENERAL FUND TOTALS			\$8,333,713	\$2,329,509	\$2,142,906	\$2,324,916	\$2,151,639	\$3,496,491	\$20,779,174
	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			\$10,768,270	\$4,665,310	\$4,209,175	\$4,370,756	\$4,175,658	\$5,403,988	\$33,593,157
	ENTERPRISE WATER FUND									
L	Water Main: Main Street from Indigo Hill Road to Wildflower Circle	E/F Op-Bond	II	\$0	\$125,700	\$1,322,200	\$0	\$0	\$0	\$1,447,900
L	Noble Pines (Hamilton St) Water Tank Rehabilitation	E/F Op-Bond	II	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$3,000,000
L	Water Distribution Improvements: Indigo Hill Road - Main Street to	E/F Op	II	\$0	\$0	\$0	\$160,000	\$1,240,000	\$0	\$1,400,000
L	Replacement Truck for Water Distribution - Truck 903	E/F Op	II	\$0	\$0	\$61,200	\$0	\$0	\$0	\$61,200
L	Water Main: West High - High Street to James Ave.	E/F Op-Bond	II	\$0	\$0	\$0	\$130,800	\$1,111,500	\$0	\$1,242,300
L	Raw Water Variable Frequency Drive Controllers	E/F Op	II	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
L	Pipe Rehabilitation Program Study	E/F Op	II	\$0	\$0	\$135,000	\$0	\$0	\$0	\$135,000
L	Water Treatment Plant Engineering Evaluation	E/F Op	II	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
	TOTAL - WATER FUND			\$0	\$3,125,700	\$1,518,400	\$440,800	\$2,351,500	\$0	\$7,436,400
M	Phase II - Upgrade	E/F Op Bonds	III	\$0	\$0	\$0	\$7,778,000	\$0	\$0	\$7,778,000
M	Portable Vacuum Unit	E/F Lease	I	\$0	\$0	\$77,454	\$0	\$0	\$0	\$77,454
M	Sewer Collection System Assessment and Flow Monitoring	E/F Op	I	\$0	\$95,000	\$0	\$0	\$0	\$0	\$95,000
	TOTAL - SEWER FUND			\$0	\$95,000	\$77,454	\$7,778,000	\$0	\$0	\$7,950,454
	CURRENT ENTERPRISE FUND DEBT SCHEDULE (P&I)			\$1,246,943	\$1,216,779	\$1,191,366	\$1,161,056	\$1,135,724	\$1,104,264	\$7,056,132
	Pavement Management Plan - Complete Streets Projects									
N3	Cemetery Road Reconstruction	G/F -E/F Bonds	II	\$3,788,850	\$0	\$0	\$0	\$0	\$0	\$3,788,850
N4	Constitutional Way Reconstruction	G/F -E/F Bonds	II	\$0	\$0	\$0	\$0	\$0	\$1,086,900	\$1,086,900
N6	High Street - Blackwater Road to Franklin Street	G/F -E/F Bonds	II	\$0	\$0	\$0	\$246,100	\$3,423,300	\$0	\$3,669,400
N7	Main Street Construction - John Parsons Drive to Indigo Hill Road	G/F -E/F Bonds	II	\$0	\$0	\$0	\$6,403,100	\$0	\$0	\$6,403,100
N10	Washington Street - Main Street to High Street	G/F -E/F Bonds	II	\$0	\$0	\$0	\$0	\$125,000	\$1,652,300	\$1,777,300
	TOTAL - Pavement Management Plan - Complete Streets Projects			\$3,788,850	\$0	\$0	\$6,649,200	\$3,548,300	\$2,739,200	\$16,725,550

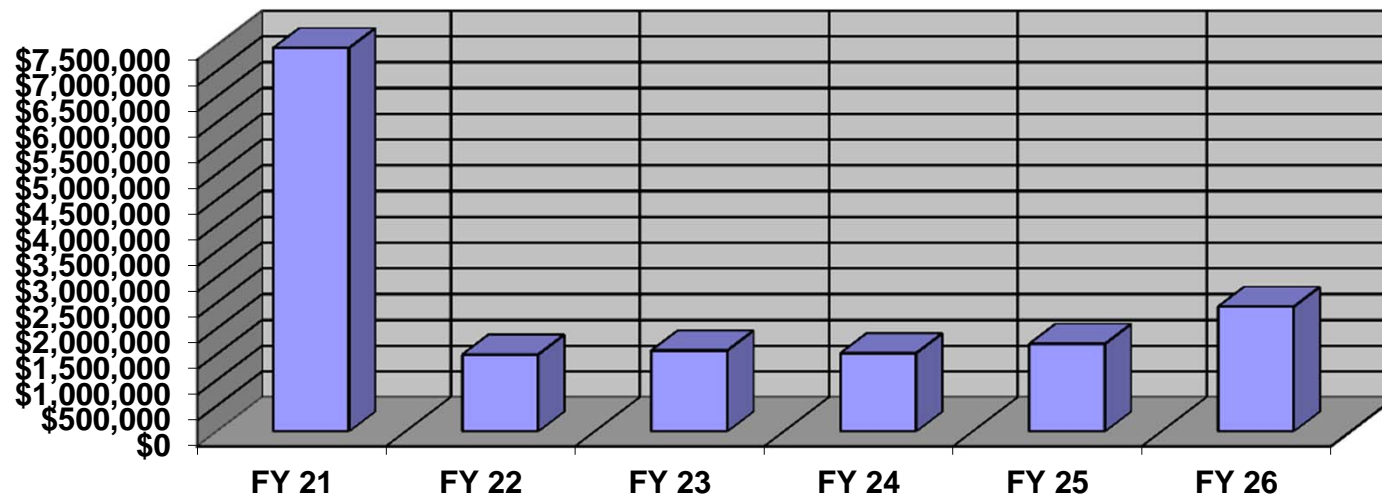
G/F Op = General Fund Operating (Property Taxes)
 E/F Op = Enterprise Fund User Fees
 B, G T = Building, Grounds, Transportation Committee

