

City of
Somersworth
New Hampshire

**Fiscal Year
2018-2023**



*Memorial Drive Improvement Project
Completed Summer 2016*

CAPITAL IMPROVEMENT PROGRAM

**Submitted to Planning Board
November 16, 2016**



CITY OF SOMERSWORTH, N.H.

CITY COUNCIL

Dana S. Hilliard, Mayor

Martin Pepin, Ward 1
Jennifer G. Soldati, Ward 2
Martin P. Dumont, Sr., Ward 3
Jonathan McCallion, Ward 4
Denis Messier, Ward 5

Nancie Cameron, At Large
David Witham, At Large
Dale R. Sprague, At Large
Jessica Paradis, At Large

CITY MANAGER

Robert M. Belmore

PLANNING BOARD MEMBERS

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Harold Guptill, Vice Chair
Mark Richardson
Paul Robidas
Nancie Cameron, City Council Alt. Rep.
Thomas McCallion, Alternate
Mark Fearis, Alternate

Robert M. Belmore, City Manager
David Witham, City Council Rep.
Aaron Fournier
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Paul Maskwa, Alternate
Jameson Small, Alternate

DEPARTMENTS

Scott A. Smith, 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:	Sean Collins	At Large:	Kelly Brennan
Ward 2:	Dana Rivers	At Large:	Joanne Pepin
Ward 3:	Karen Hiller	At Large:	Matt Hanlon
Ward 4:	Bob Gibson	At Large:	Don Austin, Chair
Ward 5:	Ken Bolduc		

Jeni Mosca, Superintendent SAU56
Marie D 'Agostino, Business Administrator
November 2016

SOMERSWORTH, NEW HAMPSHIRE

City of Somersworth
One Government Way
Somersworth, NH 03878



City Hall
603.692.4262
www.somersworth.com

December 5, 2016

Memorandum of Transmittal

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

Re: Capital Improvement Program 2018-2023

Dear Mayor Hilliard and City Council Members:

Preliminary Comments

In accordance with the provisions of Article VII of the City Charter that the City Manager provide the City Council a Plan by December 15th of each year, I hereby submit to you the proposed Capital Improvement Program (CIP) for Fiscal Years 2018-2023. I also want to point out that the Planning Board fulfilled their responsibility to review the Capital Improvement Program for Fiscal Years 2018-2023 at a workshop on November 16, 2016. Their transmittal letter is provided herein.

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

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

Strategies & Project Updates

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

The FY 18-23 CIP includes requests for implementing a pavement management program with the concept of a “complete streets” practice. Complete Street projects in the Plan include requests for Phase II Downtown Infrastructure Improvements, Indigo Hill Road, from Main Street to Rita Road, Blackwater Road, Cemetery Road and High Street from Blackwater Road to Memorial /Franklin Street. These projects may be linked in with future TIF developments, and funding from our enterprise funds for specific utility improvements. Funding basic pavement overlay is also included in the CIP request to preserve and upgrade local streets in the City selected based on condition ratings.

TAP Grant – Complete Streets: In October the City applied for a Transportation Alternatives Program (TAP) Grant from the NH Department of Transportation. Our proposal sought to “infill” several pieces of pedestrian infrastructure in an effort to create a continuous pedestrian way from Downtown, continuing along High Street, past the Middle/High School and on to Maplewood Elementary School via the adjacent neighborhoods. The project specifically included:

- 1) Sidewalks on High Street from the newly constructed sidewalk that ends at West High Street, to Memorial Drive;
- 2) Upgrade the pedestrian crosswalk across High Street from the proposed sidewalk to the existing sidewalk on Memorial Drive. The design may include a pedestrian signal, raised speed table crosswalk and/or tactile vehicular rumble strips surface. Design costs are part of this Grant;
- 3) New sidewalks from existing sidewalks on the CTC end of Memorial Drive down Cemetery Road, which will connect to existing sidewalks on Maple Street;
- 4) Additional work in upgrading a walking trail that exists through the woods between the Middle/High Schools and Maplewood Elementary School; and
- 5) A project option: Decorative lighting with Banners along the existing Memorial Drive sidewalk in front of the Middle and High Schools.

The project ranked #1 of 3 projects by the Strafford Regional Planning Commission. NH DOT will make a decision on the Grant Application in January 2017. Engineering and construction of the project, if awarded, is projected for 2017 and 2018.

Strategy - Standardized Fleet Specifications: Last year, the Planning Board in their transmittal letter to the City Council suggested the City consider a “continuity with brands on the City’s vehicles”, as well as requesting “a retrospective look back on completed projects”.

The FY17 CIP Vehicle Replacements reflects a shift in purchasing vehicles that provide a continuity with brands. I am pleased to report that we have studied this suggestions and have begun a strategy implementation of standardizing our fleet. We anticipate this action will contribute to lower overall maintenance and repair costs, allow greater efficiency with parts and supplies. Following review and evaluation, City Council approved a recommendation to select Ford products for most sedans, light duty trucks and SUV’s. We have also selected a Peterbilt Truck Chassis for the large 6-wheel dump trucks for standard plow vehicles moving forward.

Fleet Purchases: The City’s rolling stock is, and will continue to be a focal point of each capital improvement program. Having reliable vehicles and equipment is critical to provide municipal services. Recognizing the need to upgrade the City’s rolling stock throughout a number of departments, the City Council took action to implement a lease/purchase arrangement, whereby the City could acquire needed replacements now, and spread the payments over a three year period.

Included in this replacement plan were the following vehicles:

- Two SUV style police cruisers,
- A pick-up truck for animal control/parking enforcement
- A pick-up truck for Recreation
- A sedan for Code Compliance
- An SUV for the Department of Public Works
- A one-ton pickup with snow plowing equipment
- A snowplow truck with a wing, sander, and dump body.

The total cost for these vehicle replacements is \$400,000. However, utilizing the lease/purchase arrangement, the City was able to appropriate \$20,000. in the current fiscal year’s budget as a down payment, and will make three annual payments of \$132,434., thereby spreading the cost over the next three budget cycles, helping to stabilize the impact to the tax rate.

At this time, all the vehicles have been delivered with the exception of the one-ton pick-up and the snowplow, as each are currently being outfitted with snow plow equipment, and will be ready and available for this winter.

Project Updates - Major Utility System Upgrades Planned: The Blackwater Road Pump Station upgrade process has begun. City staff has been working with Underwood Engineers on finalizing plans and specifications for rehabilitation. This pump station pumps approximately 500,000 gallons of sewer flow into the WWTP per day. Improvements include pump replacements, electronic upgrades and improved HVAC systems.

The estimated cost for these improvements is approximately \$916,000. Construction is anticipated next year following approvals of final plan and project specifications from the NH DES, bid approval, and funding authorization from the City Council.

The Wastewater Treatment Facility (WWTF) has also been approved for study and upgrades. In order to meet current and project growth demands the WWTF requires specific upgrades. An engineering analysis will determine more specifically the exact scope of the project. Presently the upgrade plan include the following: implementing the second aeration system train, sludge dewatering upgrades and improvements to the headworks at the Facility. Estimated costs of these improvements presently stand around \$3.4 million. City staff will pursue funding support from State Revolving loan funds, grants and sewer bonds to complete the needed improvements.

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 2017.
- The funding options for the CIP are generally assumed to be general operating funds, lease arrangements, or bond issues. Federal and State grants or other funding sources are factored into the project assumptions when known to be available. In addition, it continues to be the practice of staff to search and secure other funding sources for all projects.
- Project costs within the CIP are presented on a gross basis. Projects funded by bonds or leases, presented as total project cost, are amortized for the purposes of estimating any tax rate impacts.
- There are two charts depicting estimated tax rate impacts. The first chart demonstrates the total estimated impact of proposed capital spending. The second chart compares the impact current debt payments have on that tax rate to that of the proposed debt payments existing in the CIP.

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

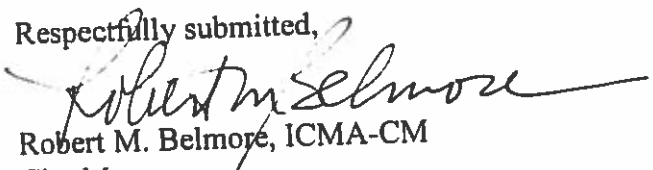
- *affordability and stabilization of spending* with the need of providing effective, efficient and professional services to the community;
- *developing a realistic and affordable financial plan* with reasonable increases acceptable to the community; in concert with the financial plan consideration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

Closing Comments

In closing, I want to thank our Department Heads, City Staff, School Officials, and the Planning Board for their cooperation and efforts in this on-going CIP process.

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

Respectfully submitted,



Robert M. Belmore, ICMA-CM
City Manager

SOMERSWORTH, NEW HAMPSHIRE

Somersworth Planning Board
One Government Way
Somersworth, NH 03878



City Hall
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November 28, 2016

Re: Capital Improvement Program 2018-2023

Honorable Mayor and Members of the City Council:

On November 16, 2016, the Somersworth Planning Board held a workshop meeting for a presentation by City Manager Bob Belmore on the 2018-2023 Capital Improvement Program (CIP). Assisting in this presentation was Director of Planning and Community Development, Shanna Saunders and Superintendent of Schools Jeni Mosca. Mr. Belmore and staff presented a summary outline of the document, followed by an open discussion and dialogue with various City departments.

After review, the Planning Board endorses the proposed plan as presented.

The Board applauded the proactive approach the School Board has taken to address facility needs. There was discussion and concern regarding the current State school building aide moratorium.

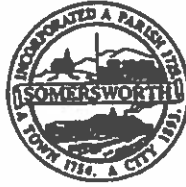
The Board also discussed the new proposed Fire Station, the proposed Department of Transportation TAP grant, the city vehicle fleet and their support for DPW equipment needs such as a vac-truck and sidewalk plow.

Respectively Submitted,

Ronald LeHoullier
Planning Board Chairman

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City Hall
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November 9, 2016

Memorandum of Transmittal

Dear Planning Board Members:

Preliminary Comments

I am pleased to submit for your review and comment the Fiscal Year 2018–2023 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 for to meet City needs in order to maximize the most efficient use of taxpayer resources and to stabilize the tax rate to the greatest extent possible. Additionally, the CIP serves as a management planning tool that will benefit the Council as it reviews and adopts the City's Annual Budget and works towards balancing competing improvement goals while maintaining a practical fiscal balance.

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Proud past, bright future

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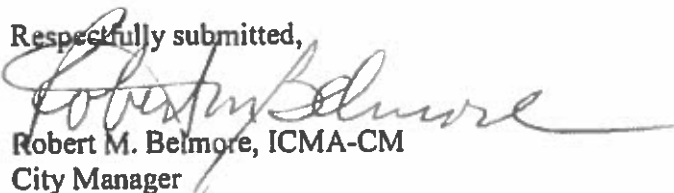
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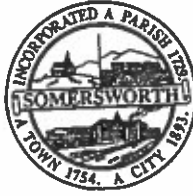
The City Charter requires the City Manager to submit a Capital Improvement Plan to the City Council no later than December 15th of each year. I look forward to working with you as you review this Plan and incorporating your comments in the final document presented to the City Council.

Respectfully submitted,


Robert M. Belmore, ICMA-CM
City Manager

SOMERSWORTH, NEW HAMPSHIRE

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Somersworth, NH 03878



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November 28, 2016

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Respectively Submitted,

Ronald LeHoullier
Planning Board Chairman

CAPITAL IMPROVEMENT PROGRAM
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City of Somersworth, NH

Capital Improvements Program

FY 2018-2023

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.

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) 2018, 2019, 2020, 2021, 2022 and 2023. FY 2018 begins on July 1, 2017 and ends on June 30, 2018. 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. 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.

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

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

Section	Project by Division	Funding Source	Priority	Dept.	Manager	FY18	FY19	FY20	FY21	FY22	FY23	Totals FY18-FY23
	ECONOMIC DEVELOPMENT AND PLANNING DEPT.											
A	Master Plan Update - Transportation Element	G/F Op	II	III		\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000
A	Feasibility Study - Riverwalk expansion	G/F Op	I	III		\$0	\$0	\$0	\$30,000	\$0	\$0	\$30,000
A	Growth and Development Strategy	G/F Op	III	III		\$0	\$0	\$0	\$0	\$0	\$30,000	\$30,000
A	Replacement Vehicles for Building Inspection	G/F Op	II	II		\$26,000	\$0	\$0	\$0	\$0	\$0	\$26,000
	DIV. OF ECONOMIC DEV./PLANNING, COBE ENFORCE TOTALS					\$26,000	\$0	\$25,000	\$30,000	\$0	\$30,000	\$111,000
B	City Hall Cooling Tower Maintenance	G/F Op	II	II		\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
	CITY OWNED PROPERTY/BUILDING DIVISION					\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
C	Millennium Park Pavilion	G/F Op	II	III		\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000
C	Irrigation - Millennium Park	G/F Op	II	III		\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
C	Jules Bisson Park Playground Equip.	G/F Op	II	II		\$0	\$35,000	\$0	\$0	\$0	\$0	\$35,000
	DIV. OF RECREATION TOTALS					\$0	\$51,000	\$0	\$0	\$0	\$15,000	\$66,000
	DEVELOPMENT SERVICES DEPT. TOTALS					\$51,000	\$51,000	\$25,000	\$30,000	\$0	\$45,000	\$202,000
	CITY MANAGER/FINANCE DEPARTMENT											
	City Manager - Finance & Administration											
E	Replacement Equipment - Server/Network	G/F Op	III	III		\$0	\$0	\$0	\$0	\$22,500	\$0	\$22,500
E	Library - Roof Replacement	G/F Op	II	II		\$0	\$45,495	\$0	\$0	\$0	\$0	\$45,495
	CITY MANAGER/FINANCE DEPARTMENT TOTALS					\$0	\$45,495	\$0	\$0	\$22,500	\$0	\$67,995

