

# City of Somersworth New Hampshire



*Riverwalk*

## CAPITAL IMPROVEMENT PROGRAM FISCAL YEAR 2019-2024

SUBMITTED TO PLANNING BOARD  
NOVEMBER 8, 2017

SUBMITTED TO CITY COUNCIL  
DECEMBER 4, 2017



## CITY OF SOMERSWORTH, N.H.

### CITY COUNCIL

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Martin Pepin, Ward 1  
Jennifer G. Soldati, Ward 2  
Martin P. Dumont, Sr., Ward 3  
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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

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

Robert M. Belmore, City Manager  
David Witham, City Council Rep.  
Aaron Fournier  
Jeremey Rhodes  
Chris Horton  
Paul Maskwa, 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

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Ward 2:	Dana Rivers	At Large:	Joanne Pepin
Ward 3:	Karen Hiller	At Large:	Kelly Brennan
Ward 4:	Kyla Yoder	At Large:	Matthew Hanlon
Ward 5:	Ken Bolduc		

Connie Brown, PhD, Interim Superintendent SAU56  
Marie D'Agostino, Business Administrator  
November 2017

# SOMERSWORTH, NEW HAMPSHIRE

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City of Somersworth  
One Government Way  
Somersworth, NH 03878



City Hall  
603.692.4262  
[www.somersworth.com](http://www.somersworth.com)

December 4, 2017

## Memorandum of Transmittal

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

**Re: Capital Improvement Program 2019-2024**

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 15<sup>th</sup> of each year, I hereby submit to you the proposed Capital Improvement Program (CIP) for Fiscal Years 2019-2024. I also want to point out that the Planning Board fulfilled their responsibility to review the Capital Improvement Program for Fiscal Years 2019-2024 at a workshop on November 8, 2017. Their transmittal letter is provided herein.

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

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

Proud past, bright future

### **Strategies & Project Updates**

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

The FY19-24 CIP includes a number of requests to fund certain “Complete Streets” projects. A few of these projects to highlight are the Cemetery Road Reconstruction, Constitutional Way Reconstruction and Main Street from John Parsons Drive to Indigo Hill Road. The City is in the final stages of awarding a contract to a Consultant Engineer to design these projects and have them shovel ready when the opportunity to fund them is available.

*Project Updates - Major Utility System Upgrades Planned:* Coinciding with the release of this CIP plan, the City Council will be holding a workshop to review the recommendation for improvements to the Wastewater Treatment Facility. These improvements may include such items as the Headworks Influent Screens, a Solids Dewatering Centrifuge, upgrades to the Aeration-Tanks, and an additional Secondary Clarifier for redundancy purposes. The improvements will be designed to meet current and future demands of the City.

Also in this plan, there is a need to develop an Intermunicipal Agreement with the City of Dover to establish a Somersworth/Dover water system interconnection in order to provide redundancy and resilience in our public water system for emergency purposes. The plan presently estimates the City’s share of that cost at \$650,000, but the good news is that it appears favorable that the entire project will be provided funding through a NH Department of Environmental Services program.

*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 FY18 CIP Vehicle Replacements continues a shift in purchasing vehicles that provide a continuity with brands. I am pleased to report that we have implemented this suggestion 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, the 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 or five year period. At the end of the lease term the vehicle is then owned outright by the City.

Included in this replacement plan were the following vehicles:

- One SUV style police cruiser
- A pick-up truck for the Code Inspection Office
- A skid-steer vehicle 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 approximately \$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 five annual payments of \$81,606, 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, which is being outfitted with snow plow equipment, and is scheduled to be ready and available for this winter.

### **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 2018.

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

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

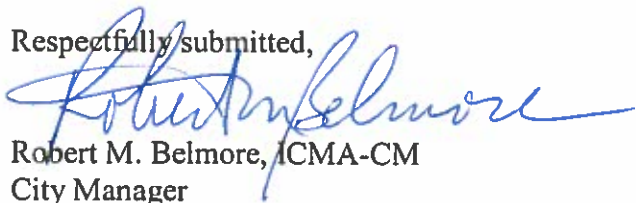
- *affordability and stabilization of spending* with the need of providing effective, efficient and professional services to the community;
- *developing a realistic and affordable financial plan* with reasonable increases acceptable to the community; in concert with the financial plan, consideration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

### Closing Comments

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

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

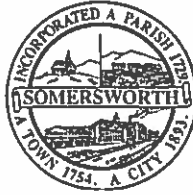
Respectfully submitted,



Robert M. Belmore, ICMA-CM  
City Manager

# SOMERSWORTH, NEW HAMPSHIRE

Somersworth Planning Board  
One Government Way  
Somersworth, NH 03878



City Hall  
603.692.4262  
www.somersworth.com

November 21, 2017

Re: Capital Improvement Program 2019-2024

Honorable Mayor and Members of the City Council:

On November 8, 2017, the Somersworth Planning Board held a workshop meeting to hear a presentation by City Manager Bob Belmore on the 2019-2024 Capital Improvement Program (CIP). Assisting in this presentation was Director of Finance Scott Smith, Interim Superintendent of Schools Connie Brown and School Board Member Dana Rivers.

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

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

- Consider grouping the DPW vector truck request with bonding of the WWTP.
- Consider bundling the school maintenance projects such as the Maplewood bathroom reno and Maplewood Main Office Reno together and the Middle School doors, windows and bathroom renovation projects together and bonding them.
- Please find out what State funding may be available for schools
- Consider re-prioritizing the Riverwalk Feasibility project so that it may be completed at the same time as the Plaza Commission's recommendations.

Respectively Submitted,

*Ronald LeHoullier 11.21.17*

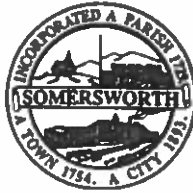
Ronald LeHoullier  
Planning Board Chairman



# SOMERSWORTH, NEW HAMPSHIRE

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November 6, 2017

Memorandum of Transmittal

Dear Planning Board Members:

## **Preliminary Comments**

I am pleased to submit for your review and comment the Fiscal Year 2019–2024 Capital Improvement Plan (CIP) for the City of Somersworth. The purpose of this Plan is to assist the City Council and Community in knowing several years in advance, just what capital expenditures will have to be planned to meet City needs in order to maximize the most efficient use of taxpayer resources and to stabilize the tax rate to the greatest extent possible. Additionally, the CIP serves as a management planning tool that will benefit the Council as it reviews and adopts the City's Annual Budget and works towards balancing competing improvement goals while maintaining a practical fiscal balance.

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

## **Strategies**

In developing the Capital Improvements Program, staff is instructed to evaluate projects as a whole and not parts independent of the rest of a project. In other words, when we evaluate road improvement projects, it is imperative we evaluate and include water utilities, sewer utilities, drainage, sidewalks, bike lanes, and any other improvements that may be necessary. In an effort to assist users of this document with evaluating these type of comprehensive projects, we have included a new section to the document titled "Pavement Management Plan" – "Complete Streets Projects". Although these projects would require funding from two or more funds, they should be evaluated as stand-alone projects. They are similar in nature to the recently completed downtown improvements projects that provided upgrades to the water and sewer utilities, as well as pavement, sidewalks, and beautification.

Proud past, bright future



In the last several years, the City Council held a workshop on the results of the road pavement analysis, and the resulting recommendations. The challenge is developing a time frame whereby the City can meet the objective of reaching an overall pavement condition index of “70” in an acceptable timeframe, and appropriate the funding required to do so. Fiscal Year 2017-2018, the City funded road resurfacing at an amount of \$1,258,000 which is in line to see the City make gains in road repairs rather than simply “tread water”. This year’s CIP request an appropriation of \$1,300,000 each year to continue the improvements made. The PMP will continue to be evaluated and we will look for creative funding opportunities to further road improvements throughout the City without negatively impacting other services.