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

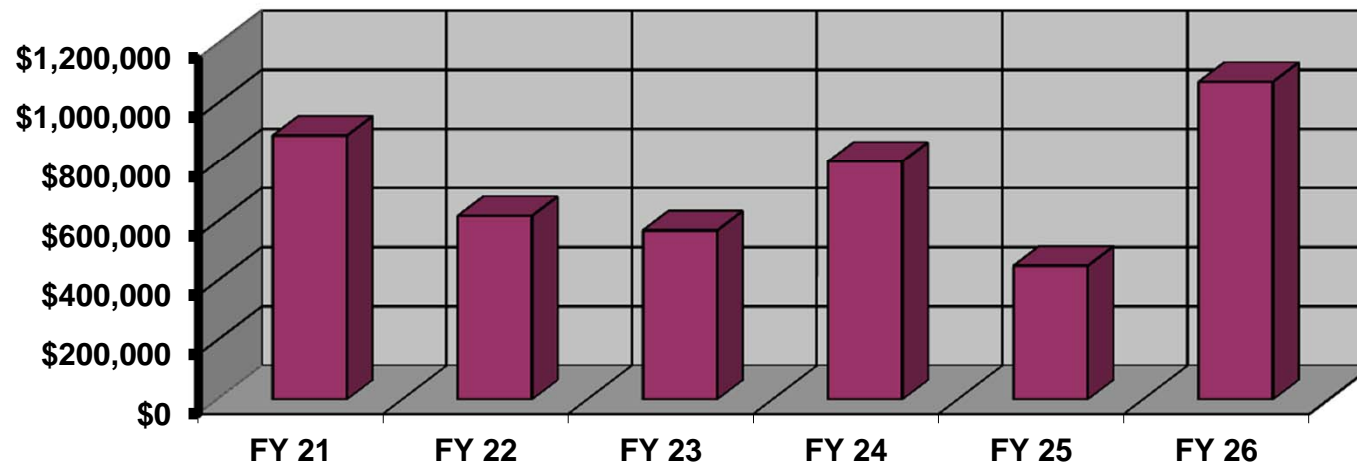
SOMERSWORTH CIP - SUMMARY										
Section	Project by Division			FY21	FY22	FY23	FY24	FY25	FY26	Totals FY21-FY26
	CIP TOTAL - CITY GENERAL FUND			\$7,442,213	\$1,711,009	\$1,573,406	\$1,521,416	\$1,701,639	\$2,423,494	\$16,373,177
	CIP TOTAL - SCHOOL DEPARTMENT			\$891,500	\$618,500	\$569,500	\$803,500	\$450,000	\$1,072,997	\$4,405,997
	CIP TOTAL - CITY ENTERPRISE FUNDS			\$0	\$3,220,700	\$1,595,854	\$8,218,800	\$2,351,500	\$0	\$15,386,854
	TOTAL -PAVEMENT MANAGEMENT PLAN - COMPLETE STREETS PROJECTS			\$3,788,850	\$0	\$0	\$6,649,200	\$3,548,300	\$2,739,200	\$16,725,550
	CIP TOTAL - ALL FUNDS			\$12,122,563	\$5,550,209	\$3,738,760	\$17,192,916	\$8,051,439	\$6,235,691	\$52,891,578
	DEBT SERVICE TOTAL - ALL FUNDS			\$3,681,500	\$3,552,580	\$3,257,635	\$3,206,896	\$3,159,743	\$3,011,761	\$19,870,115
	TOTAL - ALL FUNDS CIP & DEBT SERVICE			\$15,804,063	\$9,102,789	\$6,996,395	\$20,399,812	\$11,211,182	\$9,247,452	\$72,761,693

FY21 CITY CIP - FUNDING SUMMARY			
	Funding Category		FY21
	General Fund - Bonds/Lease		\$7,721,346
	General Fund - Other (Escrow)		\$0
	General Fund - Grants		\$0
	General Fund - Operating Budget		\$2,560,069
	City General Fund CIP		\$10,281,415

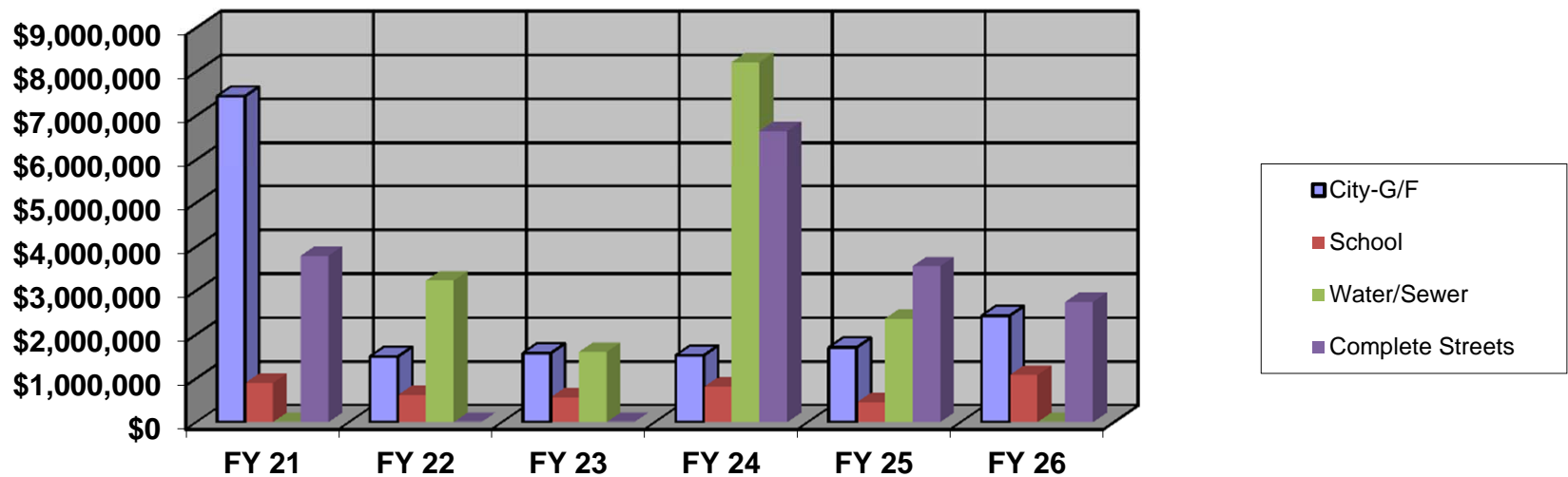
City CIP - Requests G/F Totals by Year



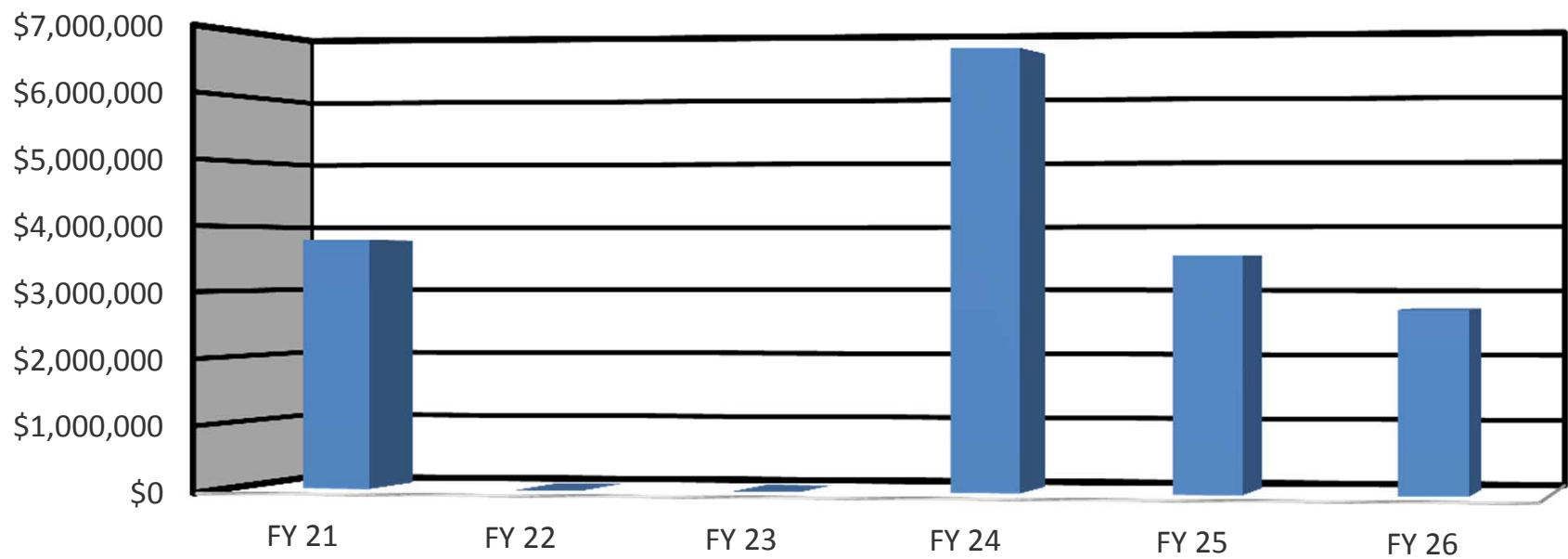
School CIP - Requests Totals by Fiscal Year