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

Section	Project by Division	Funding Source	Priority	Dept.	Manager	FY18	FY19	FY20	FY21	FY22	FY23	Totals FY18-FY23
PUBLIC SAFETY-FIRE DEPARTMENT												
G	New Fire Station	GIF Op - Bond	II	II		\$0	\$0	\$0	\$172,250	\$3,445,000	\$0	\$3,617,250
G	Thermal Imaging Camera	GIF Op	II	III		\$13,650	\$0	\$0	\$0	\$0	\$0	\$13,650
G	Forestry Vehicle Replacement	Lease	I	II		\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
G	Replace 1995 Pumper	Lease	II	II		\$0	\$0	\$750,000	\$0	\$0	\$0	\$750,000
G	Replace Portable Radios	GIF Op	I	I		\$33,915	\$39,568	\$0	\$0	\$0	\$0	\$73,483
G	Vehicle Mobile Radios	GIF Op	II	II		\$0	\$50,556	\$0	\$0	\$0	\$0	\$50,556
G	4WD Pickup Truck	GIF Op	II	II		\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
	Public Safety - Fire Dept. Total					\$47,565	\$165,124	\$750,000	\$222,250	\$3,445,000	\$0	\$4,629,939
PUBLIC SAFETY-POLICE/DEPARTMENT												
H	Police Cruiser - Ford Explorer Package	GIF Op	I	I		\$35,686	\$73,513	\$37,827	\$77,924	\$40,097	\$82,599	\$347,646
H	AFIS Fingerprinting System	GIF Op	II	II		\$0	\$0	\$22,749	\$0	\$0	\$0	\$22,749
	Public Safety - Police Dept. Total					\$35,686	\$73,513	\$60,576	\$77,924	\$40,097	\$82,599	\$370,395
PUBLIC WORKS DEPARTMENT												
J	Replacement of One-Ton Dump Truck No. 201	Lease	I	I		\$78,362	\$0	\$0	\$0	\$0	\$0	\$78,362
J	Replacement of One-Ton Dump Truck No. 202	Lease	II	II		\$0	\$78,362	\$0	\$0	\$0	\$0	\$78,362
J	Replacement of One-Ton Truck No. 103	Lease	III	III		\$0	\$0	\$0	\$46,398	\$0	\$0	\$46,398
J	Combination Plow Truck No. 308	Lease	I	I		\$167,875	\$0	\$0	\$0	\$0	\$0	\$167,875
J	Combination Plow Truck No. 303	Lease	II	II		\$0	\$0	\$167,875	\$0	\$0	\$0	\$167,875
J	Sweeper Replacement	Lease	I	II		\$0	\$249,750	\$0	\$0	\$0	\$0	\$249,750
J	Replacement of John Deere loader 503	Lease	III	III		\$0	\$0	\$0	\$0	\$102,000	\$0	\$102,000
J	3 Ton Asphalt Recycler & Hot Box Trailer	GIF Op	II	II		\$0	\$0	\$35,775	\$0	\$0	\$0	\$35,775
J	Addition of sidewalk tractor	Lease	II	II		\$0	\$0	\$0	\$0	\$170,575	\$0	\$170,575
J	Emergency Generator - Public Works	GIF Op	III	III		\$0	\$0	\$0	\$51,500	\$0	\$0	\$51,500
J	Eddy Bridge (Rochester St/Salmon Falls Road) Improvements	GIF Op	II	II		\$55,000	\$0	\$0	\$0	\$0	\$0	\$55,000
J	Pavement Management Program	GIF Op	I	I		\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
J	Track Skid Loader	Lease	II	III		\$71,780	\$0	\$0	\$0	\$0	\$0	\$71,780
J	Expansion of DPW Building	GIF Op	II	III		\$0	\$0	\$0	\$0	\$25,000	\$200,000	\$225,000
	Public Works Department Total					\$748,917	\$703,132	\$578,650	\$492,896	\$477,575	\$525,500	\$3,169,765
	TOTAL GENERAL FUND					\$882,268	\$1,038,244	\$1,414,226	\$803,072	\$4,180,172	\$702,599	\$9,020,581

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

Section	Project by Division	Funding Source % Reimbursable	Priority		FY18	FY19	FY20	FY21	FY22	FY23	Totals FY18-FY23
			SAU	B, G & T							
	SCHOOL DEPARTMENT										
K	District Wide - HVAC, Ventilation Design, Plan & Specifications	G/F Op	I	I	\$200,000	\$300,000	\$300,000	\$300,000	\$100,000	\$100,000	\$1,300,000
K	High School - Asbestos Flooring Replacement	G/F Op	I	I	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$267,500
K	Middle School - Replace Boilers and Controls 1 through 5	G/F Op	I	I	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$500,000
K	Maple Wood - Bathroom Renovations	Bond	II	II	\$0	\$0	\$0	\$370,000	\$0	\$0	\$370,000
K	Maple Wood Elementary - Relocates/Renovates Main Office	Bond	IV	IV	\$0	\$0	\$0	\$726,000	\$0	\$0	\$726,000
K	Middle School - Repairs to Exterior walls of 1962 Section Wing	G/F Op	IV	IV	\$95,000	\$0	\$0	\$0	\$0	\$0	\$95,000
K	Middle School - Repairs to Exterior walls of 1962 Section & Do	G/F Op	IV	IV	\$0	\$38,000	\$0	\$0	\$0	\$0	\$38,000
K	Middle School - Re-Hab Bathrooms/Including ADA Imp	G/F Op	V	V	\$0	\$0	\$0	\$0	\$416,000	\$0	\$416,000
	SCHOOL DEPARTMENT TOTAL				\$448,500	\$491,500	\$453,500	\$7,240,500	\$569,500	\$100,000	\$3,712,500

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

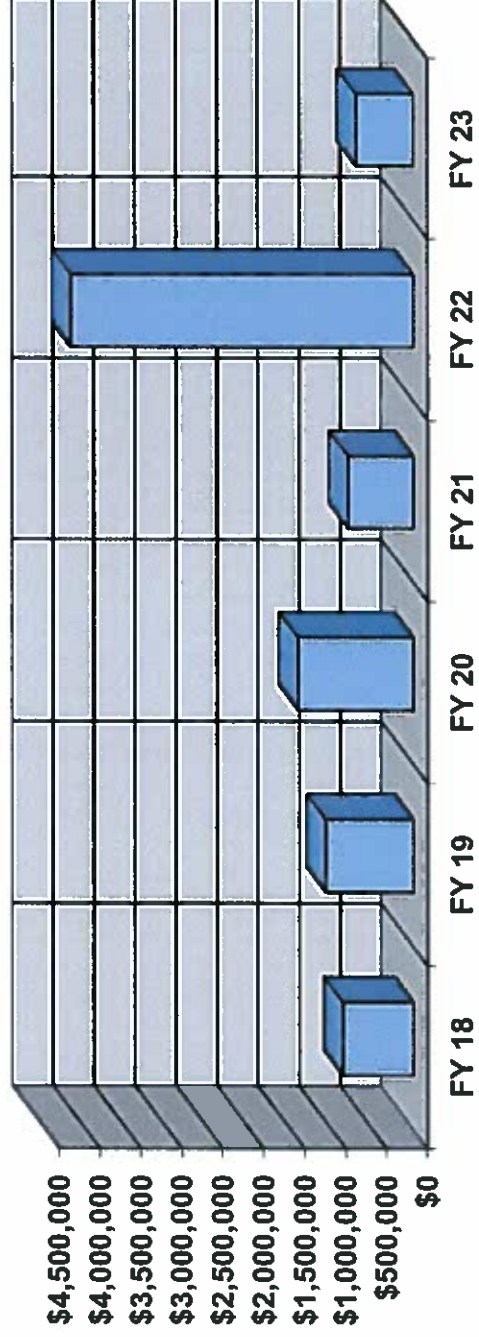
Section	Project by Division	Priority	Dept.	Manager	FY18	FY19	FY20	FY21	FY22	FY23	Totals FY18-FY23
	CAPITAL IMPROVEMENT PROGRAM GENERAL FUND TOTALS				\$1,330,768	\$1,529,744	\$1,867,726	\$2,352,572	\$4,849,672	\$802,599	\$12,733,081
	CURRENT CITY DEBT SCHEDULE (P&I)				\$771,361	\$737,041	\$707,928	\$616,684	\$525,539	\$288,384	\$3,646,937
	CURRENT SCHOOL DEB SCHEDULE (P&I)				\$1,875,134	\$1,861,721	\$1,719,023	\$1,693,783	\$1,681,274	\$1,663,976	\$10,505,211
	TOTAL - GENERAL FUND CIP & DEBT SERVICE				\$3,977,563	\$4,128,506	\$4,294,677	\$4,683,039	\$7,066,485	\$2,754,969	\$26,895,229
	Project by Division										
	ENTERPRISE WATER FUND										
L	Noble Pines Water Tank Rehabilitation		II	II	\$0	\$0	\$0	\$100,000	\$2,500,000	\$0	\$2,600,000
L	Truck-F150 Extended Cab 4x4		II	II	\$0	\$26,500	\$0	\$0	\$0	\$0	\$26,500
L	Hach Biotector B3500C TOC Analyzer		II	II	\$51,353	\$0	\$0	\$0	\$0	\$0	\$51,353
L	Replacement Truck for Water Distribution - Truck 903		II	II	\$0	\$0	\$0	\$0	\$49,434	\$0	\$49,434
L	Water Main-West High-High Street to James Ct.		II	II	\$0	\$0	\$0	\$0	\$130,800	\$576,000	\$706,800
	TOTAL - WATER FUND				\$51,353	\$26,500	\$0	\$100,000	\$2,680,234	\$576,000	\$3,434,087
	ENTERPRISE SEWER FUND										
M	Blackwater Road Pump Station Improvements		I	II	\$916,000	\$0	\$0	\$0	\$0	\$0	\$916,000
M	Solids Dewatering Centrifuge		I	II	\$1,786,667	\$0	\$0	\$0	\$0	\$0	\$1,786,667
M	Headwork's Influent Screens		I	II	\$780,667	\$0	\$0	\$0	\$0	\$0	\$780,667
M	Programmable Logic Controller Upgrade		II	II	\$0	\$0	\$0	\$0	\$85,900	\$0	\$85,900
M	Aeration Tank Improvements		I	II	\$799,667	\$0	\$0	\$0	\$0	\$0	\$799,667
M	Direct Drive Submersible Mixers		III	III	\$0	\$0	\$0	\$0	\$0	\$510,000	\$510,000
M	Camel 9 Yard Vacuum / Sewer Truck		II	III	\$0	\$0	\$0	\$0	\$352,500	\$0	\$352,500
	TOTAL - SEWER FUND				\$4,283,001	\$0	\$0	\$0	\$438,400	\$510,000	\$5,231,401
	CURRENT ENTERPRISE FUND DEBT SCHEDULE (P&I)				\$1,337,800	\$1,303,816	\$1,274,154	\$1,246,943	\$1,216,779	\$1,191,366	\$7,570,858
	ENTERPRISE FUNDS TOTAL				\$5,671,854	\$1,330,316	\$1,274,154	\$1,346,943	\$4,335,413	\$2,277,366	\$16,236,146
	Pavement Management Plan - Complete Streets Projects										
N	Downtown Infrastructure Improvements - Phase 2		I	II	\$60,000	\$2,100,000	\$0	\$600,000	\$6,000,000	\$0	\$8,760,000
N	Indigo Hill Road -Main Street to Rita Road		II	II	\$0	\$0	\$0	\$0	\$2,269,555	\$0	\$2,269,555
N	Blackwater Road Reconstruction		II	II	\$0	\$0	\$300,000	\$1,400,000	\$0	\$0	\$1,700,000
N	Cemetery Road Reconstruction		II	II	\$0	\$0	\$130,000	\$648,000	\$0	\$0	\$778,000
N	Constitutional Way Reconstruction		II	II	\$555,000	\$0	\$0	\$0	\$0	\$0	\$555,000
N	TAP Grant		II	II	\$936,500	\$0	\$0	\$0	\$0	\$0	\$936,500
N	High Street - Blackwater Road to Franklin Street		II	II	\$2,822,000	\$0	\$0	\$0	\$0	\$0	\$2,822,000
	TOTAL - Pavement Management Plan - Complete Streets Projects				\$4,373,500	\$2,100,000	\$430,000	\$2,648,000	\$8,269,555	\$0	\$17,821,055
	TOTAL - ALL PROJECTS				\$14,023,017	\$7,558,822	\$5,998,831	\$8,657,982	\$19,671,453	\$5,032,325	\$60,942,430

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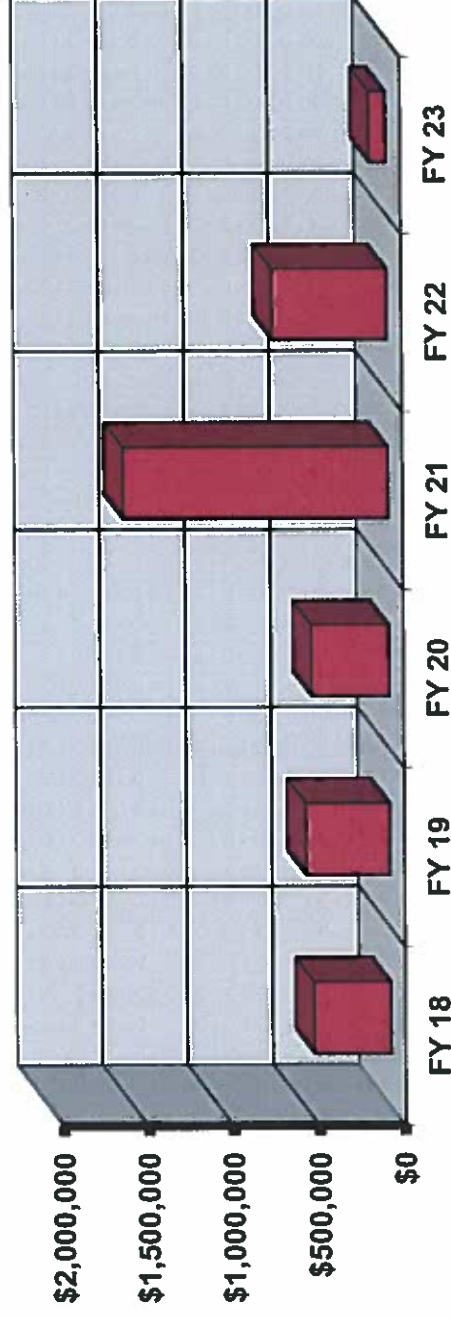
City of Somersworth
 Capital Improvements Program - Summary of Projects by Year

SOMERSWORTH CIP - SUMMARY									
Section	Project by Division		FY18	FY19	FY20	FY21	FY22	FY23	Totals FY18-FY23

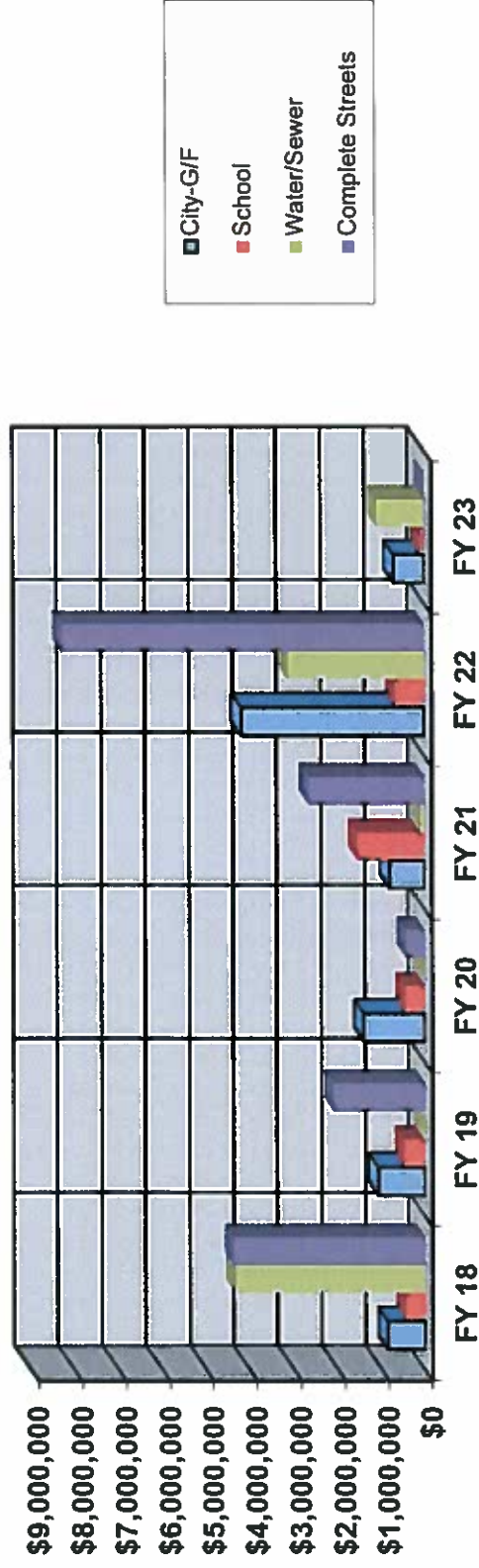
**City CIP - Requests
G/F Totals by Year**