The sewer fund is requesting several items to further its sewer treatment plant upgrade. Engineering was funded during the Fiscal Year 2016-2017 budget at an amount of \$343,800. The purpose of the engineering is to design improvements that will meet the future demands of the City. This project is noted in this year’s CIP with specific improvements such as Headwork’s Influent Screens, a Solids Dewatering Centrifuge, upgrades to the Aeration Tanks, and an additional Secondary Clarifier for redundancy.

Finally, this year the City is exploring an inter-municipal agreement with the City of Dover to create a Dover/Somersworth water system interconnection in order to provide redundancy and resilience in our public water system. This is an important project that would be beneficial to both communities, and early estimates of Somersworth’s share of this cost is \$650,000. This project has been placed in FY19 in the CIP.

### **Guidelines**

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

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

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

The City Charter requires the City Manager to submit a Capital Improvement Plan to the City Council no later than December 15<sup>th</sup> 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,

A handwritten signature in black ink, appearing to read "Robert M. Belmore", written in a cursive style.

Robert M. Belmore, ICMA-CM  
City Manager

CAPITAL IMPROVEMENT PROGRAM  
Capital Improvement Projects by Division

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Master Plan Update

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City Hall High Efficiency Condensing Boiler

*C Recreation Division*

Millennium Park Pavilion  
Jules Bisson Park Playground Equipment – LWCF Match

CITY MANAGER/FINANCE DEPARTMENT

*E City Manager – Finance & Administration*

Replacement Equipment - Server/Network  
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*G Fire Department*

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### *M      Sewer Fund*

- Solids Dewatering Centrifuge
- Headwork's Influent Screens
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- Secondary Clarifier
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*Complete Streets Project*

Cemetery Road Reconstruction

Constitutional Way Reconstruction

High Street-Blackwater Road to Franklin Street

Main Street Construction-John Parsons Drive to Indigo Hill Rd.

Washington Street –Main Street to High Street

# **City of Somersworth, NH**

## **Capital Improvements Program**

### **FY 2019-2024**

#### ***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) 2019, 2020, 2021, 2022, 2023 and 2024. FY 2019 begins on July 1, 2018 and ends on June 30, 2019. 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	FY19	FY20	FY21	FY22	FY23	FY24	Totals FY19-FY24
	<b>ECONOMIC DEVELOPMENT AND PLANNING DEPT.</b>										
A	Feasibility Study - Riverwalk expansion	G/F Op	II	III	\$0	\$0	\$20,000	\$0	\$0	\$0	\$20,000
A	Master Plan update	G/F Op	II	III	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
	<b>DIV. OF ECONOMIC DEV, PLANNING, CODE ENFORCE TOTALS</b>				\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000
	<b>CITY HALL</b>										
B	City Hall High Efficiency Condensing Boiler	G/F Op	III	II	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
	<b>CITY OWNED PROPERTY/BUILDING DIVISION TOTAL</b>				\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
	<b>PARKS AND REC</b>										
C	Millennium Park Pavilion	G/F Op	II	III	\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000
C	Jules Bisson Park Playground Equip. - LWCF Match	G/F Op -Grant	I	II	\$90,000	\$0	\$0	\$0	\$0	\$0	\$90,000
	<b>DIV. OF RECREATION TOTALS</b>				\$90,000	\$16,000	\$0	\$0	\$0	\$0	\$106,000
	<b>DEVELOPMENT SERVICES DEPT. TOTALS</b>				\$90,000	\$56,000	\$50,000	\$0	\$0	\$0	\$196,000
	<b>CITY MANAGER/FINANCE DEPARTMENT</b>										
	City Manager - Finance & Administration										
E	Replacement Equipment - Server/Network	G/F Op	III	III	\$0	\$0	\$0	\$22,500	\$0	\$0	\$22,500
E	Library - Roof Replacement	G/F Op	II	II	\$45,495	\$0	\$0	\$0	\$0	\$0	\$45,495
	<b>CITY MANAGER/FINANCE DEPARTMENT TOTALS</b>				\$45,495	\$0	\$0	\$22,500	\$0	\$0	\$67,995
	<b>PUBLIC SAFETY-FIRE DEPARTMENT</b>										
G	New Fire Station	G/F Op - Bond	II	II	\$0	\$0	\$0	\$172,250	\$3,445,000	\$0	\$3,617,250
G	Thermal Imaging Camera	G/F Op	II	III	\$0	\$0	\$0	\$0	\$13,650	\$0	\$13,650
G	Forestry Vehicle Replacement	Lease	I	II	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
G	Replace 1995 Pumper	Lease	II	II	\$0	\$0	\$600,000	\$0	\$0	\$0	\$600,000
G	Replace Portable Radios	G/F Op	I	I	\$51,837	\$0	\$0	\$0	\$0	\$0	\$51,837
G	Vehicle Mobile Radios	G/F Op	II	II	\$0	\$34,869	\$0	\$0	\$0	\$0	\$34,869
G	4WD Pickup Truck	G/F Op	II	II	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
	<b>Public Safety - Fire Dept. Total</b>				\$51,837	\$164,869	\$600,000	\$172,250	\$3,458,650	\$0	\$4,447,606
	<b>PUBLIC SAFETY-POLICE DEPARTMENT</b>										
H	Police Cruiser - Ford Explorer Package	G/F Op	I	I	\$35,970	\$74,099	\$38,129	\$78,545	\$40,416	\$83,258	\$350,417
H	AFIS Fingerprinting System	G/F Op	II	II	\$0	\$24,380	\$0	\$0	\$0	\$0	\$24,380
H	Replacement Audio/Video System	G/F Op	I	I	\$28,540	\$0	\$0	\$0	\$0	\$0	\$28,540
H	Evidence Collection Vehicle	G/F Op	II	II	\$0	\$0	\$80,586	\$0	\$0	\$0	\$80,586
	<b>Public Safety - Police Dept. Total</b>				\$64,510	\$98,479	\$118,715	\$78,545	\$40,416	\$83,258	\$483,923
	<b>PUBLIC WORKS DEPARTMENT</b>										
J1	Replacement of One-Ton Dump Truck No. 202	Lease	II	II	\$0	\$80,713	\$0	\$0	\$0	\$0	\$80,713
J2	Replacement of One-Ton Truck No. 103	Lease	III	II	\$0	\$0	\$50,760	\$0	\$0	\$0	\$50,760
J3	Replacement of One Dump Truck No. 310	Lease	I	II	\$137,416	\$0	\$0	\$0	\$0	\$0	\$137,416
J4	Combination Plow Truck No. 303	Lease	II	II	\$0	\$170,737	\$0	\$0	\$0	\$0	\$170,737
J5	Sweeper Replacement	Lease	I	I	\$257,242	\$0	\$0	\$0	\$0	\$0	\$257,242
J6	3 Ton Asphalt Recycler & Hot Box Trailer	G/F Op	II	III	\$0	\$0	\$0	\$0	\$0	\$36,848	\$36,848
J7	Replacement of John Deere loader 503	Lease	III	II	\$0	\$0	\$0	\$0	\$107,160	\$0	\$107,160
J8	Addition of sidewalk tractor	Lease	II	II	\$0	\$0	\$0	\$170,575	\$0	\$0	\$170,575
J9	Emergency Generator - Public Works	G/F Op	III	II	\$0	\$0	\$51,500	\$0	\$0	\$0	\$51,500
J11	Pavement Management Program	G/F Op	I	I	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
J12	Expansion of DPW Building	G/F Op	II	III	\$0	\$0	\$0	\$0	\$25,000	\$200,000	\$225,000
J14	Basin Cleaner	Lease	I	II	\$0	\$0	\$49,300	\$0	\$0	\$0	\$49,300
	<b>PUBLIC WORKS DEPARTMENT TOTAL</b>				\$1,694,658	\$1,551,450	\$1,451,560	\$1,470,575	\$1,432,160	\$1,536,848	\$9,137,251
	<b>TOTAL CITY GENERAL FUND</b>				\$1,946,500	\$1,870,798	\$2,220,275	\$1,743,870	\$4,931,226	\$1,620,106	\$14,332,775