CIP - Requests Totals by Fiscal Year



Complete Streets Projects Totals by Fiscal Year



**City of Somersworth, New Hampshire
Computation of Legal Debt Margin
June 30, 2019**

DRA Certified Base Valuation for Debt Limit **\$ 1,090,276,355**

General Fund debt limit - 3% of Base Valuation: **\$ 32,708,291**

Gross G/F Bonded debt June 30, 2019 2,878,775

Total Debt subject to 3% limitation **2,878,775**

Legal Debt Margin **\$ 29,829,516**

School District debt limit - 7% of Base Valuation: **\$ 76,319,345**

Gross School Bonded debt June 30, 2019 11,944,421

Total Debt subject to 7% limitation **11,944,421**

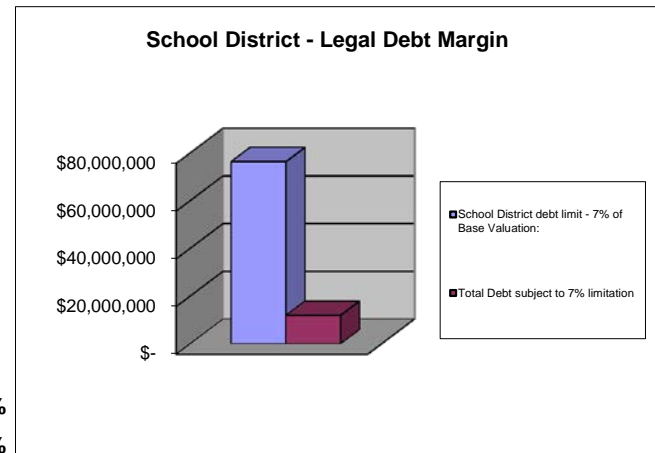
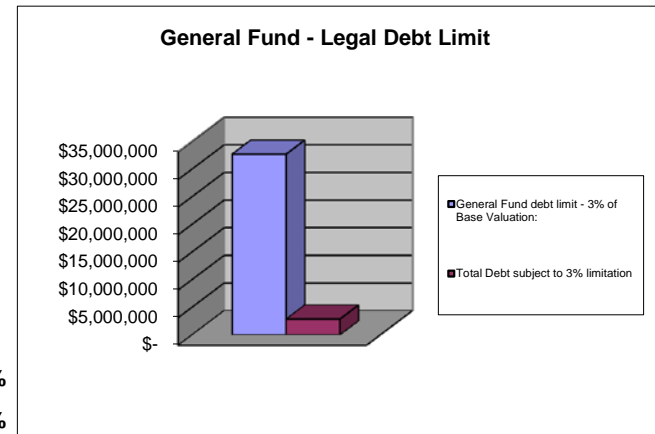
Legal Debt Margin **\$ 64,374,924**

9%

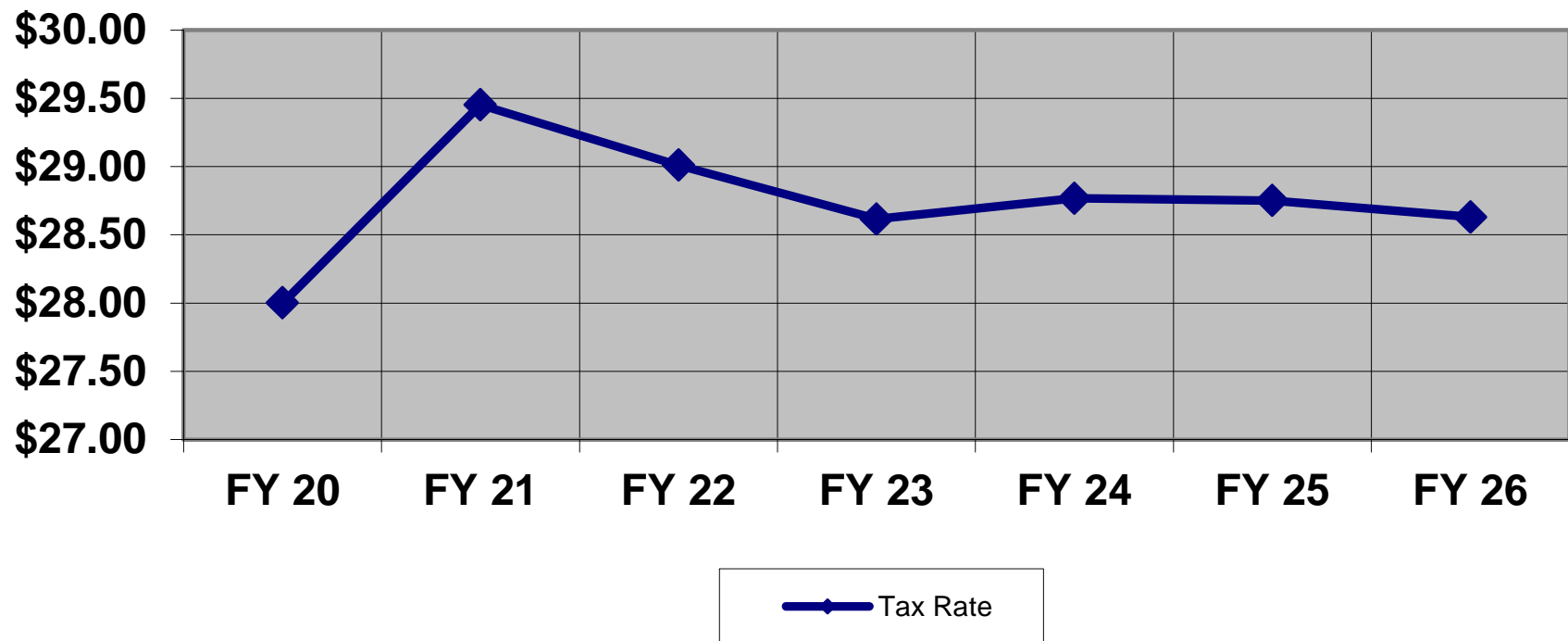
91%

16%

84%

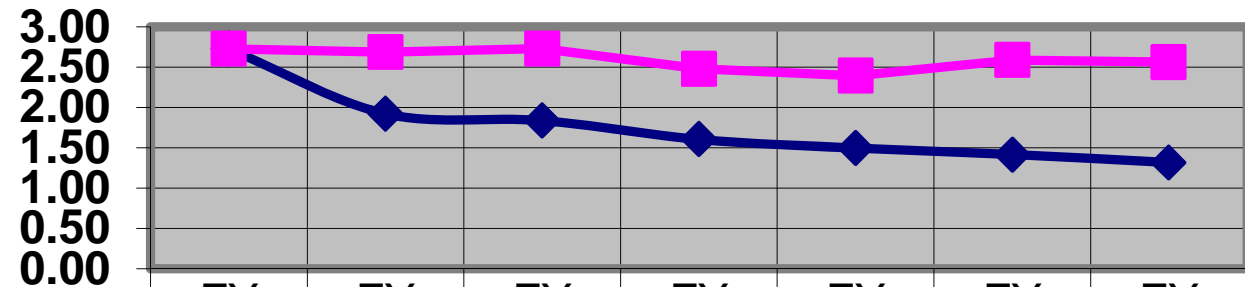


**Estimated Impact on Tax Rate
of Proposed CIP by Fiscal Year**



Impact of Proposed CIP on Debt Payments

Debt Payments as Portion of Tax
Rate



◆ Current Debt	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
◆ Current Debt	\$2.73	\$1.92	\$1.84	\$1.60	\$1.50	\$1.42	\$1.32
■ Proposed CIP	FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
■ Proposed CIP	\$2.73	\$2.69	\$2.73	\$2.48	\$2.40	\$2.59	\$2.57