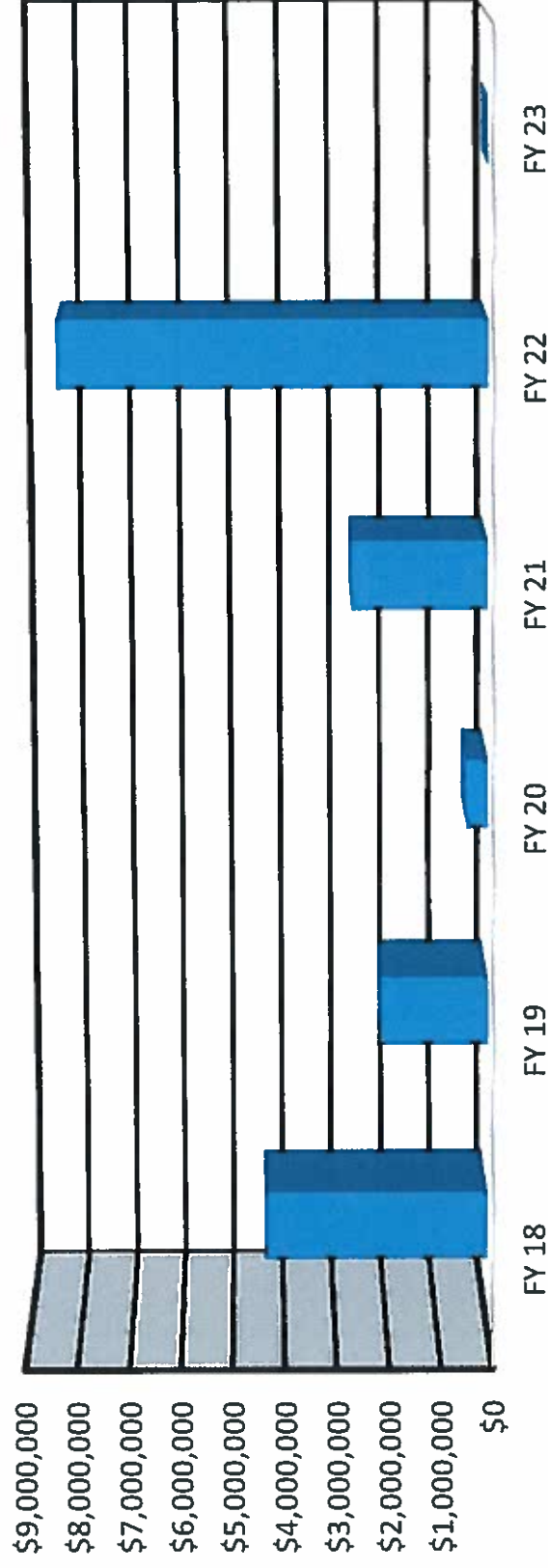
**School CIP - Requests
Totals by Fiscal Year**



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, 2016

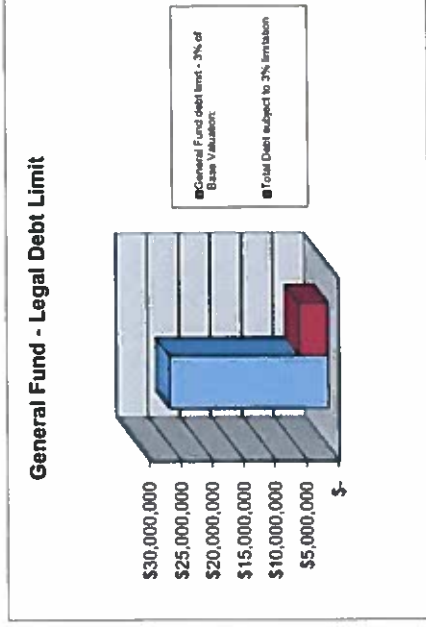
DRA Certified Base Valuation for Debt Limit \$ 843,613,610

General Fund debt limit - 3% of Base Valuation: **\$ 25,308,408**

Gross G/F Bonded debt June 30, 2016	4,744,100
Less:	
Landfill	50,000
	4,694,100

Total Debt subject to 3% limitation	4,694,100
Legal Debt Margin	\$ 20,614,308

**19%
81%**

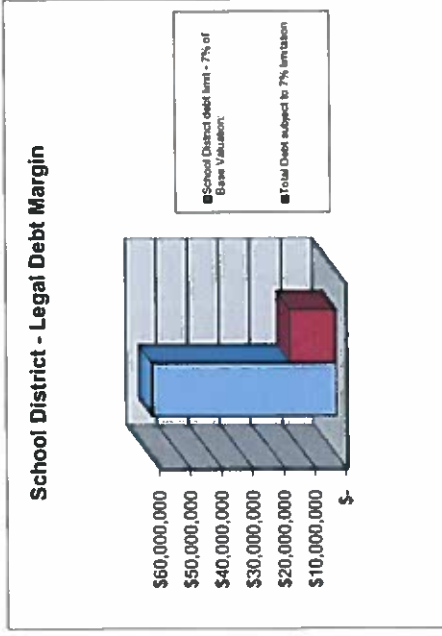


School District debt limit - 7% of Base Valuation: **\$ 59,052,953**

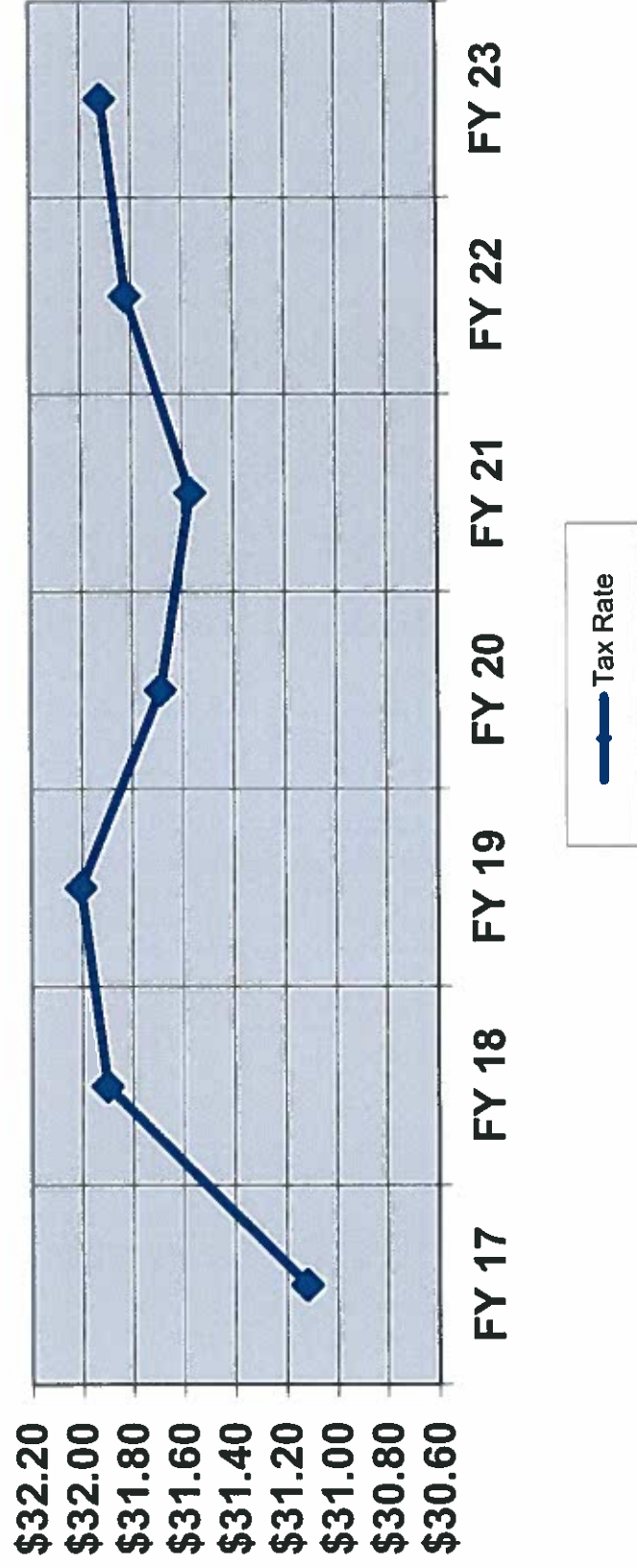
Gross School Bonded debt June 30, 2015	13,249,500
Add:	
Authorized but Unissued Resolution	1,625,000
	14,874,500

Total Debt subject to 7% limitation	14,874,500
Legal Debt Margin	\$ 44,178,453

**25%
75%**

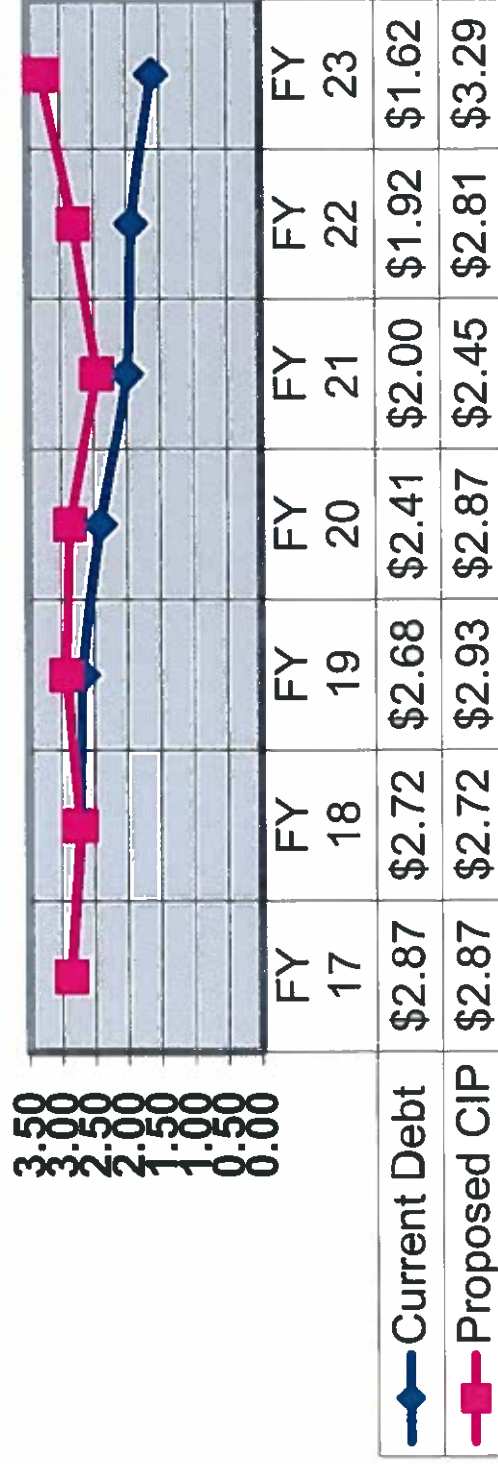


**Estimated Impact on Tax Rate
of Proposed CIP by Fiscal Year**



Impact of Proposed CIP on Debt Payments

Debt Payments as Portion of Tax Rate



Project Title:	Master Plan Update - Transportation Element			
Department:	Submitted By:		Date:	Priority:
Development Services	Shanna B. Saunders		September 7, 2016	II
				Project Cost: \$25,000

1. General Project Description? Update the City's Master Plan to include a Transportation chapter as authorized by NHRSA 674:2. The Master Plan, updated in 2000 and again in 2010, focused on the following elements, The Vision, Land Use and Natural Resources, Community Facilities, Economic Development, Downtown, Housing Recreation and Open Space.

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 and prioritize specific improvements to the City's transportation network that would result in a transportation system that allowed people, goods, and services to move more efficiently and effectively throughout the community. Projects that are identified in the Master Plan are generally more competitive in accessing grant funds. In addition these projects are more likely to be listed on the State's Ten Year Plan and Long Range Plan that can provide funding.

3. Is this a replacement item? If NOT, How was the need previously met? Identifying and prioritizing specific transportation improvements is not part of the current Master Plan. The need was previously met by conducting transportation studies in small areas throughout the City such as the southern portion of the High Street corridor and the downtown and requiring transportation studies for site specific projects.

4. List name of Firm and price of quotes received.
Will solicit bids based on qualifications and develop specific scope of services in the future.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund				\$25,000				\$25,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$25,000	\$0	\$0	\$0	\$25,000
Commence FY:	Quarter:				Prior Years' Funding			
							Total Project	\$25,000

DATA ENTRY FORM #A2

Project Title:							Feasibility Study - Riverwalk expansion						
Department:		Submitted By:		Date:		Priority:		Project Cost:					
Development Services		Shanna B. Saunders		September 7, 2016		I		\$30,000					

1. General Project Description? Goal 1.10 of the City's Master Plan states: "Prepare a Salmon Falls River Riverfront Plan from the Berwick Bridge to the municipal boundary with Rollinsford that encourages maximum public access and ensures appropriate public use of the riverfront area..." This proposal is to conduct a feasibility study on the construction of an expansion to the City's Riverwalk 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The existing Riverwalk park is a single parcel. A connection to the commercial center of our downtown will provide economic growth for the area. 3. Is this a replacement item? No If NOT, How was the need previously met? The existing Riverwalk begins off of Buffumsville Rd and traverses approximately a half mile. The extension would be north-ward towards the Berwick bridge with the possibility to connect to a Berwick Riverwalk now in discussion. 4. List name of Firm and price of quotes received. Received verbal quote from experienced planning firm												
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund				\$30,000			\$30,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$30,000		\$0	\$30,000
Commence FY:	Prior Years' Funding						
	Total Project						\$30,000

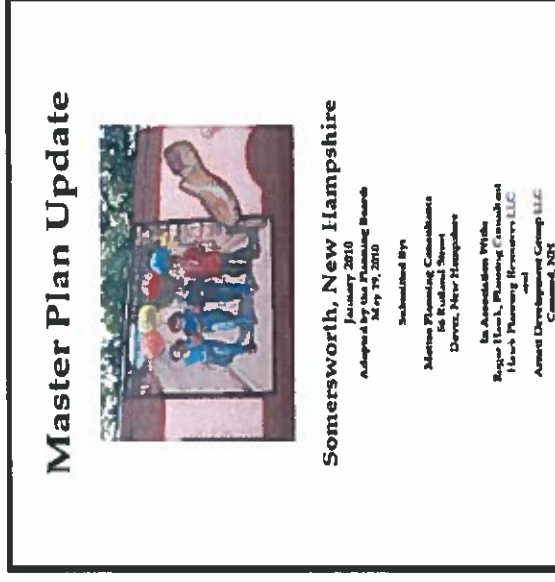
Project Title:	Growth and Development Strategy		
Department:	Submitted By:	Date:	Priority:
Development Services	Shanna B. Saunders	September 7, 2016	III
			Project Cost:
			\$30,000

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:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund								\$0
Bonds/Lease					\$0		\$30,000	\$30,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
				\$0	\$0	\$0	\$30,000	\$30,000
Commence FY:							Prior Years' Funding	
							Total Project	\$30,000

Project Title: Replacement Vehicles for Building Inspection			
Department:	Submitted By:	Date:	Priority:
Development Services	Shanna B. Saunders	September 7, 2016	II
			Project Cost:
			\$26,000

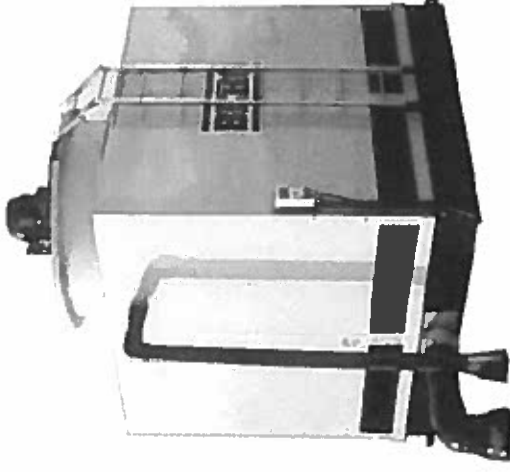
1. General Project Description: Purchase fuel efficient replacement vehicles for Building Inspection. City has maintained practice of downshifting police cruisers for this purpose, however that has become unreliable and impacts effective and efficient enforcement.	
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This will change the City's practice of utilizing retired police cruisers that can be unreliable and expensive to maintain. Switching to more efficient vehicles will reduce fuel costs and lower carbon emissions. It will also improve reliability as the current vehicles have frequent issues.	
3. Is this a replacement item? Yes. It will replace the retired police cruisers in use at the time of the improvement. If NOT, how was the need previously met?	
4. List name of Firm and price of quotes received. Based on current cost of similar type vehicles.	

Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund								\$26,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$26,000	\$0	\$0	\$0	\$0	\$0	\$26,000
Commence FY:		Quarter:			Prior Years' Funding			
					Total Project			
					\$26,000			

DATA ENTRY FORM #B1

Project Title:	City Hall Cooling Tower Maintenance		
Department:	Submitted By:	Date:	Priority:
Development Services	Shanna B. Saunders	September 7, 2016	II
Project Cost:			\$25,000

1. General Project Description? HVAC improvements including replace roof top cooling tower unit that has weathered badly
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
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. Presently we are out to bid and awaiting the engineers report regarding the whole system and future maintenance needs



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund	\$25,000						\$25,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$25,000

Project Title:		Millennium Park Pavilion			
Department:		Submitted By:		Date:	
Development Services		Shanna B. Saunders		September 7, 2016	
		Priority:		Project Cost:	
		II		\$16,000	

1. General Project Description? the City will construct and install a new pavilion on site. This will be a 30 ft. by 24 ft. open air pavilion with no utilities in the same foot print as the existing pavilion. This would tie in with the investment put into the park but the abutting developer who is replacing the playground, updating the parkhouse, bleachers and ballfield.

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?
If NOT, How was the need previously met? Yes

4. List name of Firm and price of quotes received.
Applied a 3% annual inflation factor to 2009 cost of pavilion by Timber peg construction. Possible LWCF could be sought in June 2017. This is a 50/50 match grant.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund			\$8,000					\$8,000
Bonds/Lease								\$0
Grant			\$8,000					\$8,000
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$16,000

DATA ENTRY FORM #C2

Project Title: Irrigation - Millennium Park		Priority: II		Project Cost: \$15,000	
Department: Development Services	Submitted By: Shanna B. Saunders	Date: September 7, 2016			

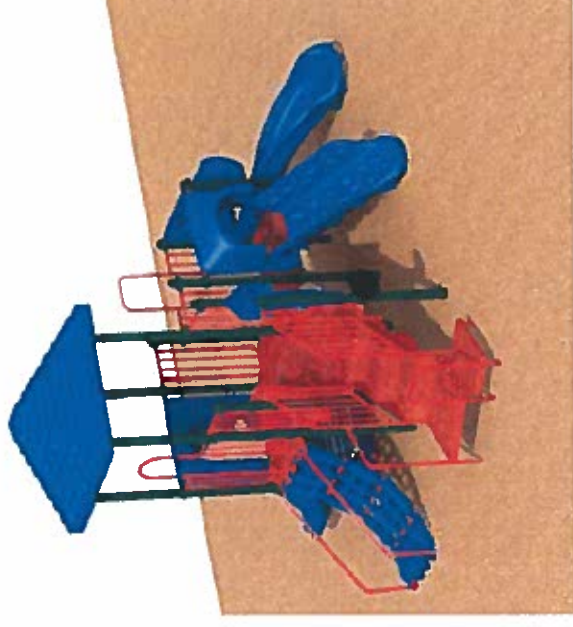
1. General Project Description: Irrigation for Millennium Park ball field. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This is the only City park that is rented out for leagues and parties. The outfield has dead and bare patches. This field needs an irrigation system that provides water on a limited basis. 3. Is this a replacement item? No If NOT, how was the need previously met? The need was not met. 4. List name of Firm and price of quotes received. Reasonable estimate based on prior projects.	
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Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund							\$15,000	\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$15,000

DATA ENTRY FORM #C3

Project Title:	Jules Bisson Park Playground Equip.		
Department:	Submitted By:	Date:	Priority:
Development Services	Shanna B. Saunders	September 7, 2016	II
Project Cost:			\$35,000

- General Project Description? Replace the existing playground feature at Jules Bisson Park with a new one
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The existing play structure is showing wear and is nearing the end of its useful life. This is one of our most popular urban parks.
- Is this a replacement item? Yes
If NOT, How was the need previously met?
- List name of Firm and price of quotes received.
Quote received from Pettinelli and Associates #71160506 10-3-16

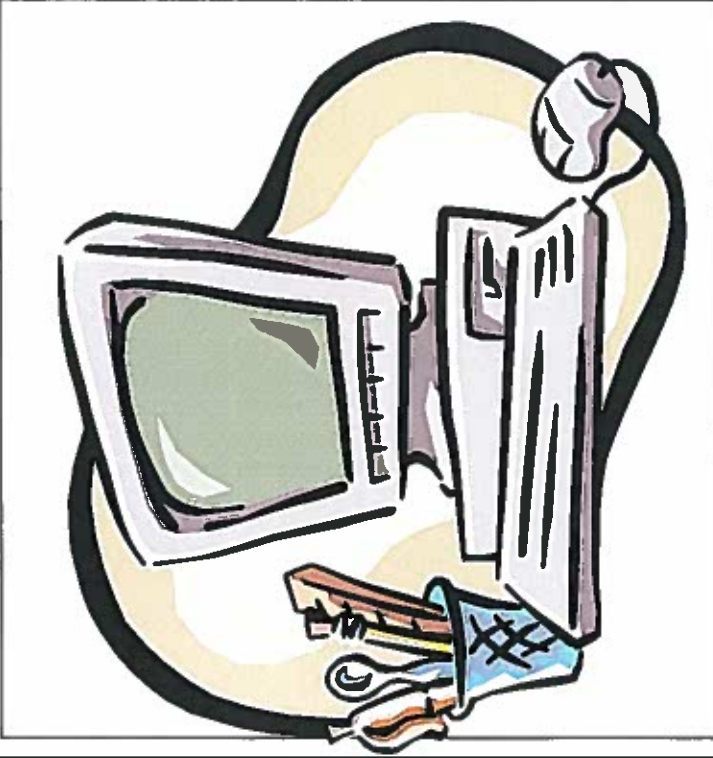


Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund		\$35,000					\$35,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$35,000

DATA ENTRY FORM #E2

Project Title:	Replacement Equipment - Server/Network		
Department:	Submitted By:	Date:	Priority:
Finance/Administration	Scott Smith	September 7, 2016	III
			Project Cost:
			\$22,500

- General Project Description?** The City is currently in the process of upgrading the old server based on last year's CIP. This is simply in anticipation of upgrading in the future to newer technology.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Update equipment to current operating standards.
- Is this a replacement item?** Yes
- List name of Firm and price of quotes received.**
Current Upgrade of \$19,868 adjusted for inflation.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund					\$22,500		\$22,500
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$22,500	\$0	\$22,500
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$22,500

Project Title:		Library - Roof Replacement	
Department:	Submitted By:	Date:	Priority:
Finance/Administration	Scott Smith	September 7, 2016	II
Project Cost:		\$45,495	

1. General Project Description? Somersworth Public Library roof was installed in 1993. Library roof is nearing the end of expected life cycle. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? General Maintenance of the facility, maintain a key asset belonging to the City. 3. Is this a replacement item? Yes If NOT, How was the need previously met? 4. List name of Firm and price of quotes received. Based on bids received in August 2014 for the WTP. LGR1 bid = \$7.89/sq. ft. Library = 4,836 sq. ft. X \$7.89 = \$ 38,156, then adjust for inflation.	
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund		\$45,495					\$45,495
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$45,495	\$0	\$0	\$0	\$0	\$45,495
Commence FY:	Quarter:					Prior Years' Funding	Total Project
							\$45,495

DATA ENTRY FORM #G1

Project Title:		New Fire Station	
Department:	Submitted By:	Date:	Priority:
FIRE	Keith Hoyle Fire Dept.	Sept. 7, 2016	II
		Project Cost:	
		\$3,617,250	

1. General Project Description? Replace existing 10,500 sq. ft. fire station with a 15,000 sq. ft. station to accommodate apparatus bays, training area, crew quarters, equipment maintenance, decontamination & storage, and administrative offices. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Existing facility, built in 1977, does not meet nationally recognized standards for fire stations. The solar heating system has failed, and the building is not energy efficient, resulting in high electrical and heating costs. The "dry-stack" masonry construction will not withstand a minor earthquake event, which would result in major damage to the building and fire apparatus. Construction of an addition would be cost prohibitive, and could result in significant structural complications. Administrative office space is not conducive to modern business practices; shift supervisors do not have adequate office space or the ability to handle confidential personnel matters. Current Administration "Chief" Office is located off dispatch center and Administrative Assistant is located within dispatch center. Daily station activity creates high noise levels making it difficult to conduct normal administrative business. The existing facility does not have separate facilities for female employees. 3. Is this a replacement item? Yes If NOT, How was the need previously met? 4. List name of firm and price of quotes received. Still need to obtain new cost estimate. Preliminary estimates are based on a comparison of costs and space needs with the Dover FD Liberty North End Fire Station, built in 2008. Additional funds may be necessary to house personnel and equipment during the construction phase on the existing fire station site and for building demolition. * Note: The Mayor's advisory committee studied this project and recommended a new station be built.	
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Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund	Preliminary Design				\$172,250			\$172,250
Bonds/Lease						\$3,445,000		\$3,445,000
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$172,250	\$3,445,000	\$0	\$3,617,250
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$3,617,250

Project Title:	Thermal Imaging Camera		
Department:	Submitted By:	Date:	Priority:
FIRE	Keith Hoyle Fire Dept.	Sept. 7, 2016	II
			Project Cost:
			\$13,650

1. General Project Description? Thermal Imager Camera (TIC) with vehicle charger and spare battery.

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

Thermal Imager Camera is used during firefighting operations to find lost or injured people through smoke and to assist in over all operations to reduce/eliminate rekindles of extinguished fires.

This is our final year of our four year plan to add a TIC on each Engine and one on the Ladder Truck to increase firefighter safety and life saving operations.

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.

Fire Tech and Safety of New England \$13,650



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund							\$0
Bonds/Lease	\$13,650						\$13,650
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$13,650	\$0	\$0	\$0	\$0	\$0	\$13,650
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$13,650

DATA ENTRY FORM #G3

Project Title:		Forestry Vehicle Replacement	
Department:	Submitted By:	Date:	Project Cost:
Fire	Keith Hoyle Fire Dept.	Sept. 7, 2016	\$75,000
		Priority:	
		I	

1. General Project Description?
Ford F-350 4X4 and install radio, emergency lighting and graphics.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
Current vehicle is a 1988 military Humvee 4X4 with approximately 120,000 miles which we purchased from another NH Fire Department (some are combat miles in Iraq).
Replacement vehicle will have flatbed w/compartments for tool storage, 300 gallons of water and a pump designed for woodlands usage re-used from our current vehicle.

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

4. List name of firm and price of quotes received.
Based on estimates obtained from Eastern Fire Apparatus and Irwin Ford of Laconia.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease			\$75,000					\$75,000
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$75,000

DATA ENTRY FORM #G5

Project Title: Replace 1995 Pumper		Date: Sept. 10, 2015	Priority: II	Project Cost: \$750,000
Department: Fire		Submitted By: Keith Hoyle, Fire Chief		

1. General Project Description? Replace Engine 2 1995 Central States 1250 gpm pumper. Industry standards dictate that all fire apparatus be replaced after 20 years of service. Engine 2 will be 24 years old with well over 60,000 road miles and considerable more engine hours while pumping. The replacement vehicle will be a "quint" type pumper with a 75 foot aerial ladder attached and will become the first-out unit. The "quint" apparatus will give us capability to rescue trapped occupants on our first-arriving truck, rather than waiting for a mutual aid ladder truck to arrive (or our own ladder truck with off-duty personnel). And this purchase will push off replacing our own ladder truck in 2026 to the tune of \$1.2 million. 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.		
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 is that a "quint" with a 75 foot aerial would cost approximately \$750,000. The vehicle is about 6 feet longer than our standard pumper.		

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund			\$750,000				\$750,000
Bonds/Lease							\$0
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$750,000	\$0	\$0	\$0	\$750,000
Commenche FY:	Quarter:						
				Prior Years' Funding		Total Project	\$750,000

Project Title:	Replace Portable Radios		
Department:	Submitted By:	Date:	Project Cost:
Fire	Keith Hoyle, Fire Chief	Sept. 7, 2016	\$73,483
		Priority:	
		I	

1. General Project Description?

Replace all the portable radios that were purchased in 2005 and 2006 through a NH Homeland Security grant. We have 28 units presently but with the additional call firefighters being added over time (20 total), we need to have 37 portable radios. Portable radios typically have an 8-10 year longevity. We propose to replace 10 per year over a four year span. Each radio costs \$3,520. This is Year 3 of the replacement program.

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 so that we can provide effective public safety services for our citizens. Portable radios are an important tool for us in that we need to be able to communicate immediately back to the dispatch center critical information regarding emergency situations we face or develop once we are on scene.

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.

Two-Way Communications on NH state bid list.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund		\$33,915	\$39,568					\$73,483
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$33,915	\$39,568	\$0	\$0	\$0	\$0	\$73,483
Commence FY:	Quarter:					Prior Years' Funding		\$36,000
						Total Project		\$109,483

Project Title:	Vehicle Mobile Radios			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Fire	Keith Hoyle Fire Dept.	Sept. 7, 2016	II	\$50,556

1. General Project Description?

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. We are on the 100 series frequencies and will need to completely change our frequency at a cost of \$5556 apiece.. The timetable for this move as administered by the federal government is fluctuating at present - hence our assignment of Priority II. It is unclear whether the feds will offer grants to municipalities to ease the burden of the high cost of such a program. As we have 8 vehicles with Fire Department radios and one more in our Dispatch Center, this cost will be \$50,000. In addition, we operate the Community Air Van, with a shared cost by 10 communities, which will add another \$556 to our cost for the shared mobile radio. This will yield a total cost of \$50,556.

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 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.