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

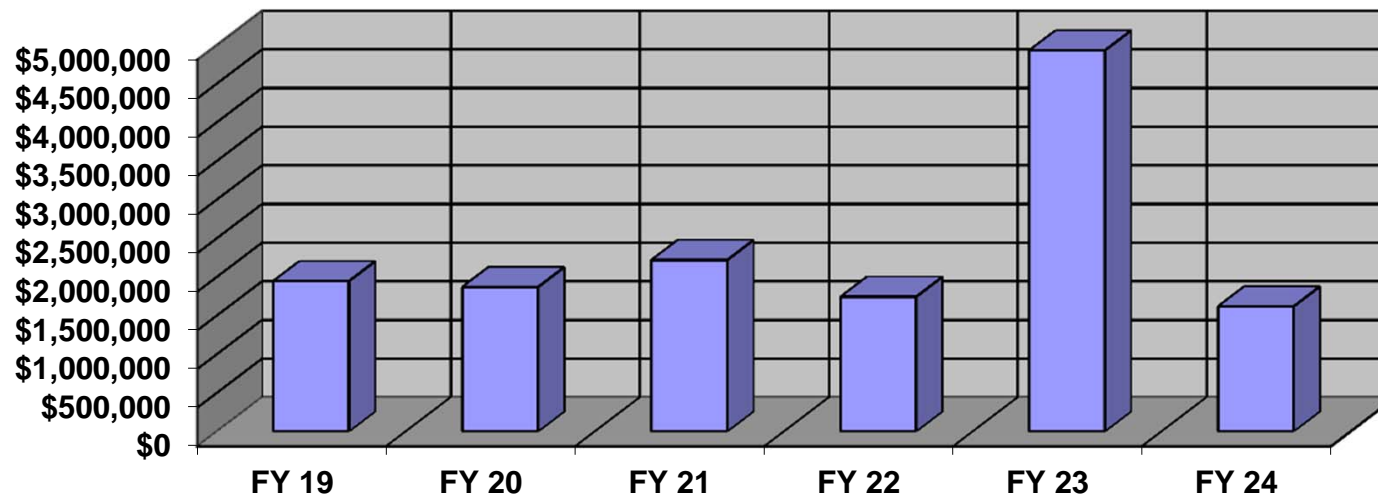
Section	Project by Division	Funding Source 1% Reimbursable	Priority SAU B, G & T	FY19	FY20	FY21	FY22	FY23	FY24	Totals FY19-FY24
	<b>SCHOOL DEPARTMENT</b>									
K	District Wide - HVAC, Ventilation Design, Plan & Specifications	G/F Op	I	I	\$200,000	\$200,000	\$100,000	\$100,000	\$100,000	\$800,000
K	High School - Asbestos Flooring Replacement	G/F Op	I	I	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$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	\$500,000
K	Maple Wood - Bathroom Renovations	Bond	II	II	\$0	\$0	\$0	\$370,000	\$0	\$370,000
K	Maple Wood Elementary - Relocate/Renovate Main Office	Bond	IV	IV	\$0	\$0	\$0	\$726,000	\$0	\$726,000
K	Middle School - Repairs to Exterior walls of 1962 Section & Do	G/F Op	IV	IV	\$0	\$38,000	\$0	\$0	\$0	\$38,000
K	Middle School - Repairs to Exterior walls of 1962 Section Wind	G/F Op	IV	IV	\$95,000	\$0	\$0	\$0	\$0	\$95,000
K	Middle School - Re-Hab Bathrooms/Including ADA Imp	G/F Op	V	V	\$0	\$0	\$0	\$416,000	\$0	\$416,000
	<b>SCHOOL DEPARTMENT TOTAL</b>				\$448,500	\$391,500	\$253,500	\$1,349,500	\$669,500	\$3,212,500
	<b>CAPITAL IMPROVEMENT PROGRAM GENERAL FUND TOTALS</b>				\$2,395,000	\$2,262,298	\$2,473,775	\$3,093,370	\$5,600,726	\$17,545,275
	<b>CURRENT CITY DEBT SCHEDULE (P&amp;I)</b>				\$737,041	\$707,928	\$616,684	\$525,539	\$288,384	\$3,151,847
	<b>CURRENT SCHOOL DEB SCHEDULE (P&amp;I)</b>				\$1,823,519	\$1,680,821	\$1,655,581	\$1,653,071	\$1,622,578	\$10,061,363
	<b>TOTAL - GENERAL FUND CIP &amp; DEBT SERVICE</b>				\$4,955,560	\$4,651,047	\$4,746,040	\$5,271,980	\$7,514,903	\$30,758,485
	<b>ENTERPRISE WATER FUND</b>									
L1	Water Main, Main St from Indigo Hill Road to Wildflower Circle	E/F Op-Bond	II	II	\$0	\$0	\$0	\$115,000	\$1,210,000	\$1,325,000
L2	Noble Pines (Hamilton St) Water Tank Rehabilitation	E/F Op-Bond	II	II	\$0	\$0	\$100,000	\$2,500,000	\$0	\$2,600,000
L3	Truck-F150 Extended Cab 4x4	E/F Op	II	II	\$26,500	\$0	\$0	\$0	\$0	\$26,500
L4	Replacement Truck for Water Distribution - Truck 903	E/F Op	II	II	\$0	\$0	\$0	\$0	\$49,434	\$49,434
L5	Water Main-West High-High Street to James Ct.	E/F Op-Bond	II	II	\$0	\$0	\$0	\$0	\$130,800	\$1,242,300
L6	Dover-Somersworth Water System Interconnection	Bond	II	II	\$650,000	\$0	\$0	\$0	\$0	\$650,000
L7	Raw Water Variable Frequency Drive Controller's	E/F Op	II	II	\$0	\$0	\$0	\$0	\$75,000	\$75,000
	<b>TOTAL - WATER FUND</b>				\$676,500	\$0	\$100,000	\$2,615,000	\$1,390,234	\$5,968,234
	<b>ENTERPRISE SEWER FUND</b>									
M1	Solids Dewatering Centrifuge-Other Improvements	E/F Op Bonds	I	I	\$4,833,000	\$0	\$0	\$0	\$0	\$4,833,000
M2	Headwork's Influent Screens	E/F Op Bonds	I	I	\$835,000	\$0	\$0	\$0	\$0	\$835,000
M3	Aeration Tank Improvements	E/F Op Bonds	I	II	\$1,772,000	\$0	\$0	\$0	\$0	\$1,772,000
M4	Secondary Clarifier	E/F Op	I	II	\$2,940,000	\$0	\$0	\$0	\$0	\$2,940,000
M5	Camel 9 Yard Vacuum / Sewer Truck	E/F Op Bonds	II	III	\$0	\$0	\$0	\$352,500	\$0	\$352,500
M6	Phase II - Upgrade	E/F Op Bonds	II	II	\$0	\$0	\$0	\$0	\$6,340,000	\$6,340,000
M7	Phase III - Upgrade	E/F Lease	III	III	\$0	\$0	\$0	\$0	\$10,360,000	\$10,360,000
	<b>TOTAL - SEWER FUND</b>				\$10,380,000	\$0	\$0	\$0	\$6,692,500	\$27,432,500
	<b>CURRENT ENTERPRISE FUND DEBT SCHEDULE (P&amp;I)</b>				\$1,303,816	\$1,274,154	\$1,246,943	\$1,216,779	\$1,191,366	\$7,394,114
	<b>Pavement Management Plan - Complete Streets Projects</b>									
N3	Cemetery Road Reconstruction	G/F -E/F Bonds	II	II	\$0	\$2,577,600	\$0	\$0	\$0	\$2,577,600
N4	Constitutional Way Reconstruction	G/F -E/F Bonds	II	II	\$0	\$0	\$0	\$687,050	\$0	\$687,050
N6	High Street - Blackwater Road to Franklin Street	G/F -E/F Bonds	II	II	\$0	\$0	\$0	\$0	\$200,100	\$2,983,500
N7	Main Street Construction - John Parsons Drive to Indigo Hill Rd	G/F -E/F Bonds	II	II	\$0	\$0	\$3,106,952	\$0	\$0	\$3,106,952
N10	Washington Street - Main Street to High Street	G/F -E/F Bonds	II	II	\$0	\$0	\$0	\$0	\$100,000	\$1,304,300
	<b>TOTAL - Pavement Management Plan - Complete Streets Projects</b>				\$0	\$2,577,600	\$3,106,952	\$687,050	\$300,100	\$10,759,402