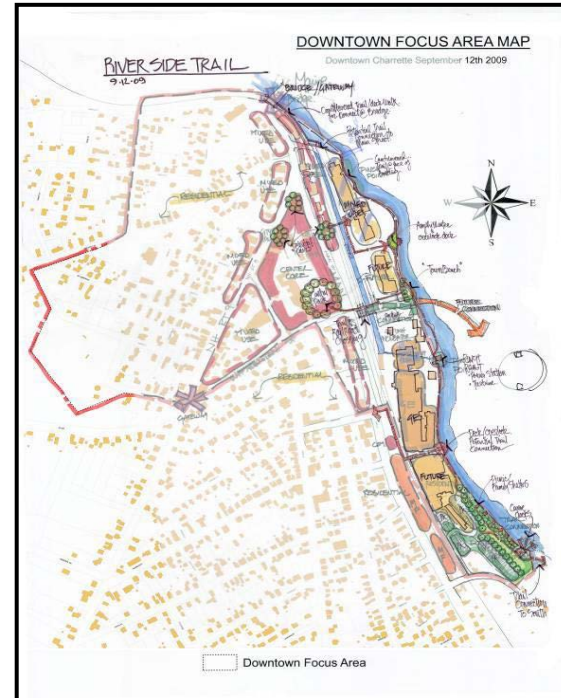
◆ Current Debt ■ Proposed CIP

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	Shanna B. Saunders	July 17, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	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	Shanna B. Saunders	July 17, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	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	July 17, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	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 #B4

Project Title:	City Hall Individual Office Heat/Cool Pumps				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
City Hall	Gary Lemay	July 17, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	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 #C1

Project Title:	Millennium Park Pavilion				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	Shanna B. Saunders	July 17, 2019	I	\$40,000	

1. General Project Description? The City will construct and install a new pavilion on site. This will be a 20 ft. by 24 ft. open air pavilion with no utilities in the same foot print as the existing pavilion

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The pavilion is approximately 20 years old and is due to be replaced.

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.
Middleton Building Supply Quote dated 7/19/18, foundation quote from Code Officer, electrical quote from Electrical Inspector.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	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 #C4

Project Title:	Jules Bisson & Noble Pines Basketball Court Rehab			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Shanna B. Saunders	July 17, 2019	III	\$52,600

1. General Project Description? Rehabilitation of the full basketball court at all three basketball courts in the City: 1) the newly refurbished Jules Bisson Park, 2) the full basketball court at Noble Pines 3) 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 surfaced 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/post /install = \$4400 x 4 = \$17,600

Asphalt surface and striping - \$8750 x 4 = \$35,000

Total = \$52,600

Jules Bisson - \$13,150

Noble Pines - \$13,150

Blackwater - \$26,300



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund			\$13,150	\$26,300	\$13,150			\$52,600
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$13,150	\$26,300	\$13,150	\$0	\$0	\$52,600
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$52,600

DATA ENTRY FORM #C5

Project Title:	Memorial Drive Tennis Courts			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	Shanna B. Saunders	July 17, 2019	III	\$10,000

- General Project Description?** Rehabilitation of the tennis Courts on Memorial Drive.
- 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.
- Is this a replacement item?** Yes
If NOT, How was the need previously met?
- List name of Firm and price of quotes received.**
Asphalt surface and striping - \$10,000



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund					\$10,000			\$10,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$10,000	\$0	\$0	\$10,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$10,000

Project Title:	Veterans Memorial at Stein Park			
Department:	Submitted By:	Date:	Priority:	Project Cost:
City Hall	Shanna B. Saunders	August 27, 2019	II	\$190,000

1. General Project Description? Renovation of the Veteran's Memorial at the park. Project is currently in the final design phase.

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

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

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

Total : \$150,000 based on estimate provided by Architect - Ironwood Architects.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$150,000						\$150,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$150,000

DATA ENTRY FORM #E2

Project Title:	Network Improvements			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Finance/Administration	Scott Smith	July 17, 2019	II	\$22,500

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 \$19,868 adjusted for inflation.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$22,500						\$22,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$22,500	\$0	\$0	\$0	\$0	\$0	\$22,500
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$22,500

DATA ENTRY FORM #G1

Project Title:	New Fire Station				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
FIRE	Keith Hoyle	July 17, 2019	I	\$5,000,000	

1. General Project Description?

Replace existing 10,500 sq. ft. fire station with a 17,000 sq. ft. station to accommodate apparatus bays, training area, crew quarters, equipment maintenance, decontamination, storage, and administrative offices.

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

The city has contracted with Port One Architects from Portsmouth NH to conduct a study of the existing fire station site to determine if a modern facility can be constructed there. Soils compaction and environmental conditions will be studied and several new fire station designs will be created and then presented to the city for action. Present fire station designs include conditioned space for firefighter gear; proper training facilities; separate spaces for male and females; fire prevention and plan review area; administrative and dispatch spaces; and adequate office and storage rooms. As this facility most likely will need to meet the city's needs for the next 75 years, it must be sized for expansion of the Fire Department's mission.

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

4. List name of Firm and price of quotes received. Still need to obtain new cost estimate.

The Mayor's "Fire Station Advisory Committee": the Public Safety Committee: and MRI Consultants - all recommend a new fire station be constructed on the site of the present Maple Street station. Port One Architects will determine the feasibility of the site to support a new facility and estimate that cost.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$5,000,000						\$5,000,000
Bonds/Lease								\$0
Grant								\$0
Lease								
Enterprise Fund								\$0
Other								\$0
	Totals	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$5,000,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$5,000,000

DATA ENTRY FORM #G4

Project Title:	Replace Car 1				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
FIRE	Keith Hoyle	July 17, 2019	II	\$45,000	

1. General Project Description?

Replace Fire Chief's 2013 Tahoe with a Ford Expedition 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 vehicle (Car 1) will be 11 years old in FY24. It is used for COMMAND at all emergency scenes and contains maps, reference materials, contact materials, multiple radios and the Incident Command Board for managing emergency scenes. Emergency equipment and COMMAND hardware will be transferred from the 2013 vehicle into the new vehicle. Price contains emergency warning equipment and lettering.

3. Is this a replacement item? Yes

If NOT, How was the need previously met?

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

State Bid List - Grappone Ford



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Lease					\$45,000			\$45,000
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$45,000	\$0	\$0	\$45,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$45,000

Project Title:	Replace 1995 Pumper - Engine 2				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Fire	Keith Hoyle, Fire Chief	July 17, 2019	I	\$615,000	

1. General Project Description?

Replace Engine 2 - 1995 Central States 1250 gpm pumper. Industry standards dictate that all fire apparatus be replaced after 20 years of service. Engine 2 will be 25 years old with well over 50,000 road miles and considerable more engine hours while pumping. The replacement vehicle will be a 1500 gpm pumper similar to our existing 2008 and 2014 pumpers.

Our current front line pumper, Engine 4 (2014 pumper) will go into second position and Engine 3 will go into reserve status.

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

It is imperative that we provide efficient equipment for our personnel in order to provide effective public safety services for our citizens. We attempt to meet the industry standard of retiring fire apparatus after 20 years of service. With 4 major pieces of equipment, we should be purchasing one every five years.

Engine 2 has a leaking pump after 25 years of service. Each year now we are putting funds into repairing the pump.

3. Is this a replacement item? YES

If NOT, How was the need previously met? .

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

Quotes received from Eastern Fire Apparatus from whom we purchased our last two pumpers.