Written quote by two-Way Communications on NH state bid list.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund		\$50,556					\$50,556
Bonds/Lease							\$0
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
		Totals	\$0	\$50,556	\$0	\$0	\$50,556
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$50,556

DATA ENTRY FORM #G8

Project Title:	4WD Pickup Truck		
Department:	Submitted By:	Date:	Project Cost:
Fire	Keith Hoyle Fire Dept.	Sept. 7, 2016	\$50,000
Priority:	II		



1. General Project Description?
We have a 2005 4WD Ford F-350 4 door pick-up that serves as a Utility truck (until 2013 it was the brush truck/plow truck but replaced as the brush truck in 2013).
It will have over 50,000 tough miles on it when it is 15 years old, with many more engine hours than road miles. It is rusting in the frame area and has been repaired by the DPW in 2015. The replacement vehicle will be from the state bid list and be a 4 door 4WD unit with a plow for winter snow removal means (we take the vehicle on emergencies during snowstorms to assist with EMS and fire access). The bid price currently is \$46,000.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
Currently the 10 year old vehicle is rusting and we project it will need replacement in FY20 as maintenance costs, including rust on the frame and body, are mounting.

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.
Irwin Ford estimate (state bid list vendor for Ford F-350 4WD crew cab with plow)

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund				\$50,000			\$50,000
Bonds/Lease							\$0
Grant							\$0
Lease							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$50,000

DATA ENTRY FORM #H1

Project Title:		Police Cruiser - Ford Explorer Package					
Department:	Submitted By:	Date:	Priority:	Project Cost:			
Police	Chief David Kretschmar	September 7, 2016	I	\$35,686			
1. General Project Description? This is a rolling replacement program for line cruisers and changeover to Ford Explorer Police Cruisers. 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. 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: Irwin Ford (State Bid) \$26,454.00 2 Way Communications - Equipment - \$8,357.00 Wayne Chaloux's Signs & Graphix \$875.00							
			FY 20	FY 21	FY 22	FY 23	Yearly Total
							\$0
			\$35,686	\$77,924	\$40,097	\$82,599	\$35,686
							\$0
							\$0
							\$0
							\$0
Total Project Funds:							
Sources:							
General Fund							
Bonds/Lease							
Grant							
Enterprise Fund							
Other							
Totals			\$73,513	\$77,924	\$40,097	\$82,599	\$35,686
Quarter:							
Commence FY:							
			Prior Years' Funding		Total Project		
							\$35,686

Project Title:		AFIS Fingerprinting System				
Department:	Submitted By:	Date:	Priority:	Project Cost:		
Police	Chief David Kretschmar	September 7, 2016	II	\$22,749		

- General Project Description?** AFIS (Automated Fingerprint Indexing System) was developed by the FBI and allows collection and matching of fingerprint data quickly and efficiently.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This will bring us into the 21st century of policing. An AFIS System would allow us to quickly take prints and submit them to the State for fingerprint comparison in minutes. These high quality finger prints will be matched with other computer records. If no match is found, the high quality fingerprints will be retained by the State and turned over to the FBI and these prints might match other prints submitted from a crime scene in another part of the country. An AFIS System is considered to be an invaluable resource in solving crime.
- Is this a replacement item?** No
If NOT, How was the need previously met? We still have fingerprint cards printed and use ink to obtain fingerprints. Data is then hand written onto the cards and they are mailed to the State and FBI for comparison.
- List name of Firm and price of quotes received:**
 Safran MorphoTrak - \$22,749.00



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Yearly Total
Sources:							\$0
General Fund			\$22,749				\$22,749
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$22,749	\$0	\$0	\$0	\$22,749
Commence FY:	Quarter:		Prior Years' Funding		Total Project		\$0
							\$22,749

Project Title:	Replacement of One-Ton Dump Truck No. 201				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	August 29, 2016	I	\$78,362	
1. General Project Description: Replace a 2006 one-ton truck (Truck No. 201). This truck will be used as a front line plow vehicle and for year-round general purpose work. The replacement vehicle will be outfitted with a dump body, stainless steel plow, and one-ton sander. We intend to continue moving forward specifying for a heavy duty, one-ton (Ford 450 or equivalent) as these have a sturdier frame and higher GVW than the 350 genre the Department now has. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Current vehicle has over 104,000 miles and will meet its life expectancy by 2019. Life expectancy is 8-12 years. This vehicle will perform some of the lighter work that the remaining heavy duty one-tons are less suitable for. Replacing with a heavy duty one-ton will contribute toward reduced 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. 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 parts for scheduled and unscheduled services. By having a Ford city-wide fleet, the long term maintenance costs will be predictable and controlled. 3. Is this a replacement? Yes. It would replace vehicle No. 201, a Chevrolet one-ton truck. It will have an estimated 115,000K miles when it is replaced. 4. List name of Firm and price of quotes received. Based on quote 8/2016 Grappone Ford, Cab and Chassis \$45,187 Central hydraulics, strobe lighting, etc. \$33,175 HP Fairfield, Outfitting for plow, dump body <u>\$78,362</u> Total cost \$78,362 -Intent is to trade in current vehicle "201" Trade value \$7,500-current trade in value. -Please leave an allowance of 3% per annum price increase on truck and accessories.					
 Proposed New One-ton dump truck  Existing Chevy One-ton dump truck					
Total Project Funds:					
Sources:					
General Fund					\$0
Bonds/Lease					\$78,362
Grant					\$0
Enterprise Fund					\$0
Other					\$0
	Totals	\$78,362	\$0	\$0	\$0
Commence FY:	Quarter:			Prior Years' Funding	Total Project
				\$0	\$78,362

Project Title:	Replacement of One-Ton Dump Truck No. 202						
Department:	Submitted By:	Michael Bobinsky	Date:	August 29, 2016	Priority:	II	Project Cost:
Public Works	\$78,362						

1. General Project Description: Replace a 2006 one-ton truck (Truck No. 202). This truck will be used as a front line plow vehicle and for year round general purpose work. The replacement vehicle will be outfitted with a dump body, stainless steel plow, and one-ton sander. We intend to continue moving toward specifying for a heavy duty one-ton (Ford 450 or equivalent) as these have a sturdier frame and higher GVW than the 350 genre we now have. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Current vehicle has over 80,000 miles and will meet its life expectancy by 2019. Life expectancy is 8-12 years. This vehicle will perform some of the lighter work that the remaining heavy duty one-tons are less suitable for. Replacing with a heavy duty one-ton should reduce the frequency of repairs. Warranty is 36 mths/36,000 mile bumper to bumper "excluding wearable items" and a 5-yr 60,000 mile power train warranty. The diesel engine has a 100,000 mile warranty on it, diesel is more fuel efficient (21 MPG vs. 15 MPG), and continuing with a Ford purchase postures DPW to be more standardized and efficient with the performance of and stocking of parts for scheduled and unscheduled services. By having a Ford citywide fleet, the long term maintenance costs are controlled and better managed. 3. Is this a replacement item? Yes. It would It replace vehicle No. 202, a Chevrolet one-ton truck. It will have over 100,000K miles when it is replaced. 4. List name of Firm and price of quotes received. Based on quote 8/2016 Grappone Ford, Cab and Chassis \$45,187 HP Fairfields, Out fitting for plow, dump body, central hydraulics, strobe lighting, etc \$33,175 Total cost \$78,362 Intent is to trade in current vehicle "201" Trade value \$7,500-current trade in value. Please leave an allowance of 3% per annum price increase on truck and accessories								Proposed New One-ton dump truck 							
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Existing Chevy One-ton dump truck 															
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Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund			\$78,362					\$78,362
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$78,362	\$0	\$0	\$0	\$0	\$78,362
Commence FY:	Quarter:						Prior Years' Funding	Total Project
								\$78,362

Project Title:	Replacement of One-Ton Truck No. 103		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	8/31/2016	III
			Project Cost:
			\$46,398

1. General Project Description: Replacing foreman truck 103 with new Ford.
 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 62,000 miles on it and should have about 115,000 by 2021. Life expectancy is 8-12 years or 120,000 miles. This vehicle will perform some of the lighter work that the remaining heavy duty 1-tons are less suitable for, will function as 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 take the place of Unit 103 as the general foreman's truck. The Department will be saving the body and installing the body in-house on the new chassis. The Body will be sent to an area body shop for sand blast and re-painting.

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

Based on purchase of similar truck - Quote 8/31/2016

-Grappone Ford, Cab and Chassis=\$42,898

-Rogers auto body, sand blast and paint service body \$3,500

-Intent is to trade in current vehicle 103, Trade value \$4,000-current trade in value.

-Please leave an allowance of 3% per annum price increase



Proposed New Cab & Chassis to replace existing Foreman's Truck # 103



Existing DPW&Utilities Foreman's Truck

Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund					\$46,398			\$46,398
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$46,398	\$0	\$0	\$46,398
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$46,398

Project Title:		Combination Plow Truck No. 306				
Department:		Submitted By:	Date:	Priority:	Project Cost:	
Public Works		Michael Bobinsky	August 31, 2016	I	\$167,875	

1. General Project Description: Purchase a new plow truck. This truck will be a front line plow/sander truck. The truck will be equipped with carbon steel combo dump body, with an in body sander. It will also have a switch plow and wing, and standard hydraulic plow controls allowing the driver to direct the snow in a more efficient manner. This truck will also be equipped with on-spots for traction control. This truck will also be used year round for general purpose work in the city. Truck will come with an extended 5 year warranty coverage. With a base coverage 2 year/200,000 miles 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This would replace existing truck 306 to plow main routes. Continuing with a Peterbilt purchase postures DPW to be more standardized and efficient with the performance of and stocking for scheduled and unscheduled services. 3. Is this a replacement item? Yes. Current truck is a 2002 plow truck, which is currently used as a front line plow truck with a dedicated run. Truck 306 has 54,629 miles. New truck will become a front line vehicle. Diesel is more fuel efficient(15 MPG vs. 8 MPG) 4. List name of Firm and price of quotes received. Received Quotes on 8/31/2016 -NH Peterbilt Cab and Chassis assembly \$95,400 -HP Fairfield \$72,475 Plow, Wing, Sander, Dump body, Controls, Tarping system, lighting, On-Spots, Plumbing and installed -Intent is to Trade in, value on truck 306 is \$6,500 -current trade in value -Please leave an allowance of 3% per annum price increase on truck and accessories		Proposed New 6-Wheeled Dump Truck 	
Existing 5-Wheeled Dump Truck #306 			

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund	\$167,875						\$167,875
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$167,875	\$0	\$0	\$0	\$0	\$0	\$167,875
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$167,875

Project Title:	Combination Plow Truck No. 303		
Department:	Submitted By:	Date:	Project Cost:
Public Works	Michael Bobinsky	August 31, 2016	\$167,875

1. General Project Description:

Purchase a new plow truck. This truck will be a front line plow/sanding truck. The truck will be equipped with carbon steel combo dump body, with an in body sander. It will also have a switch plow and wing, and standard hydraulic plow controls allowing the driver to direct the snow in a more efficient manner. This truck will also be equipped with on-spots for traction control. This truck will also be used year round for general purpose work in the city. Truck will come with an extended 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 303 to plow main routes. Continuing with a Peterbilt purchase postures DPW to be more standardized and efficient with the performance of and stocking for scheduled and unscheduled services.

3. Is this a replacement item? Yes. Current truck is a 2000 plow truck, which is currently used as a front line plow truck with a dedicated run. Truck 303 has 46,000 miles. New truck will become a front line vehicle. Diesel is more fuel efficient (15 MPG vs. 8 MPG)**4. List name of Firm and price of quotes received. Received Quotes on 8/31/2016**

-NH Peterbilt

Cab and Chassis assembly \$95,400

-HP Fairfield \$72,475

Plow, Wing, Sander, Dump body, Controls, Tarping system, lighting, On-Spots, Hydraulic Plumbing and installation.

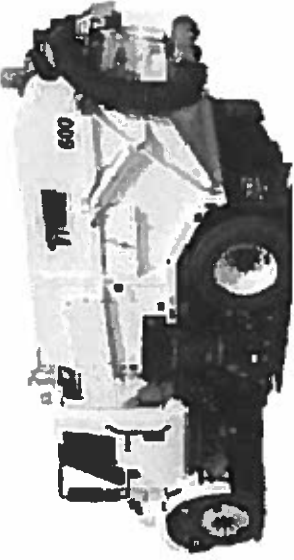
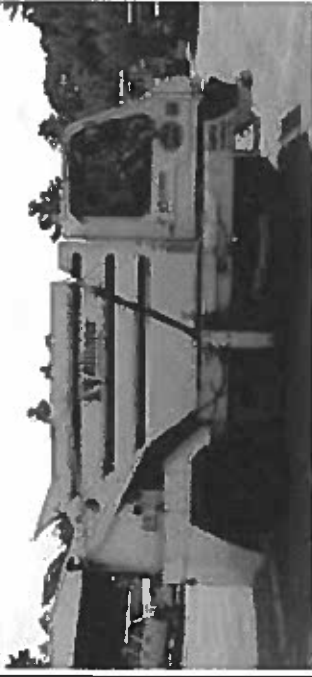
-Intent is to Trade in, value on truck 303 is \$6,500, current trade in value.

-Please leave an allowance of 3% per annum price increase on truck and accessories

Proposed New 6-Wheeled Dump Truck**Existing 6-Wheeled Dump Truck #303**

Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease				\$167,875				\$167,875
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$167,875	\$0	\$0	\$0	\$167,875
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$167,875

Project Title:	Sweeper Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	8/31/2016	I	\$249,750

1. General Project Description: Purchase a Tymco model 600 heavy-duty, chassis-mounted, regenerative air street sweeper with an 7.3 cubic yard hopper or equivalent. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The current sweeper is a 2009 mechanical sweeper. It has a higher per year maintenance cost than a vacuum sweeper. As years progress, service cost will rise. The current sweeper is starting to reach its life expectancy of 10 years and maintenance repairs are becoming very costly. This new unit will have use in the Sewer Utilities in addition to street sweeping, by cleaning catch basins, and in emergency situations assisting with cleaning sewer lines. 3. Is this a replacement item? Yes. The new sweeper is mounted on a heavy duty truck frame and will have a stand alone engine to run sweeper. The design will result in the lower cost of preventative maintenance as the Department would no longer have to order special filters from the dealer and longer preventative maintenance interval would occur. Old sweeper is serviced every 100 hours. 4. List name of Firm and price of quotes received. -Pricing received from Donovan Equipment \$249,750 -Please leave an allowance of 3% per annum price increase -Trade in quote \$6,000 "will be requested next year". Plus the Department to evaluate retaining the older sweeper for backup and special event purposes.	 Proposed New Tymco Regenerative Air Street Sweeper  Existing Mechanical Street Sweeper
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease		\$249,750					\$249,750
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$249,750	\$0	\$0	\$0	\$0	\$249,750
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$249,750

Project Title:	Replacement of John Deere loader 503				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	August 31, 2016	III	\$102,000	

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. By having the plow equipment swapped from old loader to new, it will save the city the added expense of buying new plow equipment for new loader. A savings of \$32,000 in new plow equipment not needed. 3. Is this a replacement item? Yes By replacing loader 503 at its 10 to 12 year age we will not be running into the heavy maintenance repairs that may arrive unexpectedly, also by trading equipment in at the 10 to 12 year age we 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 \$172,000 trade in value - \$70,000-current trade value Total cost \$102,000 Quote includes Nortrax's to remove plow equipment from old loader and install in new equipment.	 Proposed New John Deere Front-End Wheeled Loader  Existing John Deere Front-End Loader
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund					\$102,000		\$102,000
Bonds/Lease							\$0
Grant							\$0
Water Fund							\$0
Sewer Fund							\$0
	Totals	\$0	\$0	\$0	\$102,000	\$0	\$102,000
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$102,000

DATA ENTRY FORM #J8

Project Title:	3 Ton Asphalt Recycler & Hot Box Trailer		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	September 6, 2016	II
			Project Cost:
			\$35,775

- General Project Description:**
To purchase a 3 Ton Asphalt Recycler & hot box Trailer
- 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. Will be able to pre load the day before which adds more time for workers on the road making repairs. Also by saving asphalt not used, instead of dumping unused material, we will save money by getting the use of a full load instead of partial load
- Is this a replacement item?** No
Currently we use DPW one ton's to do most patch work on roads in town. We get material from Brox in Rochester. After getting material we tarp it and, depending on weather, we have limited time to get material down. With this hot box we will be able to hold material if not used.
- List name of Firm and price of quotes received.**
-Quoted on 9/2/2016
-HP Fairfields Trailer assembly \$35,775



Proposed New Hot Box Asphalt Recycler Trailer



Currently Applying Temporary Cold Patch from rear of dump truck

Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund				\$35,775				\$35,775
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$35,775	\$0	\$0	\$0	\$35,775
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$35,775

Project Title:	Addition of sidewalk tractor		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	August 31, 2016	II
			Project Cost:
			\$170,575

1. General Project Description: New sidewalk tractor to purchase a Cameleon sidewalk tractor for DPW. 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.