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

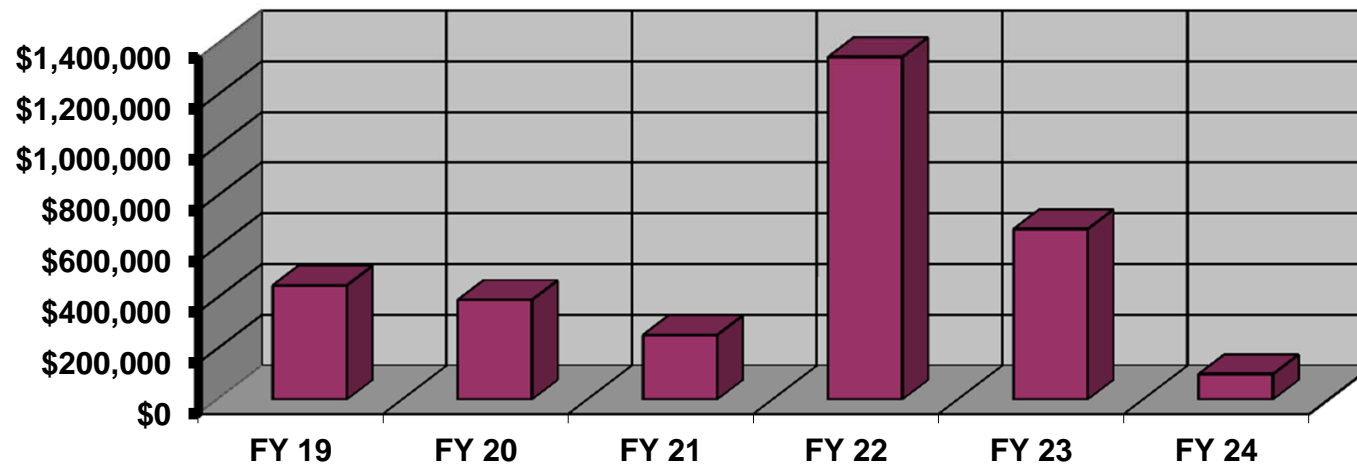
SOMERSWORTH CIP - SUMMARY										
Section	Project by Division			FY19	FY20	FY21	FY22	FY23	FY24	Totals FY19-FY24
	CIP TOTAL - CITY GENERAL FUND			\$1,946,500	\$1,870,798	\$2,220,275	\$1,743,870	\$4,931,226	\$1,620,106	\$14,332,775
	CIP TOTAL - SCHOOL DEPARTMENT			\$448,500	\$391,500	\$253,500	\$1,349,500	\$669,500	\$100,000	\$3,212,500
	CIP TOTAL - CITY ENTERPRISE FUNDS			\$11,056,500	\$0	\$100,000	\$2,615,000	\$8,082,734	\$11,546,500	\$33,400,734
	TOTAL -PAVEMENT MANAGEMENT PLAN - COMPLETE STREETS PROJECTS			\$0	\$2,577,600	\$3,106,952	\$687,050	\$300,100	\$4,087,700	\$10,759,402
	CIP TOTAL - ALL FUNDS			\$13,451,500	\$4,839,898	\$5,680,727	\$6,395,420	\$13,983,560	\$17,354,306	\$61,705,411
	DEBT SERVICE TOTAL - ALL FUNDS			\$3,864,376	\$3,662,903	\$3,519,208	\$3,395,389	\$3,105,543	\$3,059,905	\$20,607,324
	TOTAL - ALL FUNDS CIP & DEBT SERVICE			\$17,315,876	\$8,502,801	\$9,199,935	\$9,790,809	\$17,089,103	\$20,414,211	\$82,312,735
FY19 CITY CIP - FUNDING SUMMARY										
	Funding Category			FY19						
	General Fund - Bonds/Lease			\$394,658						
	General Fund - Other (Escrow)			\$0						
	General Fund - Grants			\$45,000						
	General Fund - Operating Budget			\$1,955,342						
	City General Fund CIP			\$2,395,000						