Total Project Funds:			FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:									\$0
General Fund									\$0
Bonds/Lease									\$0
Grant									\$0
Lease			\$615,000						\$615,000
Enterprise Fund									\$0
Other									\$0
	Totals		\$615,000	\$0	\$0	\$0	\$0	\$0	\$615,000
Commence FY:		Quarter:				Prior Years' Funding			
							Total Project		\$615,000

DATA ENTRY FORM #G7

Project Title:	Vehicle Mobile Radios				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Fire	Keith Hoyle Fire Dept.	July 17, 2019	I	\$28,569	

1. General Project Description?

Our mobile radios were purchased in the early 2000's and have reached the end of their useful life. Motorola no longer produces these units. This is Year 2 of a 2 year replacement program. In FY20 we replaced three mobiles. In FY21, we recommend replacing mobiles in Engines 2 and 3; the aerial ladder along with Cars 1 and 2 [\$4900 apiece]; and the dispatch center [\$4069] - for \$28,569 total. In addition, the federal government is legislating that Public Safety agencies move from the 100, 400 and 600 radio frequencies to a new 700 series of channels in the next several years. Our older existing radios cannot comply with the new frequencies.

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

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

3. Is this a replacement item? YES

If NOT, How was the need previously met? .

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

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$28,569						\$0
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	Keith Hoyle, Fire Chief	July 17, 2019	II	\$220,511	

1. General Project Description?

Replace our 25 self-contained breathing apparatus (SCBA) starting in FY24 and continuing through FY 27. This is a 4 year program replacing SCBA units purchased in FY14, 15, 16 and 17. They will be purchased off of the Massachusetts State Bid List (no such equipment on NH Bid Lists). In FY 24 the price is \$11,016 to replace all of the front-line pumper's units (6). Each year the price escalates by approximately 5%. In FY25 another pumper is done (6 units): the aerial ladder in FY26 (7 units) and the final year - 6 units for the last pumper.

Each SCBA unit includes two 4500 psi air bottles: facepieces for FFs: a window escape system: and buddy-breathing tube for rescue.

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

It is imperative that we provide efficient equipment for our personnel in order to provide effective public safety services for our citizens. The federal government and NFPA modify slightly the SCBA standards every 3 years and perform a major overhaul every 9 years or sooner. The SCBA along with our protective gear is the most important life-saving equipment we wear. It is imperative we acquire the newest standard-conforming SCBA for firefighter protection.

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.

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund					66,096	69,400	\$85,015	\$220,511
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$66,096	\$69,400	\$85,015	\$220,511
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$220,511

Project Title:	Refurbish Aerial Ladder				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Fire	Keith Hoyle, Fire Chief	July 17, 2019	I	\$150,000	

1. General Project Description?

Refurbish the 2005 aerial ladder purchased in 2006. To replace an aerial ladder will cost in excess of 1 million dollars. To replace the aerial ladder with an aerial platform would cost nearly \$1.5 million.

Our aerial is in relatively good shape. We would receive a good trade-in price but still to purchase a new aerial with our trade would be an \$800,000 or more price-tag. I recommend refurbishing our aerial starting with the ladder hydraulic system and outriggers: pump, waterway and associated appurtances: chassis and suspension: motor and drivetrain: electrical system and emergency warning devices: and apparatus body (if required).

The aerial hydraulic system and stabilization system will require rebuilding as will the pumping system. Other systems such as brakes, suspension and motor will require less work.

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

It is imperative that we provide efficient equipment for our personnel in order to provide effective public safety services for our citizens. With 4 major pieces of equipment, we should be purchasing one every five years.

However, the condition of Truck 1 is good. The cost of a new aerial is almost twice that of a pumper and with some minor refurbishing - our aerial will be like a new truck and serve us well into the next decade without replacement.

3. Is this a replacement item? YES

If NOT, How was the need previously met? .


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

Quotes received from Eastern Fire Apparatus from whom we purchased our last two pumpers.




Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund							\$150,000	\$150,000
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$150,000

DATA ENTRY FORM #H1

Project Title:	Police Cruiser - Ford Explorer Package							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Police	Chief David Kretschmar	July 15, 2019	I	\$367,263				
<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:		FY21	FY22	FY23	FY24	FY25	FY25	Yearly Total
Sources:								\$0
General Fund		\$56,778	\$58,481	\$60,236	\$62,043	\$63,904	\$65,821	\$367,263
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$56,778	\$58,481	\$60,236	\$62,043	\$63,904	\$65,821	\$367,263
Commence FY:	Quarter:				Prior Years' Funding			\$0
					Total Project			\$367,263

DATA ENTRY FORM #H2

Project Title:	Replacement Undercover Vehicles							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
Police	Chief David Kretschmar	July 15, 2019	I	\$148,741				
<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:		FY21	FY22	FY23	FY24	FY25	FY25	Yearly Total
Sources:								\$0
General Fund		\$22,995	\$23,685	\$24,395	\$25,127	\$25,881	\$26,657.51	\$148,741
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$22,995	\$23,685	\$24,395	\$25,127	\$25,881	\$26,658	\$148,741
Commence FY:	Quarter:				Prior Years' Funding			\$0
					Total Project			\$148,741

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



Total Project Funds:			FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:									\$0
General Fund									\$0
Bonds/Lease								\$68,300	\$68,300
Grant									\$0
Enterprise Fund									\$0
Other									\$0
	Totals		\$0	\$0	\$0	\$0	\$0	\$68,300	\$68,300
Commence FY:		Quarter:				Prior Years' Funding			
							Total Project		\$68,300

Project Title:	Replacement of One-Ton Truck No. 103			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 22, 2019	III	\$56,371

1. General Project Description: Replacing foreman **Truck 103**, a 2008 Chevy 2500 3/4 ton, with new Ford F350 1 ton.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Current vehicle **103** will meet its life expectancy by 2021. It currently has approximately 80,542 miles on it and should have about 90,000 by 2021. This vehicle will perform some of the lighter work that the remaining heavy duty 1-tons are less suitable for, and functions as the General Foreman's vehicle. Replacing with a heavy duty Ford F350 will reduce the frequency of repairs. Warranty is 36 months/36,000 mile bumper to bumper "excluding wearable items" and a 5 yr./60,000 mile power train warranty. The diesel engine has a 100,000 mile warranty on it. Diesel is more fuel efficient (21 MPG vs. 15 MPG), and continuing with a Ford purchase postures DPW to be more standardized and efficient with the performance of and stocking for scheduled and unscheduled services. By having a city-wide Ford fleet, the Department can better control maintenance costs.

3. Is this a replacement item? Yes. This new truck will replace **Truck 103** as the General Foreman's truck. After evaluating the truck body, body will need to be replaced. Boyer's to install Knapheide service body; price includes line-x completed detailed lining.

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

Based on purchase of similar truck - Quote 9/20/2017

-Grappone Ford, Cab and Chassis= **\$37,592**
 -Boyer's / Line-x of Southern NH = **\$7,495**
 - HP Fairfield installation of Fisher Plow = **\$6,500**

Total cost \$51,587

-Intent is to trade in current vehicle 103, Trade value \$4,000-current trade in value.
 Price escalated 3% per year for 3 years to FY2021 - \$56,371.