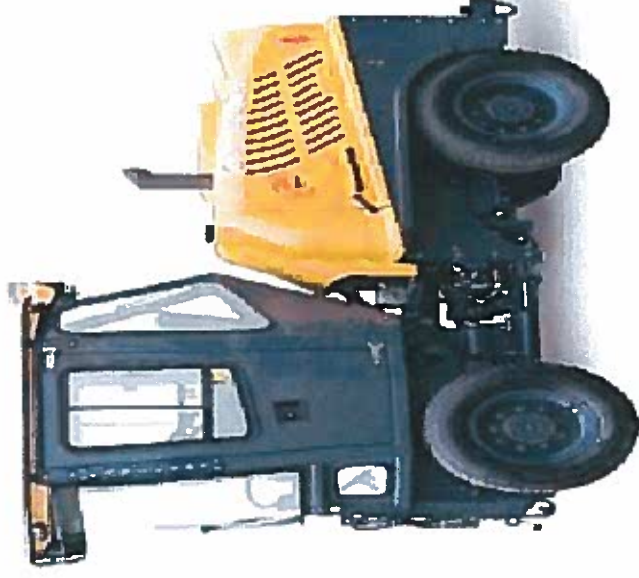
3. Is this a replacement item? No
this will be an addition to the fleet and allow DPW to service the added sidewalks on City streets. New sidewalks have been added on Indigo Hill Road and will be on Stackpole Road at the Sunningdale Residential Development which will require snow clearing.

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

-Donovan Equipment Tractor with plates \$170,575

-Please leave an allowance of 3% per annum price increase

-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:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund						\$170,575		\$170,575
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$0	\$0	\$0	\$0	\$170,575	\$0	\$170,575
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$170,575

Project Title:	Emergency Generator - Public Works				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	September 19, 2014	III	\$51,500	

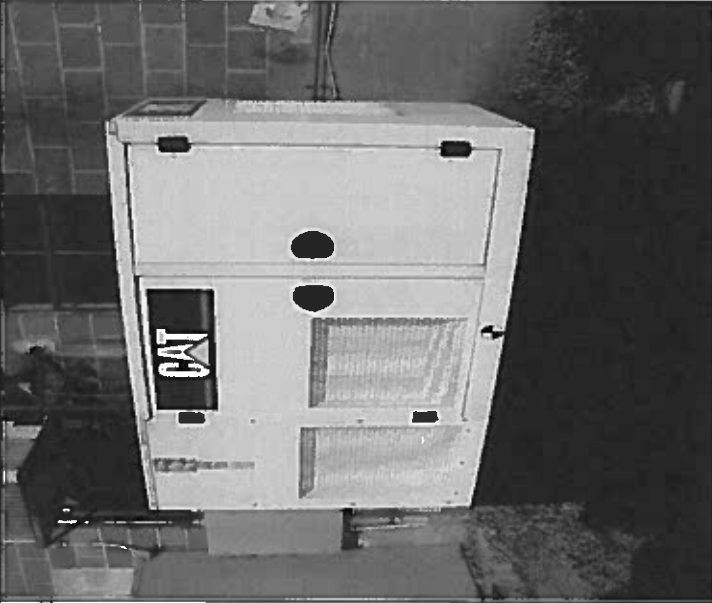
1. General Project Description:
Purchase and install an on-demand emergency generator, with automatic transfer switch at the Public Works Facility to ensure that facility is fully capable to support the public during power outages and emergencies.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
Public Works personnel are usually expected to be on duty and providing services to the community during a weather related emergency. (e.g. floods, wind storms, ice storm, snow storms, etc.) Recent experience has shown that these emergencies are frequently accompanied with extended power outages. Without power during emergencies, DPW personnel cannot function efficiently and vital equipment cannot be repaired when it is frequently needed most. Telephones, heat, and support equipment can not function either during a period of need.

3. Is this a replacement item? No.
If NOT, how was the need previously met? Small inadequately sized portable generators were diverted from the field to provide skeleton services at facility.

4. List name of Firm and price of quotes received.
Price Quote from Paquette and Howard - Plaistow NH 10/2013.

-Staff to continue to pursue State Emergency Management Funds for this purchase.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund				\$51,500			\$51,500
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$51,500	\$0	\$0	\$51,500
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$51,500

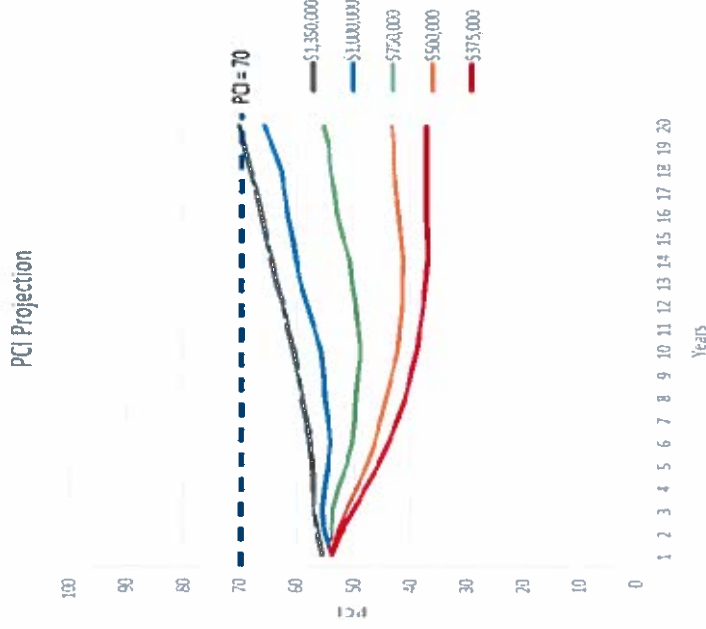
DATA ENTRY FORM #J12

Project Title:	Eddy Bridge (Rochester St./Salmon Falls Road) Improvements				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael J. Bobinsky	September 19, 2014	II	\$55,000	

1. General Project Description: Preservation project for Eddy Bridge #6048 that connects Somersworth and Berwick, Maine on Rochester St. and Salmon Falls Road. The bridge is jointly owned between the State of Maine and the City of Somersworth. The scope of the project would include improvements to the protective wearing surface, sealing the bridge joints, and spot painting the steel elements of the bridge. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Will help to preserve vital infrastructure connecting Maine and NH over the Salmon Falls river, and help maintain efficient traffic flows around the City of Somersworth. 3. Is this a replacement item? No If NOT, how was the need previously met? Bridge exists, this is for improvements and maintenance. 4. List name of Firm and price of quotes received. Estimates provided by James A. Foster, P.E. of the Maine DOT. Cost breakdown: Engineering FY16 - \$50,000 (Somersworth share is 20% of 1/2 the estimate) Construction FY17 - \$500,000 (Somersworth share is 20% of 1/2 the estimate) Staff is in the process of working with State of NH to determine if project is eligible for NH State Bridge Aid.																																																																																					
	<table border="1"> <thead> <tr> <th>Total Project Funds:</th> <th>FY 18</th> <th>FY 19</th> <th>FY 20</th> <th>FY 21</th> <th>FY 22</th> <th>FY 23</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Sources:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>General Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$55,000</td> </tr> <tr> <td>Bonds/Lease</td> <td>\$55,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Grant</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Enterprise Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Totals</td> <td>\$55,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$55,000</td> </tr> <tr> <td>Commence FY:</td> <td colspan="6">Prior Years' Funding</td> <td></td> </tr> <tr> <td></td> <td colspan="6">Total Project</td> <td>\$55,000</td> </tr> </tbody> </table>						Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total	Sources:							\$0	General Fund							\$55,000	Bonds/Lease	\$55,000						\$0	Grant							\$0	Enterprise Fund							\$0	Other							\$0	Totals	\$55,000	\$0	\$0	\$0	\$0	\$0	\$55,000	Commence FY:	Prior Years' Funding								Total Project					
Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total																																																																														
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Bonds/Lease	\$55,000						\$0																																																																														
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Other							\$0																																																																														
Totals	\$55,000	\$0	\$0	\$0	\$0	\$0	\$55,000																																																																														
Commence FY:	Prior Years' Funding																																																																																				
	Total Project						\$55,000																																																																														

Project Title:	Pavement Management Program		
Department:	Submitted By:	Date:	Priority:
Public Works	Mike Bobinsky	September 23, 2016	I
			Project Cost:
			\$375,000/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 53, indicating a backlog of paving work to be done (a target PCI = 70 is optimal). The program applies local costs to pavement preservation, resurfacing, and reconstruction. To rehabilitate all roads in one year would cost more than \$19.5MM. The pavement optimization software indicates there are currently 16 miles of paved roads in need of some form of preservation, 22 miles in need of resurfacing, and 12 miles needing complete reconstruction.
- 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Implementation of the annual pavement management program will preserve, resurface, or reconstruct deteriorated city-maintained paved roads to provide safe access throughout the City for residents and businesses.
- 3. Is this a replacement item?** This is a maintenance item that is in addition to other utility, sidewalk, and roadway improvement work in the City.
- 4. List name of Firm and price of quotes received.** Pricing was developed by the Contract City Engineer with Public Works input. FY17 funding level of \$375,000 will not improve the overall road network. A larger investment of \$1.35MM per year is required to have an immediate impact to improve the road network. With inflation, over time the \$1.35MM would either be increased or fewer miles of roadway would be rehabilitated each year.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund		\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
	Totals	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
Commence FY:	Quarter:							
						Prior Years' Funding	Total Project	\$2,250,000

DATA ENTRY FORM #J14

Project Title:		Track Skid Loader	
Department:	Submitted By:	Date:	Project Cost:
Public Works	Michael J. Bobinsky	10/6/2016	II \$71,780

1. General Project Description The purchase of a skid steer loader to accommodate a range of work tasks, including snow removal on sidewalks, crosswalks and intersections and assistance with downtown sidewalk clearing. Unit is designed as multi functional piece of equipment to include snow removal, excavations, hauling material and compaction work. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The Skid Steer will allow the Department to place greater priority on sidewalk clearing in the Downtown area where new landscape islands and bump outs have been installed. This unit will combine with the City's existing sidewalk tractors and enhance efficiency with timely removal of snow and ice. The unit will contribute toward overall operating and maintenance costs since the Department will not be reliant on only 2 sidewalk tractors to manage snow events. Additionally, the blower attachment will enable the unit to be assigned to the High Street corridor as needed during winter operations for improved pedestrian access following snow events. 3. Is this a replacement item? No 4. List name of firm and price of quotes received. Received Quote on 9/27/2016 from MB Tractor Equipment <table> <tr> <td>Terex PT60 Track Skid Loader</td> <td>\$60,000.00</td> </tr> <tr> <td>Erskine Hydraulic Snow blower</td> <td>5,800.00</td> </tr> <tr> <td>3-Way Hydraulic Snow Plow</td> <td>5,600.00</td> </tr> <tr> <td>Installation of 2-Way Radio</td> <td>380.00</td> </tr> <tr> <td>Total</td> <td>\$71,780.00</td> </tr> </table> Please leave an allowance of 3% per annum price increase on skid loader and accessories.	Terex PT60 Track Skid Loader	\$60,000.00	Erskine Hydraulic Snow blower	5,800.00	3-Way Hydraulic Snow Plow	5,600.00	Installation of 2-Way Radio	380.00	Total	\$71,780.00	  
Terex PT60 Track Skid Loader	\$60,000.00										
Erskine Hydraulic Snow blower	5,800.00										
3-Way Hydraulic Snow Plow	5,600.00										
Installation of 2-Way Radio	380.00										
Total	\$71,780.00										

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund	\$71,780						\$71,780
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$71,780	\$0	\$0	\$0	\$0	\$0	\$71,780
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$71,780

Project Title:	Expansion of DPW Building				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Michael Bobinsky	9/6/2016	II	\$225,000	

1. General Project Description: To Expand the DPW Building to accommodate current and new equipment purchased for the Highway Division of Public Works & Utilities. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The expansion will store all equipment for the Highway Division of Public Works inside from all weather conditions, resulting in longer vehicle life, less downtime as compared with outside storage. 3. Is this a replacement item? no 4. List name of Firm and price of quotes received. -Average construction price of \$40 per square 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 expansion of the building by 40' wider with new roof, over head door and walk in main doors. -Proposed design and engineering to be completed in FY2022, and construction in FY2023. -Used a typical cost per square feet for an expansion of approximately 5,000 sq ft. @ estimate cost of approximately \$40 results in a cost of \$200,000. design and engineering costs of approximately \$25,000.	 Proposed DPW&Utilities Apparatus Garage Expansion  Existing DPW&Utilities Apparatus Garage
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund					\$25,000	\$200,000	\$225,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$25,000	\$200,000	\$225,000
Commence FY:				Prior Years' Funding			
				Total Project			\$225,000

Project Title:	District Wide - HVAC, Ventilation Design, Plan & Specifications		
Department:	Submitted By:	Date:	Priority:
DW-90	Andy Lucier	Sep-16	I
			Project Cost:
			\$1,300,000

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 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:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund			\$300,000	\$300,000	\$300,000	\$100,000	\$100,000	\$1,300,000
Bonds/Lease		\$200,000	\$300,000					\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$200,000	\$300,000	\$300,000	\$300,000	\$100,000	\$100,000	\$1,300,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$1,300,000