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

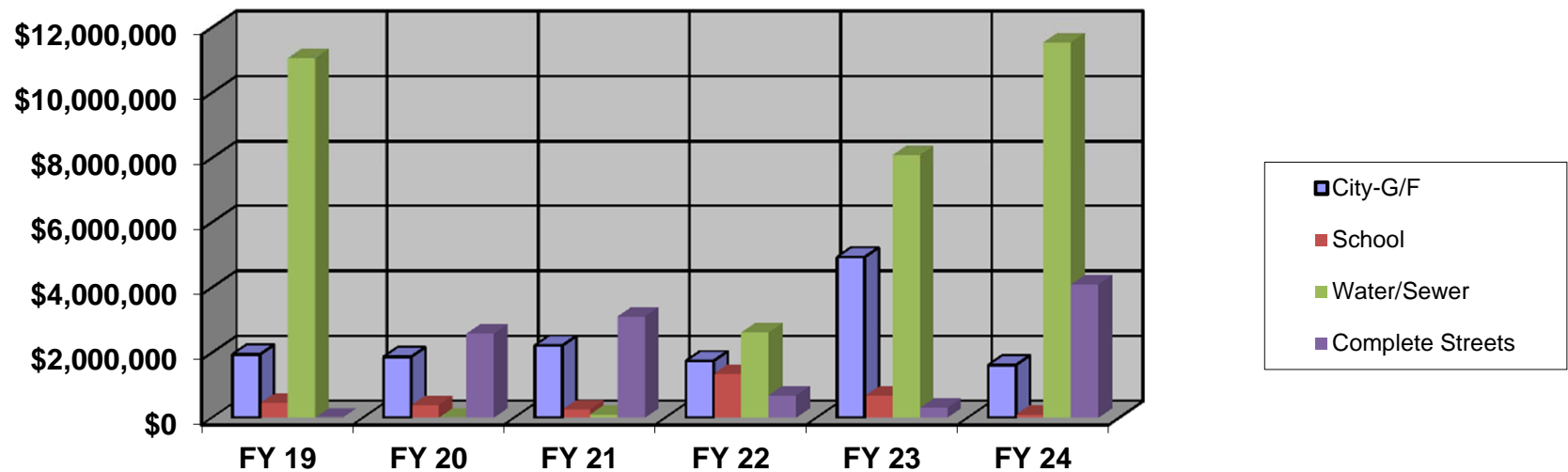




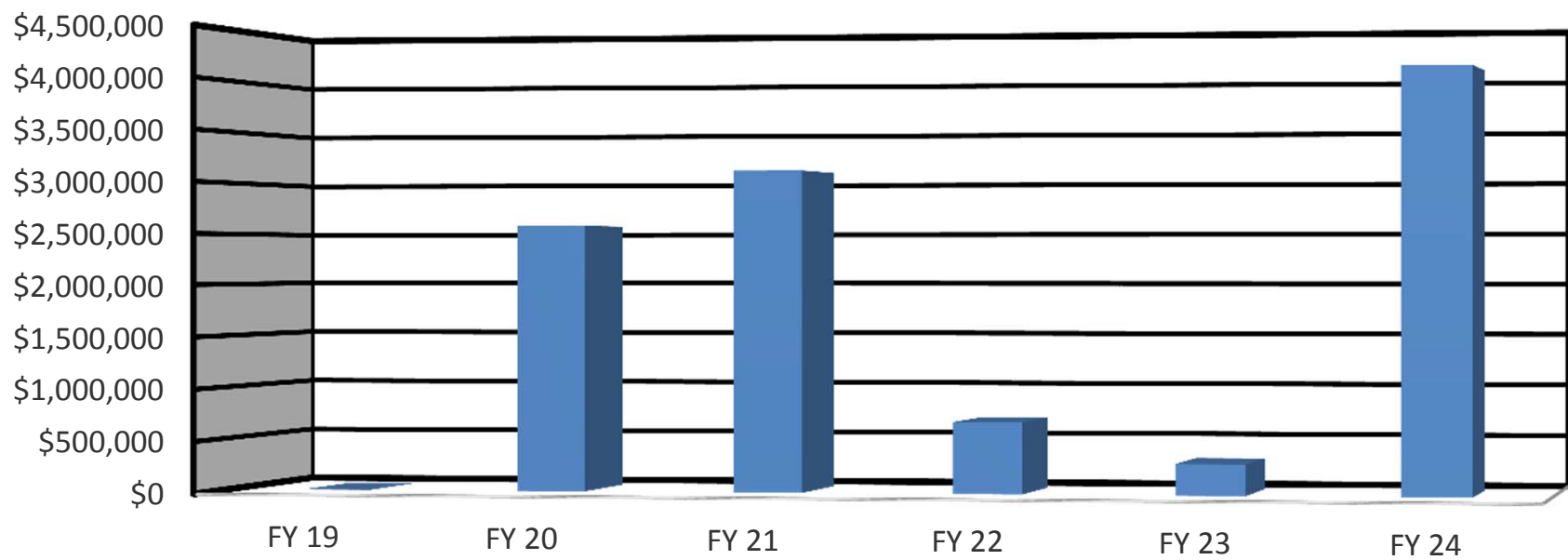
### School CIP - Requests Totals by Fiscal Year



## 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, 2017**

**DRA Certified Base Valuation for Debt Limit** **\$ 886,599,692**

**General Fund debt limit - 3% of Base Valuation:** **\$ 26,597,991**

Gross G/F Bonded debt June 30, 2017 4,067,325

**Total Debt subject to 3% limitation** **4,067,325**

**Legal Debt Margin** **\$ 22,530,666**

**School District debt limit - 7% of Base Valuation:** **\$ 62,061,978**

Gross School Bonded debt June 30, 2017 13,131,924

**Total Debt subject to 7% limitation** **13,131,924**

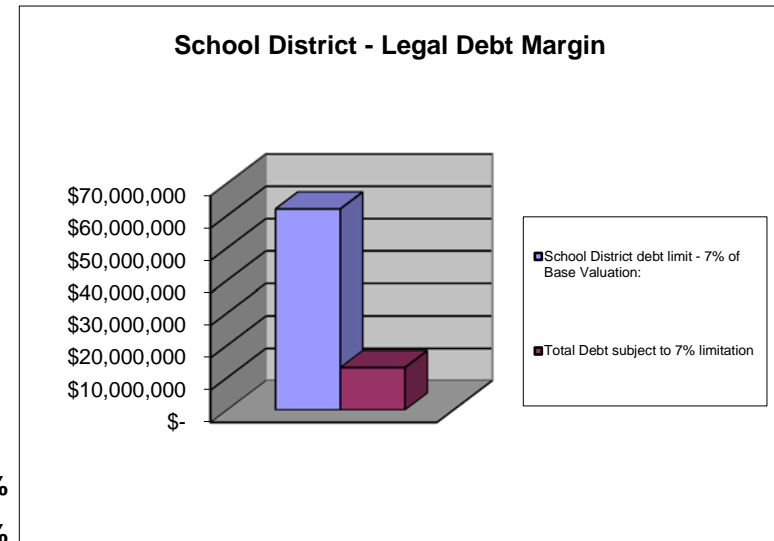
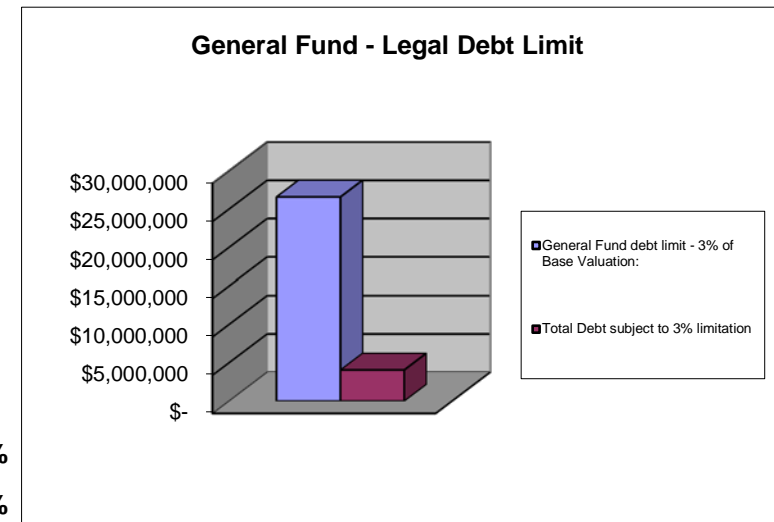
**Legal Debt Margin** **\$ 48,930,054**