Proposed New Truck
New Unit painted to match current unit



Existing Foreman's Truck

Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$56,371						\$56,371
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$56,371	\$0	\$0	\$0	\$0	\$0	\$56,371
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$56,371

DATA ENTRY FORM #J4



Project Title:	Combination Plow Truck No. 311						
Department:	Submitted By:	Date:	Priority:	Project Cost:			
Public Works	Michael Bobinsky	August 22, 2019	II	\$241,000			

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 with carbon steel combo dump body, with slide in salter. 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, and 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 22,346 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 9/20/2017
 -NH Peterbilt Cab and Chassis assembly **\$105,900**
 -HP Fairfield **\$84,350**
 Plow Wing, Sander, Dump body, Controls,
 Tarp system, lighting, On-Spots, Hydraulic
 Plumbing and installation. **Total Cost: \$190,250**
 Price escalated 3% per year to FY2026 - \$241,000

Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease							\$241,000	\$241,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$241,000	\$241,000
Commence FY:	Quarter:				Prior Years' Funding			
							Total Project	\$241,000

Project Title:	3 Ton Asphalt Recycler & Hot Box Trailer			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 22, 2019	II	\$37,953

1. General Project Description: To purchase a 3 Ton Asphalt Recycler & hot box Trailer.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? By buying this unit we will have the ability to keep hot asphalt on site for road repairs throughout the City. We will be able to pre-load the day before, which adds more time for workers on the road making repairs. Also, by saving the unused asphalt, instead of dumping unused material, Highway personnel are able to utilize the full load of asphalt

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. After getting material we tarp it and, depending on weather, we have limited time to get material installed. With this hot box Highway crews will be able to hold material if not used rather than disposed off. Originally placed item into FY19 to be used with skid steer and high flow cold planer purchased in CIP for FY19 to insure proper road repairs are being made to extend life of city streets. Now projected for FY25.

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

-Quoted on 9/20/2017 in 2017 dollars

-HP Fairfields Trailer assembly : **\$37,953**



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund						\$30,363		\$30,363
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$7,591		\$7,591
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$37,954	\$0	\$37,954
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$37,954

Project Title:	Replacement of 2008 John Deere Loader 503			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 22, 2019	III	\$132,475

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**

Current trade in value **- \$50,000**

Total cost: \$132,475

Quote includes Nortrax's to remove plow equipment from old loader and install in new equipment.

-Quote for trade in as of 2018 will need to be revaluated at time of purchase.



Proposed New John Deere Front-End Wheeled Loader



Existing John Deere Front-End Loader

Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund				\$132,475				\$132,475
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
	Totals	\$0	\$0	\$132,475	\$0	\$0	\$0	\$132,475
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$132,475

Project Title:	Addition of Sidewalk Tractor			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 22, 2019	I	\$175,693

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

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

3. Is this a replacement item? No. This will be an addition to the fleet, which is made up of two Holder tractors and one Caterpillar skid steer. This will allow DPW to service the new sidewalks that have been added on Indigo Hill Road and on Stackpole Road at the Sunningdale Residential Development which will require snow clearing.

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

-Donovan Equipment Tractor with plates **Total Cost: \$175,693**

-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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund			\$175,693					\$175,693
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$0	\$175,693	\$0	\$0	\$0	\$0	\$175,693
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$175,693

DATA ENTRY FORM #J11

Project Title:	Pavement Management Program			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 22, 2019	I	\$1,300,000 per year

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

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

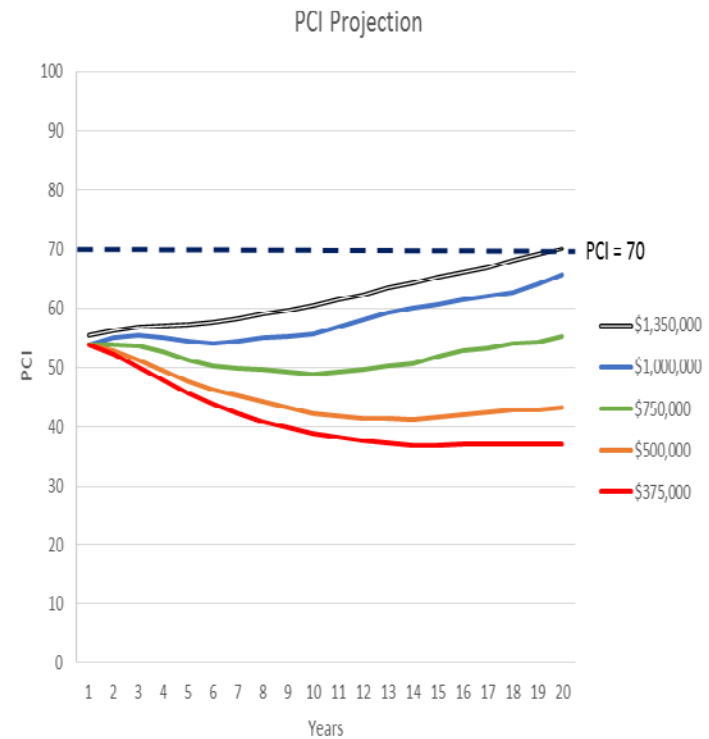
- 16 road-miles in need of preservation or routine maintenance;
- 22 road-miles in need of resurfacing; and
- 12 miles needing complete reconstruction.

The City is currently conducting a new pavement assessment, and the results will be available in fall 2019.

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

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

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
Totals		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$7,800,000

Project Title:	Expansion of DPW Building				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	August 22, 2019	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.

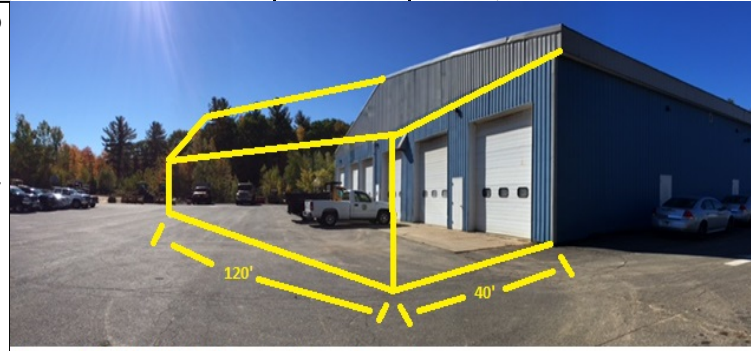
-Average construction price of \$40 per square feet is based on the cost of standard steel building additions, plus foundations, electrical, lighting and required site plan permitting and engineering costs. Information on pricing came from Butler Building Supply, Ross Group and Olympia Steel Building 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 feet 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.

Escalated 3% per year to FY2024 increases costs by approximately 20% from 2018 estimate.



Proposed DPW&Utilities Aparatus Garage Expansion



Existing DPW&Utilities Aparatus Garage

Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund							\$270,000	\$270,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$270,000	\$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	July 1, 2019	II	\$184,500

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 has also prepared an LCHIP Grant and a Mooseplate 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, slate roof replacement 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
 -Replace slate roof and flashing: \$74,000
 -Exterior masonry repointing: \$49,000



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund						\$184,500		\$184,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$184,500	\$0	\$184,500
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$184,500

Project Title:	Drainage Improvements - Fremont to Franklin Street			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 23, 2019	II	\$40,000

1. General Project Description: The purpose of this item is to act as a placeholder for drainage improvements between Fremont and Franklin Street. The City completed an \$8,000 repair to a collapsed segment of this pipe earlier this year.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? A past camera investigation of the 100-plus-year-old clay pipe in this segment of the drainage system indicated that it is in poor condition. There have been at least two known collapses in this pipe segment over the past 10 years, and City staff are currently investigating a potential third collapse. A final recommendation is pending the results of an ongoing evaluation by City staff to address potential solutions. Options include repair and relining, full replacement, or relocation.

3. Is this a replacement item? Yes.

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

A placeholder of \$40,000 has been placed here, which was originally based on the price to line the pipe from Fremont Street to Franklin Street.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$40,000						\$40,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$40,000

Project Title:	Rocky Hill Road - Culvert Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 23, 2019	I	\$150,000

1. General Project Description: This project will replace the culvert passing underneath Rocky Hill Road (just north of Winter Street) that carries an unnamed tributary to the Salmon Falls River. A sinkhole was discovered in April 2019. Investigation revealed the 40-plus-year-old culvert has corroded and separated from the headwall. DPW has undertaken action to fill the sinkhole and conduct short-term repairs that are expected to last 1-2 years. This project would replace the failed culvert and both headwalls. This project would also replace the water line passing underneath the culvert given the long expected service life of the new culvert (50-75 years) once it is replaced.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? A camera investigation of the pipe indicated that it is in poor condition. Lining the pipe with a structural liner is anticipated to extend the pipe's functional life by several decades and will eliminate expensive repair efforts for each collapse of this pipe.