DATA ENTRY FORM #K2

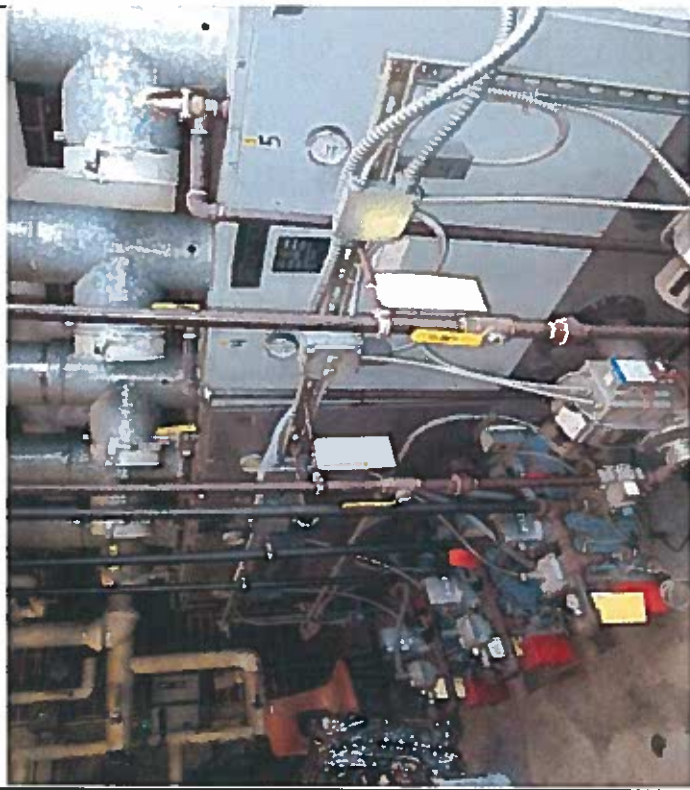
Project Title:	High School - Asbestos Flooring Replacement			
Department:	Submitted By:	Date:	Priority:	Project Cost:
HS-31	Sharon Lampros	Sep-16	I	\$267,500

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 Building Aid? No Percent Reimbursable? 0%	
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Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund		\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$267,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$267,500
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$267,500

DATA ENTRY FORM #K3

Project Title:	Middle School - Replace Boilers and Controls 1 through 5		
Department:	Submitted By:	Date:	Project Cost:
MS-21	Andy Lucier	Sep-16	\$500,000
		Priority:	
		I	

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: Best estimate at this time is \$516,000 Building Aid? No Percent Reimbursable? 0%	
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
	Totals	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$500,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$500,000

DATA ENTRY FORM #K4

Project Title:	Maple Wood - Bathroom Renovations		
Department:	MW-13	Submitted By:	Andy Lucier
		Date:	Sep-16
		Priority:	II
		Project Cost:	\$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 Building Aid? No Percent Reimbursable? 0%		
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease				\$370,000			\$370,000
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$370,000	\$0	\$0	\$370,000
Commence FY:	Quarter:			Prior Years' Funding			
				Total Project			\$370,000

DATA ENTRY FORM #K7

Project Title:		Middle School - Repairs to Exterior walls of 1962 Section Windows				
Department: MS-21	Submitted By: Dana Hilliard	Date: September 2016	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 <u>new windows</u> to match on same elevation. Quotes received: Harriman Estimate - Revised September 2011 Building Aid? No Percent Reimbursable? 0%			
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund	\$95,000						\$95,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$95,000	\$0	\$0	\$0	\$0	\$0	\$95,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$95,000

Project Title:	Middle School - Repairs to Exterior walls of 1962 Section & Doors			
Department: MS-21	Submitted By: Dana Hilliard	Date: September 2016	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 Building Aid? No Percent Reimbursable? 0%				
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund		\$38,000					\$38,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$38,000	\$0	\$0	\$0	\$0	\$38,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$38,000

DATA ENTRY FORM #K9

Project Title: Middle School - Re-Hab Bathrooms/Including ADA Imp	
Department: MS-21	Submitted By: Andy Lucier Date: September 2016 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	
Building Aid? No	Percent Reimbursable? 0%



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund					\$416,000		\$416,000
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$0	\$0	\$416,000	\$0	\$416,000
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$416,000

DATA ENTRY FORM #L1

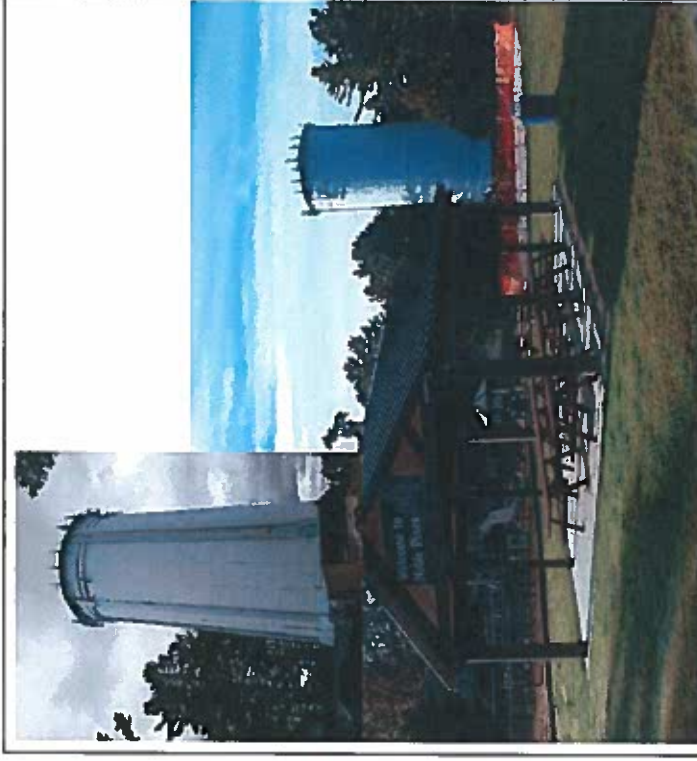
Project Title: Noble Pines Water Tank Rehabilitation				
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	September 7, 2016	II	\$2,600,000

1. General Project Description?
In 2013, city performed a comprehensive water distribution evaluation using Wright-Pierce. Wright-Pierce recommended that the existing 120-year old water tank be replaced with a tank that has all the storage elevated rather than the current standpipe design. It was also recommended that an evaluation of the Hilltop area be performed to identify whether there is a more suitable location in the Hilltop area for the new water storage tank. The proposed expenditure for FY-21 is to conduct the study and design the new tank. It is estimated that a new elevated storage tank will cost \$2.4 million and should be constructed around 2022. The construction will be budgeted in FY-2022.

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

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

4. List name of Firm and price of quotes received.
Cost estimate based on Wright-Pierce's report dated February 2013.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund					\$100,000	\$2,500,000		\$2,600,000
Other								\$0
	Totals	\$0	\$0	\$0	\$100,000	\$2,500,000	\$0	\$2,600,000
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$2,600,000

Project Title:	Truck-F150 Extended Cab 4x4			
Department:		Submitted By:	Date:	Priority:
Water		Michael Bobinsky	September 7, 2016	II
				Project Cost:
				\$26,500

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

Replaces old cruiser used for sampling, system maintenance, and repair. Will allow the operator's the ability to perform maintenance on current facilities throughout the city while continuing to provide practical transportation for every day use. The operating cost will remain the same but will provide the staff with a reliable mode of transportation for the job at hand.

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

Price based on quote received from Grappone Auto Group- \$26,500.00



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund			\$26,500					\$26,500
Other								\$0
Totals		\$0	\$26,500	\$0	\$0	\$0	\$0	\$26,500
Commence FY:		Quarter:				Prior Years' Funding		Total Project
								\$26,500

DATA ENTRY FORM #L4

Project Title:	Hach Biotector B3500C TOC Analyzer		
Department:	Submitted By:	Date:	Project Cost:
Water	Michael Bobinsky	September 7, 2016	\$51,353
		Priority:	
		II	

1. General Project Description: Replace current TOC Analyzer which will be nearing the end of it's useful life. Newer TOC Analyzers are smaller and require less maintenance than the older models. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This unit is used to monitor water quality parameters mandated by NHDES 3. Is this a replacement item? Yes 4. List name of Firm and price of quotes received. Hach. 5. Purchase increase over 2 year period. \$51,353.00	
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund	\$51,353						\$51,353
Other							\$0
Totals	\$51,353		\$0	\$0	\$0	\$0	\$51,353
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$51,353

DATA ENTRY FORM #L5

Project Title:	Replacement Truck for Water Distribution - Truck 903			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	9/7/2016	II	\$49,434

- General Project Description:**
Purchase a replacement utility vehicle for water distribution. This vehicle is primarily used for water emergencies and construction projects. It is also utilized for some service calls, collecting water meter data monthly, and other distribution maintenance activities.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?**
This will replace Vehicle 903, which is a 2010 Chevy 4500 Utility Van. While the Chevy van is serving the division well for all services and is the primary emergency response vehicle it will eventually need to be replaced in order to provide reliable services to the community into the future. Current mileage on the van is 49,852.
- Is this a replacement item?** Yes. It will replace 2010 Chevy 4500 Van that is currently used by the Distribution Division.
- List name of Firm and price of quotes received.**
Grappone Ford \$46,040., Bill Dube Ford \$43,840. Average quote is \$44,940. An inflationary value of 3% per year has been added to the vehicle cost. Picture at right represents what we seek to purchase, but all vehicles will be assessed for energy efficiency.



Total Project Funds:	FY18	FY19	FY20	FY21	FY22	FY23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$49,434		\$49,434
Other							\$0
	Totals	\$0	\$0	\$0	\$49,434	\$0	\$49,434
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$49,434

Project Title:	Water Main-West High-High Street to James Ct.			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	9/6/2016	II	\$706,800

1. General Project Description: Replacement of undersized and over 80-year old pipe (approximately 4,500 ft.) under West High Street. This was identified as having a high probability of failure and a distribution system improvement priority in the Wright-Pierce distribution system evaluation completed in Feb. 2013. 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 replaced in the CIP, Intermediate-Term Improvements 2020-2027. Additionally this improvement would increase fire flows in the area. We also see this project as a "complete streets, and will incorporate added costs for roads and sidewalk improvements on this corridor as well. 3. Is this a replacement item? Yes 4. List name of Firm and price of quotes received. Engineering estimates for year 2022 are from the Wright-Pierce study completed in 2013 for a similar project schedule for 2019 plus 3% each year for inflation X 3 years = 2022 estimated cost of \$130,800. Pipe install and trench patch estimated uses average 2016 price provided by Severino Trucking at \$110 per foot plus 3 % for inflation X 6 years= 2023 estimated cost of \$128.00 per foot.				
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Total Project Funds:	FY18	FY19	FY20	FY21	FY22	FY23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$130,800	\$576,000	\$706,800
Other							\$0
Totals		\$0	\$0	\$0	\$130,800	\$576,000	\$706,800
Commence FY:						Prior Years' Funding	
						Total Project	\$706,800

DATA ENTRY FORM #M1

Project Title:	Blackwater Road Pump Station Improvements		
Department:	Submitted By:	Date:	Priority:
Sewer	Michael Bobinsky	September 7, 2016	I
			Project Cost:
			\$916,000

1. General Project Description: This will fund a 20-year upgrade to the Blackwater Rd Pump Station which is 27-years old. Currently the City has contracted with Underwood Engineers to evaluate and design a new pump station as budgeted in FY 2016. Construction is expected to occur within the FY 17/18 budget. Pumps and Motors: \$150K Piping and Supports: \$20K Electrical and SCADA: \$55K Prep Work/Incl demo: \$75K Design Engineering: \$50K Construction Eng'r: \$50K Contingency: \$84K Wetwell Clean/Wash: \$20K Roof, Doors, HVAC: \$42K Generator: \$60K Interface with SCADA: \$15K	
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Evaluation showed that one of the two pumps is operating at about 50 percent design efficiency resulting in consumption of more power and operating time. This mid life rehabilitation will ensure that this vital component of the collection system will function for years to come.	
3. Is this a replacement item? Yes.	
4. List name of Firm and price of quotes received. Cost estimates are based on a full evaluation conducted by Underwood Engineers and submitted in June 2016.	

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund		\$916,000					\$916,000
Other							\$0
	Totals	\$916,000	\$0	\$0	\$0	\$0	\$916,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$916,000

DATA ENTRY FORM #M2

Project Title:	Solids Dewatering Centrifuge		
Department:	Submitted By:	Date:	Project Cost:
Sewer	Michael Bobinsky	September 7, 2016	\$1,786,667

1. General Project Description:
This piece of equipment is responsible for removing the excess solids required within the biological treatment process. The existing unit is a high speed centrifuge and is currently 13-yrs old. It was taken out of service 6-yrs ago and under went a complete inspection by staff and vendor service technicians. Corrective maintenance was performed in 2014 due to bearing failure.

Centrifuge replacement and construction \$1.5M
 Technical Services - Engineering Design Phase \$135K
 Technical Services - Bidding & Construction Phase \$96K
 Construction Contingencies & Allowances \$75K

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

Replacing the current centrifuge will allow us the ability to remove a greater amount of sludge and add multi-point discharging which minimizes potential operational hazards.

3. Is this a replacement item?
Yes.

4. List name of Firm and price of quotes received.
Cost estimates are based on the Wright Pierce upgrade proposal dated October, 2016.

Note: This is replacing the previously proposed screw press.

This item will undergo further review through the Wright Pierce Facility Plan study.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease	\$1,786,667						\$1,786,667
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$1,786,667		\$0	\$0	\$0	\$0	\$1,786,667
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$1,786,667

Project Title:	Programmable Logic Controller Upgrade		
Department:	Submitted By:	Date:	Priority:
Sewer	Michael Bobinsky	September 7, 2016	II
			Project Cost:
			\$85,900

1. General Project Description:

The wwtf currently relies on eight independent Programmable Logic Controllers (PLC) units which communicate with the Supervisory Control and Data Acquisition (SCADA) system. Each unit collects and conveys information pertaining to a specific operation of the wastewater treatment process. The life expectancy of these hardware units is approximately 12-15 years and the current units are 12-years old.

Master PLC - \$17,950
 Centrifuge PLC - \$19,400
 Chemical PLC - \$9,300
 Headworks PLC - \$7,100
 Aeration Blower PLC - \$12,350
 Effluent PLC - \$6,400
 Disc Filter 1 PLC - \$6,700
 Disc Filter 2 PLC - \$6,700

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

This is a required replacement and is necessary due to normal wear and tear and falls in line with standard asset management practices.

3. Is this a replacement item?

Yes. Replaces the current Allen Bradley CompactLogix units with MicroLogix units.

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

Laviolette Controls provided a quote in October, 2015 in the amount of \$85,900 which includes removal and installation costs.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$85,900		\$85,900
Other							\$0
			\$0	\$0	\$85,900	\$0	\$85,900
Commence FY:						Prior Years' Funding	
						Total Project	\$85,900

DATA ENTRY FORM #M5

Project Title:	Aeration Tank Improvements		
Department:	Submitted By:	Date:	Priority: Project Cost:
Sewer	Michael Bobinsky	September 7, 2016	I \$799,667



1. General Project Description:
 This process unit is responsible for the biological removal of pollutants within the incoming wastewater commonly referred to as influent. We currently operate with one of two available trains. Due to recent development and commercial growth we are receiving a stronger influent making it necessary to put in service the second train.

Replacement and construction
 Technical Services - Engineering Design Phase \$473K
 Technical Services - Bidding & Construction Phase \$73K
 Construction contingencies & allowances \$96K
 Blower building improvements \$75K
 Blower building improvements \$40K

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
 By making these improvements we will be able to continue to meet the requirements of our present EPA discharge permit.