**15%**

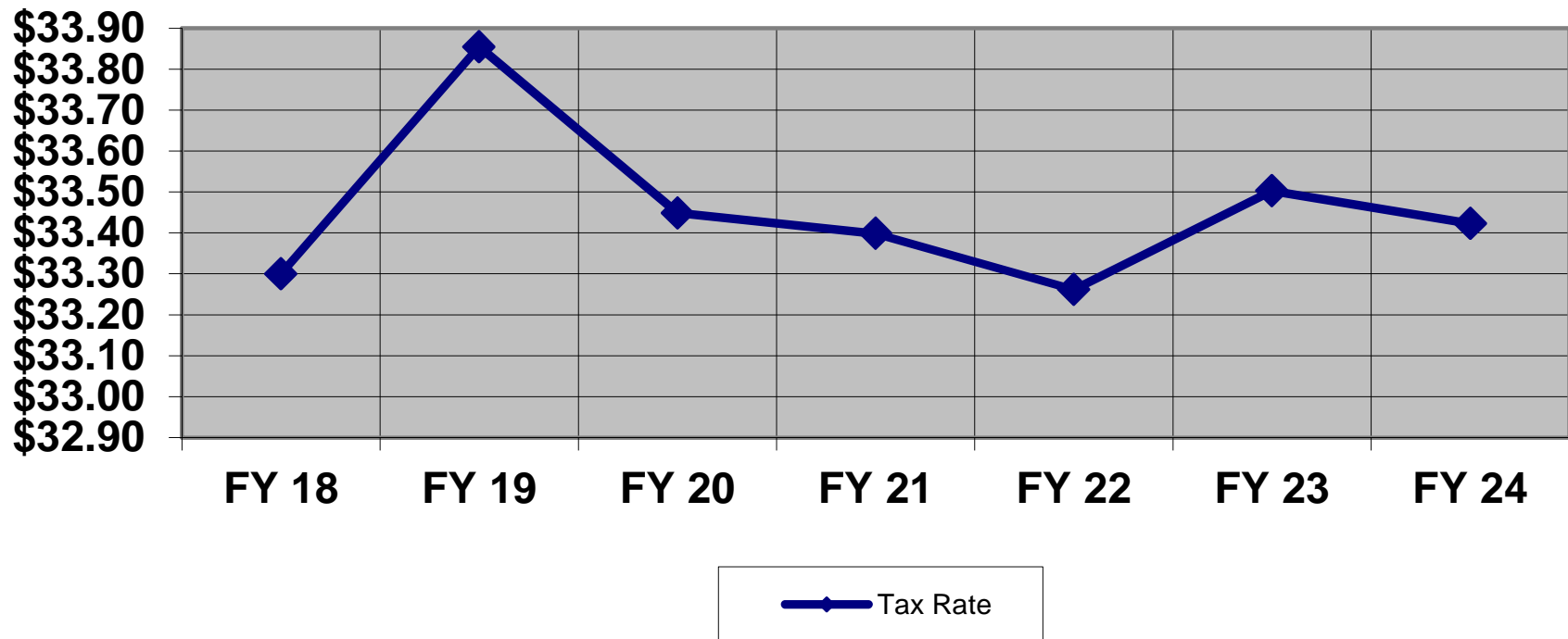
**85%**

**21%**

**79%**

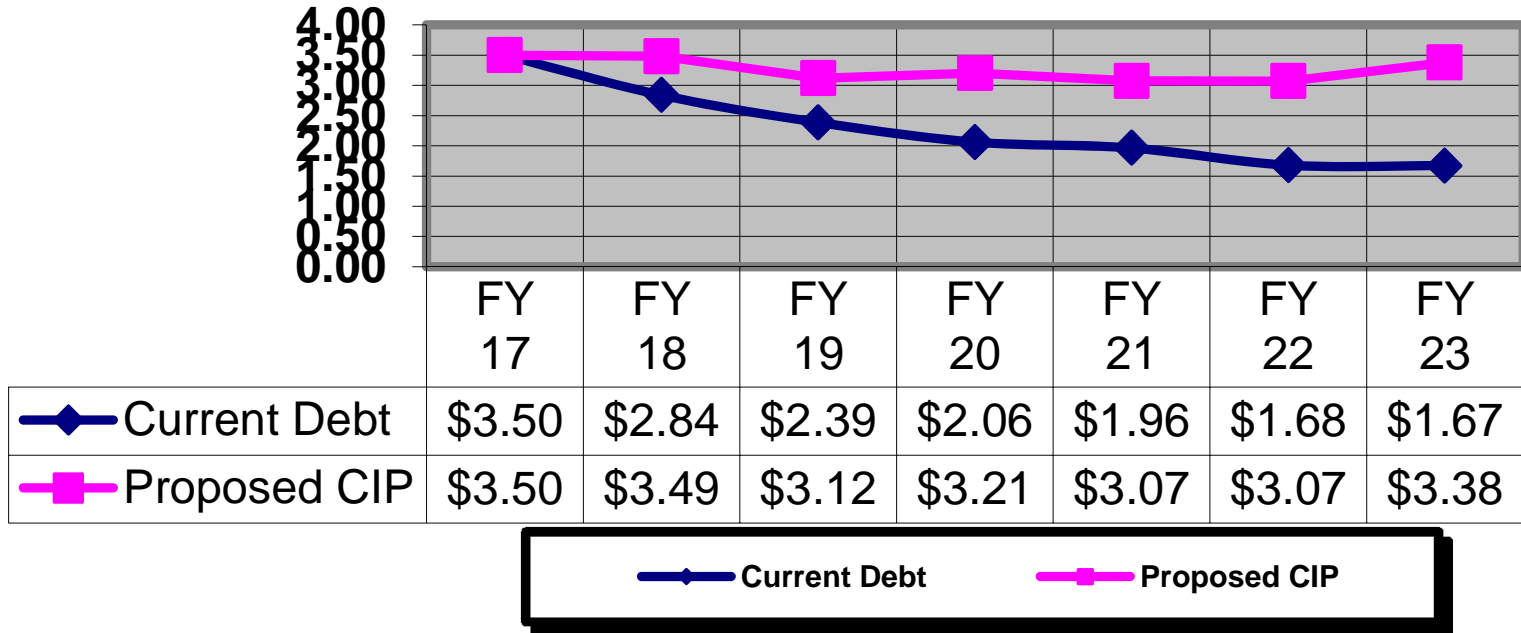


**Estimated Impact on Tax Rate  
of Proposed CIP by Fiscal Year**



## Impact of Proposed CIP on Debt Payments

Debt Payments as Portion of Tax  
Rate



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

DATA ENTRY FORM #A2

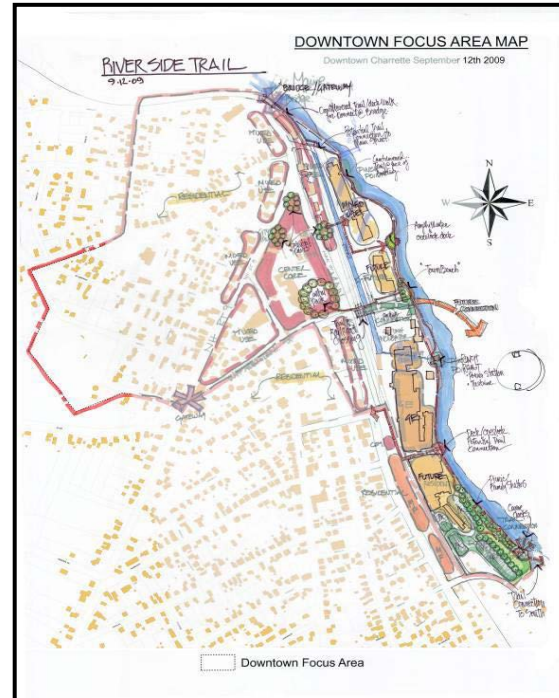
Project Title:	<b>Feasibility Study - Riverwalk expansion</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Development Services	<b>Shanna B. Saunders</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$20,000</b>

**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



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund				\$20,000				\$20,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$20,000	\$0	\$0	\$0	\$20,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$20,000



## DATA ENTRY FORM #A3

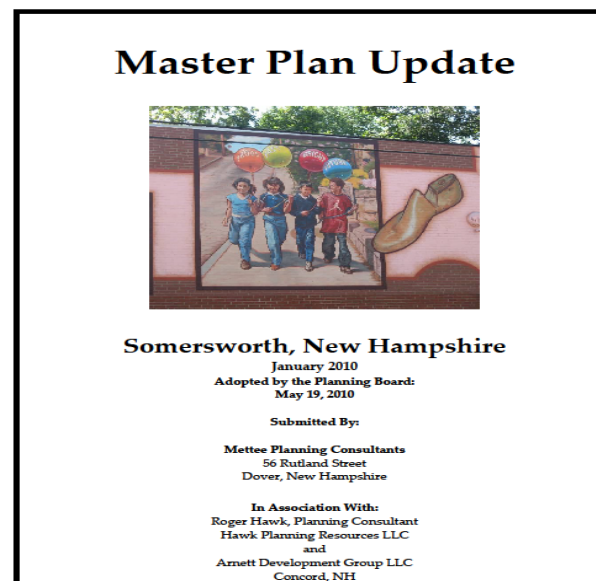
Project Title:	<b>Master Plan update</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Development Services</b>	<b>Shanna B. Saunders</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$30,000</b>	