3. Is this a replacement item? Yes.

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

A May 2019 Wright-Pierce memo on the culvert estimated \$90,000-\$120,000 for an in-kind replacement of just the culvert, and \$20,000-\$30,000 for the water main replacement. The high end cost estimates have been included in this document for planning purposes. There were additional cost estimates for replacing the sewer and conducting drainage improvements that may be conducted at a later date and are not included in this price.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$120,000						\$120,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund		\$30,000						\$30,000
Other								\$0
	Totals	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$150,000

DATA ENTRY FORM #J17

Project Title:	City Engineer Vehicle			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	July 15, 2019	II	\$18,950

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 car pooling 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 FY2061 is \$18,950.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund							\$6,317	\$6,317
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund							\$12,633	\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$18,950	\$18,950
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$18,950

DATA ENTRY FORM #J18

Project Title:	Replacement sidewalk tractor			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	August 22, 2019	II	\$197,750

1. General Project Description: This sidewalk tractor - a Chameleon sidewalk tractor - would replace one of the existing sidewalk tractors that was purchased in 2008 and would be 18 years old at the time of replacement. 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? Yes.

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

-Donovan Equipment Tractor with plates: total cost: \$175,693, escalated to FY2026 = \$197,750.



Proposed New Sidewalk Tractor

Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund							\$197,750	\$197,750
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$197,750	\$197,750
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$197,750

DATA ENTRY FORM #K1

Project Title:	District Wide - HVAC, Ventilation Design, Plan & Specifications			
Department:	Submitted By:	Date:	Priority:	Project Cost:
DW-90	Karl Ingoldsby	Sep-19	I	\$600,000

Project Description:

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

Is this a replacement item? Yes

If NOT, How was the need previously met?

Replacement will improve energy efficiency, allow remote access. Should pay for itself in two or three years in energy efficiency. Will allow for remote control and zone heating.

Quotes received:

Hanson-Fox Estimate

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000		\$600,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$600,000
Commence FY:	Quarter:			Prior Years' Funding				
				Total Project				\$600,000

DATA ENTRY FORM #K2

Project Title:	High School - Asbestos Flooring Replacement				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
HS-31	Karl Ingoldsby	Sep-19	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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$53,500	\$53,500	\$53,500	\$53,500	\$0		\$214,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$0	\$214,000
Commence FY:	Quarter:			Prior Years' Funding				
				Total Project				\$214,000

DATA ENTRY FORM #K3

Project Title:	Middle School - Replace Boilers and Controls 1 through 5			
Department:	Submitted By:	Date:	Priority:	Project Cost:
MS-21	Karl Ingoldsby	Sep-19	I	\$400,000

Project Description:

Replace Middle School boilers and controls

OBJECTIVE:

Energy efficient units with controls

Is this a replacement item? Yes

If NOT, How was the need previously met? Old boilers.

SOLUTION:

This project will improve service and lower operating cost to the City of Somersworth

Quotes received:

Currently obtaining updated estimates

Building Aid? No

Percent Reimbursable? 0%



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund					\$400,000			\$400,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$400,000

DATA ENTRY FORM K4

Project Title:	Middle School-Elevator Replacement			
Department: MS-21	Submitted By: Karl Ingoldsby	Sep-19	Priority:	Project Cost: \$600,000
			I	

Project Description:

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

OBJECTIVE:

Replace the existing failing elevator with a new elevator.

Is this a replacement item? Yes

If NOT, How was the need previously met?

SOLUTION:

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

Quotes received: Samyn- D'elia Architects-January 2019

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund		\$600,000						\$600,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$600,000	\$0	\$0	\$0	\$0	\$0	\$600,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$600,000

DATA ENTRY FORM K5

Project Title:	Middle School/High School/CTC-Asphalt Repairs/Paving			
Department: MS-21	Submitted By: Karl Ingoldsby	Sep-19	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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund							\$500,000	\$500,000
Bonds/Lease								\$0
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 K6

Project Title:	Middle School-Roof Replacement			
Department: MS-21	Submitted By: Karl Ingoldsby	Jul-19	Priority:	Project Cost: 250,000
			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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund					\$250,000			\$250,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$250,000

DATA ENTRY FORM K7

Project Title:	High School - Roof Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
HS-31	Karl Ingoldsby	Jul-19	I	\$350,000

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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund						\$350,000		\$350,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Commence FY:	Quarter:			Prior Years' Funding				
							Total Project	\$350,000

DATA ENTRY FORM #K8

Project Title:	Maple Wood - Bathroom Renovations			
Department:	Submitted By:	Date:	Priority:	Project Cost:
MW-13	Karl Ingoldsby	Sep-19	II	\$370,000

Project Description:

OBJECTIVE:

Renovate student's restrooms in both wings (4 total) to comply with ADA (Americans with Disabilities Act).

Is this a replacement item? No

If NOT, How was the need previously met?

SOLUTION:

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

Quotes received:

Harriman Estimate September 2011

Currently Obtaining updated quotes

Building Aid? No Percent Reimbursable? 0%



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease			\$370,000					\$370,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$370,000	\$0	\$0	\$0	\$0	\$370,000
Commence FY:	Quarter:			Prior Years' Funding				
							Total Project	\$370,000

DATA ENTRY FORM #K9

Project Title:	Middle School - Repairs to Exterior walls of 1962 Section & Doors			
Department: MS-21	Submitted By: Dana Hilliard	Sep-19	Priority: IV	Project Cost: \$38,000

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 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:		FY21	FY22	FY23	FY24	FY25	FY26	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 #K10

Project Title:	Middle School - Repairs to Exterior walls of 1962 Section Windows			
Department: MS-21	Submitted By: Dana Hilliard	Sep-19	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:		FY21	FY22	FY23	FY24	FY25	FY26	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 #K11

Project Title:	Middle School - Re-Hab Bathrooms/Including ADA Imp			
Department: MS-21	Submitted By: Karl Ingoldsby	Sep-19	Priority: V	Project Cost: \$416,000

Project Description:

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

OBJECTIVE:

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

Is this a replacement item? Yes

If NOT, How was the need previously met? Old bathrooms.

SOLUTION:

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

Quotes received:

Harriman Estimate - Revised September 2011

Currently Obtaining Updated Quotes

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	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

DATA ENTRY FORM K12

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

Project Description: High School Boiler Replacement

OBJECTIVE: Replace existing boilers with new high efficiency boilers with controls.

Is this a replacement item? Yes

If NOT, How was the need previously met?

SOLUTION:

This project will improve service and lower operating cost to the City of Somersworth

Quotes received: Currently Obtaining Quotes

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund							\$500,000	\$500,000
Bonds/Lease								\$0
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 K13

Project Title:	District Wide- New Maintenance Truck with Plow			
Department: DW-90	Submitted By: Karl Ingoldsby	Sep-19	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:		FY21	FY22	FY23	FY24	FY25	FY26	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

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:		FY21	FY22	FY23	FY24	FY25	FY26	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	August 23, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund			\$125,700	\$1,322,200				\$1,447,900
Other								\$0
	Totals	\$0	\$125,700	\$1,322,200	\$0	\$0	\$0	\$1,447,900
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$1,447,900

Project Title:	Noble Pines (Hamilton St) Water Tank Rehabilitation				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Water	Michael Bobinsky	August 23, 2019	II	\$3,000,000	

1. General Project Description? In 2013, the City performed a comprehensive water distribution evaluation using Wright-Pierce. Wright-Pierce recommended that the existing 120-year old water tank be replaced with a tank that has all the storage elevated rather than the current standpipe design. It was also recommended that an evaluation of the Hilltop area be performed to identify whether there is a more suitable location in the Hilltop area for the new water storage tank. The City appropriated \$100,000 in FY2020 to conduct a feasibility study and design the new tank. It is estimated that a new elevated storage tank will cost \$3.0 million. The construction will be budgeted in FY2022.