3. Is this a replacement item?
 No.

4. List name of firm and price of quotes received.
 Cost estimates are based on the Wright Pierce upgrade proposal dated October, 2016.

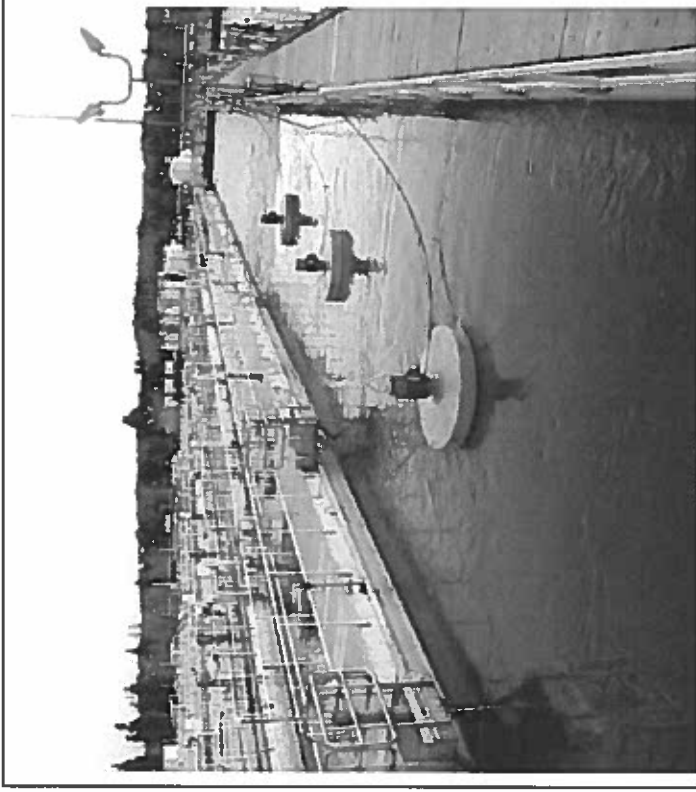
This item will undergo further review through the Wright Pierce Facility Plan study.

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease	\$114,600						\$114,600
Grant							\$0
Enterprise Fund	\$685,067						\$685,067
Other							\$0
Totals	\$799,667	\$0	\$0	\$0	\$0	\$0	\$799,667
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$799,667

Project Title:	Direct Drive Submersible Mixers		
Department:	Submitted By:	Date:	Priority:
Sewer	Michael Bobinsky	September 7, 2016	III
			Project Cost:
			\$510,000

- 1. General Project Description:**
These mixers are used to keep the wastewater and biological organisms in suspension resulting in the proper breakdown of incoming pollutants. These units have been in service for approximately 12-years and are in need of replacement.
- 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?**
The advantage of replacing the existing submersible mixers with direct drive submersible mixers is only the wet end of the unit is exposed to the water. The motor sits on top of the lower unit therefore eliminating the need for multiple seals which prevent the penetration of water into the motor windings. This improvement will dramatically reduce maintenance cost as well as downtime and improve on the current mixing pattern.
- 3. Is this a replacement item?**
Yes.
- 4. List name of Firm and price of quotes received.**
Cost estimates are based on the Wright Pierce wastewater capacity evaluation recommendations dated February, 2016.

This item will undergo further review through the Wright Pierce Facility Plan study.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund						\$510,000	\$0
Other							\$0
	Totals:	\$0	\$0	\$0	\$0	\$510,000	\$510,000
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$510,000

Project Title:	Camel 9 Yard Vacuum / Sewer Truck		
Department:	Submitted By:	Date:	Priority:
Public Works	Michael Bobinsky	9/6/2016	II
			Project Cost:
			\$352,500



Proposed New 6-Wheeled Vac Truck

- General Project Description**
To purchase a Camel 9 Yard Vacuum/Sewer Truck for public works
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?**
With the purchase of new of new Vacuum truck for Public Works, the Department will be able to jet-clean all of City sewer lines and clean City catch basins. With this added feature the Department will be able to improve on regular maintenance and cleaning program for City catch basins and sewer lines to help meet MS4 permit requirements as well avoid blockages in the City's sanitary sewer system .
- Is this a replacement item? Yes**
Intent is to trade in the Department's sewer jet. The demand for the new vacuum truck grows every year at Public Works. This truck will be used on a weekly basis to maintain storm drains/catch basins and sewer lines.
- List name of Firm and price of quotes received.**
-HP Fairfield \$352,500
-Please leave an allowance of 3% per annum price increase

Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease							\$0
Grant							\$0
Enterprise Fund					\$352,500		\$352,500
Other							\$0
	Totals	\$0	\$0	\$0	\$352,500	\$0	\$352,500
Commence FY:	Quarter:				Prior Years' Funding		
					Total Project		\$352,500

DATA ENTRY FORM #N1

Project Title:		Downtown Infrastructure Improvements - Phase 2						
Department:	Submitted By:	Date:	Priority:	Project Cost:				
PMP	Michael Bobinsky	September 7, 2016	I	\$8,760,000				
1. General Project Description: Government Way, John Parsons, Washington Street to complete the Urban Compact improvements. Then proceed to Main Street from Washington St to the limits of the Urban Compact (south of Centre Road). Main has deteriorated drainage pipe and basins, aging and failing water mains, sections of sanitary sewer to be replaced, sidewalks in disrepair, and pavement resurfacing to be done. This item will fund replacement of underground utilities, make improvements to sidewalks, curbing, and pedestrian crossings, and repave the roadway. This work will be phased with complete design the first year, a section of Main Street from John Parsons to Indigo Hill Road constructed the next year, and the section from Indigo Hill Road to the urban compact constructed the following year. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This project will replace deteriorated city utilities (water, sewer, drainage), reconstruct the sidewalks, curbing, and pedestrian crossings, and repave Main Street. Replacing aging and failing water and sewer mains will improve the reliability of these vital services to City residents and businesses. 3. Is this a replacement item? Yes. 4. List name of Firm and price of quotes received. FY 17 funding will supply a conceptual study/plan of the improvements and offer suggestions for timing, funding , etc. Conceptual level opinion of cost developed by the contract City Engineer.								
Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund		\$50,000	\$1,271,000	\$0	\$350,000	\$3,200,000	\$0	\$4,871,000
Bonds/Lease								\$0
Grant								\$0
Water Fund		\$5,000	\$94,000	\$0	\$192,500	\$2,156,000	\$0	\$2,447,500
Sewer Fund		\$5,000	\$735,000	\$0	\$57,500	\$644,000	\$0	\$1,441,500
Totals		\$60,000	\$2,100,000	\$0	\$600,000	\$6,000,000	\$0	\$8,760,000
Commence FY:		Quarter:			Prior Years' Funding		Total Project	
							\$8,760,000	



DATA ENTRY FORM #N2

Project Title:			
Indigo Hill Road -Main Street to Rita Road			
Department:	Submitted By:	Date:	Priority:
PMP	Michael Bobinsky	October 3, 2016	I
			Project Cost:
			\$2,269,555



1. General Project Description:
The section of Indigo Road from High Street to Rita Road has deteriorated drainage pipe and basins, aging and failing water mains, sections of sanitary sewer, some sections of storm drains, and pavement resurfacing to be done. This item will fund replacement of underground utilities and repave the roadway. The work will be phased with survey and design completed the first year, then Indigo Hill Road will be reconstructed from Main Street to Rita Road the next year. Indigo Hill Rd from Main St to Davis Street was completed in 2016-2017.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
This project will replace deteriorated city utilities (water, sewer, drainage), reconstruct the sidewalks and pedestrian crossings, and repave Indigo Hill Road. Replacing aging and failing water, sewer, and drainage utilities will improve the reliability of these vital services to City residents.

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 the contract City Engineer, September 2016

Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund		\$0	\$0	\$0	\$0	\$1,188,920		\$1,188,920
Bonds/Lease								\$0
Grant								\$0
Water Fund		\$0	\$0	\$0	\$0	\$646,890		\$646,890
Sewer Fund		\$0	\$0	\$0	\$0	\$433,745		\$433,745
	Totals	\$0	\$0	\$0	\$0	\$2,269,555		\$2,269,555
Commence FY:	Quarter:					Prior Years' Funding		
						Total Project		\$2,269,555

DATA ENTRY FORM #N3

Project Title: Blackwater Road Reconstruction		Priority: II		Project Cost: \$1,700,000				
Department: PMP	Submitted By: Michael Bobinsky	Date: September 7, 2016						
1. General Project Description: The section of Blackwater Road from High Street to Route 108 has deteriorated drainage culverts, cracked pavement, and low sections of roadway that are prone to isolated flooding. This item will fund replacement of culverts and drainage structures, adjust the roadway profile in select areas, and repave the roadway. This work will be phased with survey and design completed the first year, followed by construction the following year from High Street to Route 108. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This project will replace undersized drainage culverts, aging drainage structures and pipes, adjust the profile of the road in sections to mitigate future isolated flooding, and repave the roadway. The project will improve the reliability of the storm drainage utilities and improve passage during wet weather for City residents. 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 opinions of cost developed by the contract City Engineer.								
								
Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								\$0
General Fund				\$300,000	\$1,400,000			\$1,700,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
Totals		\$0	\$0	\$300,000	\$1,400,000	\$0	\$0	\$1,700,000
Commence FY:	Quarter:			Prior Years' Funding				
								Total Project \$1,700,000

DATA ENTRY FORM #N4

Project Title:	Cemetery Road Reconstruction		
Department:	Submitted By:	Date:	Priority: Project Cost:
PMP	Michael Bobinsky	September 7, 2016	II \$778,000

- General Project Description:**
The section of Cemetery Road from Maple Street to West High Street has deteriorated drainage pipe and basins, a section of undersized/aging water main, and pavement resurfacing to be done. This item will fund replacement of limited drainage and water utilities and repave the roadway.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?**
This project will replace aging/deteriorated sections of city utilities (water, drainage) and repave Cemetery Road. Replacing aging and failing City utilities will improve the reliability of these vital services to City residents.
- Is this a replacement item? Yes.**
If NOT, how was the need previously met?
- List name of Firm and price of quotes received.**
Conceptual level opinion of construction cost developed by the contract City Engineer.



Total Project Funds:		FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:								
General Fund				\$40,000	\$335,000			\$375,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$90,000	\$313,000			\$403,000
Other								\$0
	Totals	\$0	\$0	\$130,000	\$648,000	\$0	\$0	\$778,000
Commence FY:	Quarter:					Prior Years' Funding	Total Project	\$778,000

DATA ENTRY FORM #N5

Project Title:		Constitutional Way Reconstruction				
Department:	Submitted By:	Date:	Priority:	Project Cost:		
PMP	Michael Bobinsky	September 7, 2016	II	\$555,000		

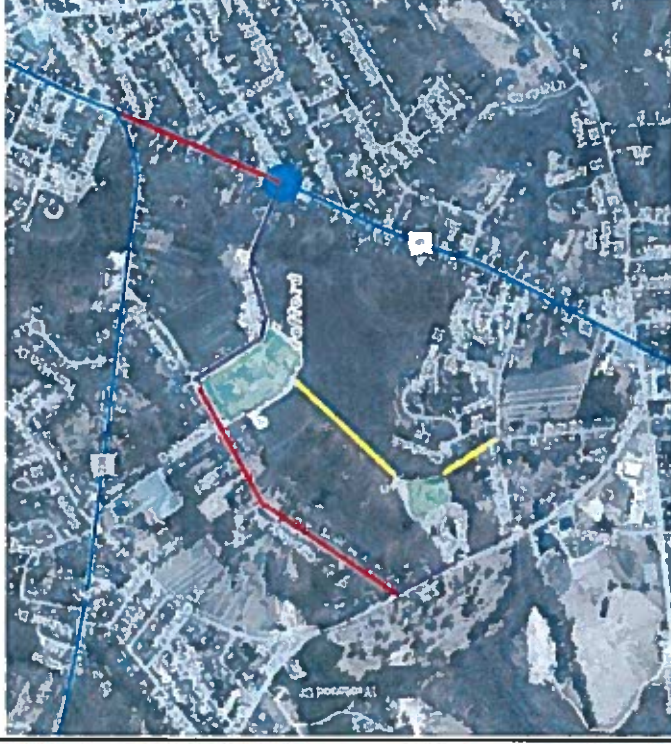
1. General Project Description: This project provides for replacement of City utilities under the roadway (water, sewer, drainage), widening and reconstruction of sidewalks to improve pedestrian access to the downtown core, replacement of deteriorated concrete curbing, and complete repaving/stripping of the roadway. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The sidewalk on the west side of the road will be widened by approximately 18-inches to improve handicap pedestrian movement as well as to eliminate vehicle conflicts with existing utility poles which currently extend into the paved roadway. Replacing the aging water main will improve water system hydraulic capacity and replacement of sewer and drainage systems will improve the level of service of these old utilities. 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 contract City Engineer.			
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Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease	\$445,000						\$445,000
Enterprise Fund -Water	\$70,000						\$70,000
Enterprise Fund -Sewer	\$40,000						\$40,000
Sidewalk Reserve	\$0						\$0
Totals	\$555,000	\$0	\$0	\$0	\$0	\$0	\$555,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$555,000

DATA ENTRY FORM #N6

Project Title:	TAP Grant		
Department:	Submitted By:	Date:	Priority:
Development Services	Shanna B. Saunders	September 7, 2016	II
			Project Cost:
			\$936,500

- General Project Description?** The Transportation Alternatives Grant is a DOT grant requiring an 80/20 match. We applied in September for a grant totaling \$936,500 for sidewalks on High and Cemetery, a formal, lighted trail town High School and Maplewood Elem and intersection improvements at High/Memorial /Franklin. The 20% match amount = \$187,300
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This grant is to support alternative modes of transportation - trails and sidewalks. The grant will improve the safety of the High/Memorial Intersection as well as provide seamless sidewalks from downtown to the schools and high density populated low and moderate income neighborhoods.
- Is this a replacement item? Yes and No**
If NOT, How was the need previously met? Met by existing infrastructure or did not exist.
- List name of Firm and price of quotes received. Cost by City Contract engineer**
- Dubois and King.



Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							
General Fund							\$0
Bonds/Lease	\$187,300						\$187,300
Grant	\$749,200						\$749,200
Enterprise Fund							\$0
Other							\$0
	Totals	\$936,500	\$0	\$0	\$0	\$0	\$936,500
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$936,500

Project Title:	High Street - Blackwater Road to Franklin Street						
Department:	Submitted By:	Date:	Priority:	Project Cost:			
Public Works	Michael Bobinsky	October, 2016	II	\$2,822,000			
1. General Project Description? Project involves the replacement of sewer and water lines, sidewalks, and surface pavement on High Street from Blackwater Road to Franklin Street. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Improvements will result 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, new water and sewer lines, new sidewalk and new surface pavement If NOT, How was the need previously met? 4. List name of Firm and price of quotes received. Price estimate was prepared by Scott Bourcier, PE, D&K -Road, Drainage, Sidewalk, % of engineering: \$1,562,824 -Water System Improvements: \$ 735,574 -Sewer Line Replacement: \$ 523,602							
Total Project Funds:	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease	\$1,562,824						\$1,562,824
Grant							\$0
Enterprise Fund	\$1,259,176						\$1,259,176
Other							\$0
	Totals	\$2,822,000	\$0	\$0	\$0	\$0	\$2,822,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$2,822,000