**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:			FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:									\$0
General Fund					\$30,000				\$30,000
Bonds/Lease									\$0
Grant									\$0
Enterprise Fund									\$0
Other									\$0
		Totals	\$0	\$0	\$30,000	\$0	\$0	\$0	\$30,000
Commence FY:		Quarter:				Prior Years' Funding			
							Total Project		\$30,000

**DATA ENTRY FORM #B1**

<b>Project Title:</b>	<b>City Hall High Efficiency Condensing Boiler</b>			
<b>Department:</b>	<b>Submitted By:</b>	<b>Date:</b>	<b>Priority:</b>	<b>Project Cost:</b>
<b>City Hall</b>	<b>Shanna B. Saunders</b>	<b>October 9, 2017</b>	<b>III</b>	<b>\$40,000</b>

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

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

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

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

**Total : \$40,000**



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$40,000					\$40,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$40,000	\$0	\$0	\$0	\$0	\$40,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$40,000

DATA ENTRY FORM #C1

Project Title:	<b>Millennium Park Pavilion</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Development Services</b>	<b>Shanna B. Saunders</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$16,000</b>	

**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 by the abutting developer who is replacing the playground, updating the park house, 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.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$8,000					\$8,000
Bonds/Lease								\$0
Grant			\$8,000					\$8,000
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$16,000	\$0	\$0	\$0	\$0	\$16,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$16,000

**DATA ENTRY FORM #C3**

<b>Project Title:</b>	<b>Jules Bisson Park Playground Equip. - LWCF Match</b>				
<b>Department:</b>	<b>Submitted By:</b>	<b>Date:</b>	<b>Priority:</b>	<b>Project Cost:</b>	
<b>Development Services</b>	<b>Shanna B. Saunders</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$90,000</b>	

**1. General Project Description?** LWCF grant match to replace the existing playground feature at Jules Bisson Park with a new, ADA accessible, River themed playground to tie into the Riverwalk

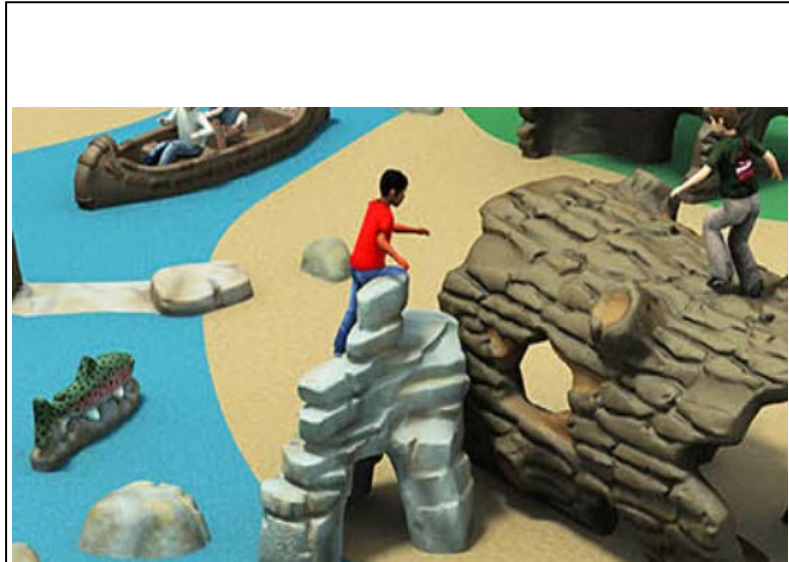
**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** The existing play structure is showing wear and is nearing the end of its useful life. This is one of our most popular urban parks.

**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.**

Playground = Pettinelli & Assoc, \$50,000  
Basketball court = Boulanger paving, \$6200  
BB Hoops x 2 = Anthem Sports , \$3400  
Bases = Epic Sports, \$432.41 without install  
Field = Fernandes, \$15,700 with install  
Pavilion = \$15,000

**Total : \$90,000**  
**Grant pays 50%**



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund		\$45,000						\$45,000
Bonds/Lease								\$0
Grant		\$45,000						\$45,000
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	<b>\$90,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$90,000</b>
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			<b>\$90,000</b>

DATA ENTRY FORM #E2

Project Title:	<b>Replacement Equipment - Server/Network</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Finance/Administration	<b>Scott Smith</b>	<b>October 9, 2017</b>	<b>III</b>	<b>\$22,500</b>

**1. General Project Description?** The City has recently replaced and upgraded the server/network. This is simply in anticipation of upgrading in the future to newer technology.

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

**3. Is this a replacement item?** Yes

**4. List name of Firm and price of quotes received.**  
Current Upgrade of \$19,868 adjusted for inflation.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund					\$22,500			\$22,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$22,500	\$0	\$0	\$22,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$22,500



DATA ENTRY FORM #E3

Project Title:	<b>Library - Roof Replacement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Finance/Administration	<b>Scott Smith</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$45,495</b>	

**1. General Project Description?** Somersworth Public Library roof was installed in 1993. Library roof is nearing the end of expected life cycle. Building Inspector recently viewed the roof and noted areas of tearing, seems pulling apart, etc.

**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.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund		\$45,495						\$45,495
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$45,495	\$0	\$0	\$0	\$0	\$0	\$45,495
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$45,495

DATA ENTRY FORM #G1

Project Title:	<b>New Fire Station</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>FIRE</b>	<b>Keith Hoyle</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$3,617,250</b>	

**1. General Project Description?**

Replace existing 10,500 sq. ft. fire station with a 15,000 sq. ft. station to accommodate apparatus bays, training area, crew quarters, equipment maintenance, decontamination & storage, and administrative offices.

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

Existing facility, built in 1977, does not meet nationally recognized standards for fire stations. The solar heating system has failed, and the building is not energy efficient, resulting in high electrical and heating costs. The "dry-stack" masonry construction will not withstand a minor earthquake event, which would result in major damage to the building and fire apparatus. Construction of an addition would be cost prohibitive, and could result in significant structural complications. Administrative office space is not conducive to modern business practices; shift supervisors do not have adequate office space or the ability to handle confidential personnel matters. Current Administration "Chief" Office is located off dispatch center and Administrative Assistant is located within dispatch center. Daily station activity creates high noise levels making it difficult to conduct normal administrative business. The existing facility does not have separate facilities for female employees. There is no approved second means of egress from 2nd floor.

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

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

Preliminary estimates are based on a comparison of costs and space needs with the Dover FD Liberty North End Fire Station, built in 2008. Additional funds may be necessary to house personnel and equipment during the construction phase on the existing fire station site and for building demolition.

\* Note: The Mayor's advisory committee studied this project and recommended a new station be built.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund	Preliminary Design				\$172,250			\$172,250
Bonds/Lease						\$3,445,000		\$3,445,000
Grant								\$0
Lease								
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$172,250	\$3,445,000	\$0	\$3,617,250
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$3,617,250



DATA ENTRY FORM #G2

Project Title:	<b>Thermal Imaging Camera</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>FIRE</b>	<b>Keith Hoyle</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$13,650</b>	

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$13,650		\$13,650
Bonds/Lease								\$0
Grant								\$0
Lease								
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$13,650	\$0	\$13,650
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$13,650

DATA ENTRY FORM #G3

Project Title:	<b>Forestry Vehicle Replacement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$80,000</b>	

**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 113,000 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, a winch, a pump designed for woodlands usage and a 300 gallon plastic tank (re-used from our current vehicle).