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

3. Is this a replacement item? No.

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

Cost estimate based on Wright-Pierce's report dated February 2013 and inflated 3% per year to FY2022.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund			\$3,000,000					\$3,000,000
Other								\$0
Totals		\$0	\$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	August 23, 2019	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 are being repaved in FY2020, but will be removed from the excavation moratorium by FY2023.

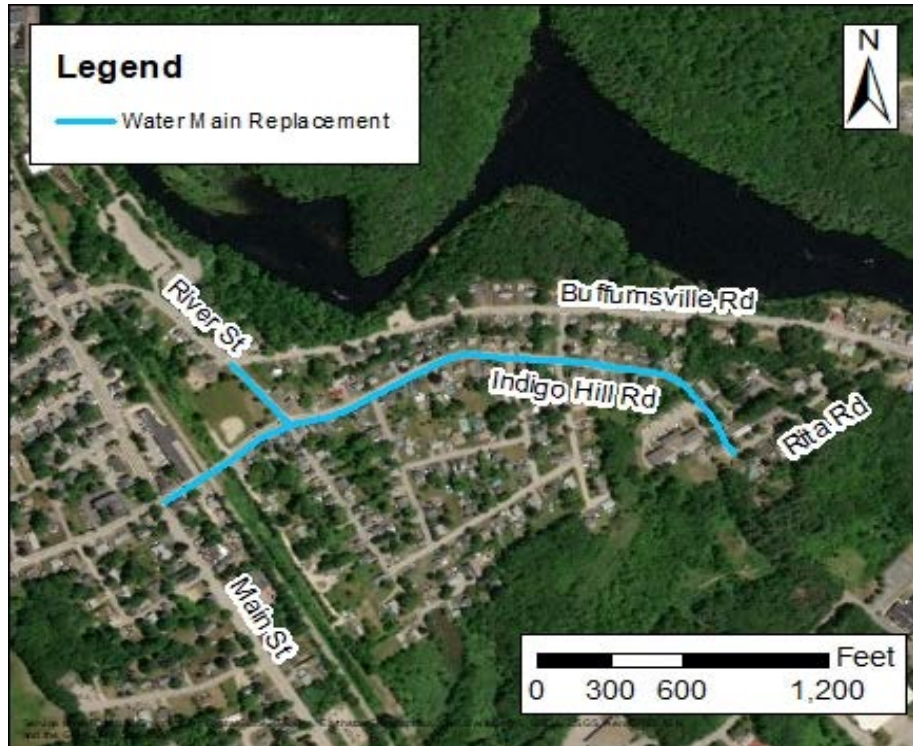
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund					\$160,000	\$1,240,000		\$1,400,000
Other								\$0
	Totals	\$0	\$0	\$0	\$160,000	\$1,240,000	\$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	August 23, 2019	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 62,264.

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.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$61,200				\$61,200
Other								\$0
	Totals	\$0	\$0	\$61,200	\$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	August 23, 2019	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" 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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund					\$130,800	\$1,111,500		\$1,242,300
Other								\$0
	Totals	\$0	\$0	\$0	\$130,800	\$1,111,500	\$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	August 23, 2019	II	\$75,000

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

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The raw water Variable Frequency Drives are the controllers that operate the raw 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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund					\$75,000			\$75,000
Other								\$0
	Totals	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$75,000

DATA ENTRY FORM # L8

Project Title:	Pipe Rehabilitation Program Study			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	July 11, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund				\$135,000				\$135,000
Other								\$0
	Totals	\$0	\$0	\$135,000	\$0	\$0	\$0	\$135,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$135,000

DATA ENTRY FORM # L9

Project Title:	Water Treatment Plant Engineering Evaluation			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	August 23, 2019	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 20 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 as it will be approximately 20+ years since the last upgrade was completed.

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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund					\$75,000			\$75,000
Other								\$0
	Totals	\$0	\$0	\$0	\$75,000	\$0	\$0	\$75,000
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$75,000

DATA ENTRY FORM #M1

Project Title:	Phase II - Upgrade				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Sewer	Michael Bobinsky	July 1, 2019	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

Upgrade West High St pump station - \$50,000

More detailed information can be found within the facility plan.

*This project is eligible for SRF funding.

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

This will renew the overall life expectancy of facility processes and equipment.

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

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

Cost estimates are based on the Wright Pierce Comprehensive Wastewater Treatment Facility Plan dated August 2017. This plan outlines a total of \$30 million dollars in improvements.

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



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease					\$7,778,000			\$7,778,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$7,778,000	\$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	July 1, 2019	I	\$77,454

1. **General Project Description:** Truck mounted vacuum unit for sewer clearing.

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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$77,454				\$77,454
Other								\$0
	Totals	\$0	\$0	\$77,454	\$0	\$0	\$0	\$77,454
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$77,454

Project Title:	Sewer Collection System Assessment and Flow Monitoring			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Sewer	Michael Bobinsky	July 1, 2019	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 item is estimated at approximately \$95,000.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund			\$95,000					\$95,000
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 #N3

Project Title:	Cemetery Road Reconstruction				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 16, 2019	II	\$3,788,850	

1. General Project Description: Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, and reconstructing the roadway surface along Cemetery Road from Maple Street to West High Street. This project is under design at this time and preliminary opinions of costs have been received by Wright-Pierce. Staff plans to link this project with the TAP grant sidewalk project for Cemetery Road which is under design at this time as well with CMA Engineers.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Improvements will result in reducing or eliminating water or sewer line breaks, improved pedestrian access, reduced pedestrian and vehicle accidents, address drainage issues and improve commuter use of this segment of Cemetery Road.

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 cost developed by Wright-Pierce in August 2018. Includes a 30% contingency factor to account for design unknowns.

-Road, Drainage, Sidewalk, engineering: \$1,970,202
-Water System Improvements: \$ 757,770
-Sewer Line Replacement: \$ 1,060,878



Total Project Funds:		FY20	FY21	FY22	FY23	FY24	FY25	Total
Sources:								\$0
General Fund		\$1,970,202						\$1,970,202
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund		\$1,818,648						\$1,818,648
Other								\$0
Totals		\$3,788,850	\$0	\$0	\$0	\$0	\$0	\$3,788,850
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$3,788,850

DATA ENTRY FORM #N4

Project Title:	Constitutional Way Reconstruction				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 16, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	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	\$0	\$1,086,900	\$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 16, 2019	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:		FY21	FY22	FY23	FY24	FY25	FY26	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	\$246,100	\$3,423,300	\$0	\$3,669,400
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$3,669,400

DATA ENTRY FORM #N7

Project Title:	Main Street Construction - John Parsons Drive to Indigo Hill Road				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 16, 2019	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 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.

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:		FY21	FY22	FY23	FY24	FY25	FY26	Total
Sources:								\$0
General Fund					\$3,329,600			\$3,329,600
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund					\$3,073,500			\$3,073,500
Other								\$0
Totals		\$0	\$0	\$0	\$6,403,100	\$0	\$0	\$6,403,100
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$6,403,100

DATA ENTRY FORM #N10

Project Title:	Washington Street - Main Street to High Street				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Complete Streets	Michael Bobinsky	July 16, 2019	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 FY25.



Total Project Funds:		FY21	FY22	FY23	FY24	FY25	FY26	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