**3. Is this a replacement item? YES**

**If NOT, How was the need previously met? .**

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

Based on estimates obtained from Eastern Fire Apparatus and Irwin Ford of Laconia.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease			\$80,000					\$80,000
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$80,000	\$0	\$0	\$0	\$0	\$80,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$80,000

DATA ENTRY FORM #G5

Project Title:	<b>Replace 1995 Pumper</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle, Fire Chief</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$600,000</b>	

**1. General Project Description?**

Replace Engine 2 1995 Central States 1250 gpm pumper. Industry standards dictate that all fire apparatus be replaced after 20 years of service. Engine 2 will be 25 years old with well over 50,000 road miles and considerable more engine hours while pumping. The replacement vehicle will be a 1500 gpm pumper similar to our existing 2008 and 2014 pumpers. Our current front line pumper, Engine 4 (2014 pumper) will go into second position and Engine 3 will go into reserve status.

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

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

**3. Is this a replacement item? YES**

**If NOT, How was the need previously met? .**

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

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



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund				\$600,000				\$600,000
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$600,000	\$0	\$0	\$0	\$600,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$600,000

DATA ENTRY FORM #G6

Project Title:	<b>Replace Portable Radios</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle, Fire Chief</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$51,837</b>	

**1. General Project Description?**

Replace all the portable radios that were purchased in 2005 and 2006 through a NH Homeland Security grant. This is the final year in a 4 year radio replacement program. Portable radios typically have an 8-10 year longevity. We should replace 12 portable radios and 3 pagers in order to complete this program. Each radio costs \$4,173 and each pager is \$587.

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund		\$51,837						\$51,837
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$51,837	\$0	\$0	\$0	\$0	\$0	\$51,837
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$51,837

DATA ENTRY FORM #G7

Project Title:	<b>Vehicle Mobile Radios</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle Fire Dept.</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$34,869</b>	

**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 \$3875 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 \$34,869.22.

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$34,869					\$34,869
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$34,869	\$0	\$0	\$0	\$0	\$34,869
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$34,869



DATA ENTRY FORM #G8

Project Title:	<b>4WD Pickup Truck</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle Fire Dept.</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$50,000</b>	

**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).

Presently it has 38,000 miles on it. It is rusting in the frame area and was 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 13 year old vehicle is rusting and we project it will need replacement in FY20 as maintenance costs as well as rust on the frame and body are a concern.

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$50,000					\$50,000
Bonds/Lease								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$50,000

DATA ENTRY FORM #H1

Project Title:	<b>Police Cruiser - Ford Explorer Package</b>							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
<b>Police</b>	<b>Chief David Kretschmar</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$35,970</b>				
<p><b>1. General Project Description?</b> This is a rolling replacement program for line cruisers and changeover to Ford Explorer Police Cruisers.</p> <p><b>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?</b> We are a medium sized Department where our police cruisers are utilized 24 hours a day, 7 days a week. Replacing line cars that are at the end of their life cycle maintains fleet integrity and reduces maintenance costs, while contributing to officer safety.</p> <p><b>3. Is this a replacement item?</b> Yes - Our Marked Fleet consists of: (1) 2017 Ford Explorer, (3) 2016 Ford Explorers, (1) 2013 Dodge Charger, (1) 2011 Chevrolet Caprice and (1) 2016 Ford F150 (Parking Vehicle)  <b>If NOT, How was the need previously met?</b></p> <p><b>4. List name of Firm and price of quotes received:</b>          Irwin Ford (2017 State Bid) - \$27,648.00          2 Way Communications - Equipment - \$5,870.00          Wayne Chaloux's Signs &amp; Graphix - \$875.00          2 Way Communication - Modem/Antenna - \$1,577.00</p>								
Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Yearly Total
Sources:								\$0
General Fund		\$35,970	\$74,099	\$38,129	\$78,545	\$40,416	\$83,258	\$35,970
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$35,970	\$74,099	\$38,129	\$78,545	\$40,416	\$83,258	\$35,970
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			\$0
					<b>Total Project</b>			\$35,970

Project Title:	<b>AFIS Fingerprinting System</b>							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
<b>Police</b>	<b>Chief David Kretschmar</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$0</b>				
<p><b>1. General Project Description?</b> AFIS (Automated Fingerprint Indexing System) was developed by the FBI and allows collection and matching of fingerprint data quickly and efficiently. This technology is used in many police agencies across the country. This equipment will be equipped with the standard New Hampshire State Police/Tri-State AFIS profiles for submission directly to the Tri-State (Maine, New Hampshire Vermont) AFIS System.</p> <p><b>2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?</b> 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 comparison in minutes. These high quality finger prints will be matched with other computer records. If no match is found, the 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. If there ever was a mass casualty event, the AFIS System will become an extremely useful piece of equipment.</p> <p>There have been instances where we have had to transmit fingerprints and await identification because we were not sure of the individual in custody. With an AFIS System, the transmission could occur electronically and instantaneous.</p> <p><b>3. Is this a replacement item?</b> No  <b>If NOT, How was the need previously met?</b> 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. It means a lot of additional work for staff.</p> <p><b>4. List name of Firm and price of quotes received:</b></p> <p>Safran MorphoTrak - \$21,825 + \$2,555 Annual Maintenance Plan</p>								
Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Yearly Total
Sources:								\$0
General Fund			\$24,380					\$24,380
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>		\$24,380	\$0	\$0	\$0	\$0	\$24,380
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		\$0
						<b>Total Project</b>		\$24,380



Project Title:	<b>Replacement Audio/Video System</b>							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
<b>Police</b>	<b>Chief David Kretschmar</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$28,540</b>				


  

**1. General Project Description:** Audio and Video Recording System with Storage


**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth:** Our audio/video system captures our booking room, jail cells, interview rooms and outdoor exterior parking lots. The system is crucial to both facility security and to the successful investigation and prosecution of criminal cases. The audio in the current system is often unintelligible and the video is often blurred. Advances in technology will ensure both audio and video will be clear and will enhance both security of the facility, along with improving our investigatory and prosecutorial successes.

**3. Is this a replacement item?** Yes  
**If NOT, How was the need previously met?** When the police station was built on Lilac Lane, a new system was installed that captured all of our audio and video needs. Our current system is 9 years old and is experiencing difficulties that signal end of useful life of the system.

**4. List name of Firm and price of quotes received:**  
1. American Alarm - \$35,000.00  
2. Two-Way Communications System - \$28,540.00



Monitoring Station



Dome Camera

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Yearly Total
Sources:								\$0
General Fund		\$28,540						\$28,540
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
<b>Totals</b>		\$28,540	\$0	\$0	\$0	\$0	\$0	\$28,540
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		\$0
							<b>Total Project</b>	\$28,540

Project Title:	<b>Evidence Collection Vehicle</b>							
Department:	Submitted By:	Date:	Priority:	Project Cost:				
<b>Police</b>	<b>Chief David Kretschmar</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$80,586</b>				


**1. General Project Description:** Evidence Collection Vehicle

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? It is a requirement for police case management and integrity.** This will increase the functionality and streamline the processing of major crime scenes for the Criminal Investigations Division. Detectives currently respond to crime scenes with minimal equipment in a gym bag to process these scenes. This vehicle will allow for the proper management of a crime scene, along with having specialized equipment such as lighting, DNA detection, electronic foot impression recovery, video and photo equipment. It will further be equipped with computer equipment to allow for the immediate and proper documentation of evidence collected at the scene.

**3. Is this a replacement item?** No  
**If NOT, How was the need previously met?** Officers process the scene and have basic evidence processing equipment in their vehicles. This new vehicle will allow scenes to be processed more efficiently as all of the tools needed will be on scene. It will also ensure the integrity of the evidence processed as there is less likelihood of contamination.

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

SIRCHIE VEHICLES - \$69,950.00. Ford E350 Super Duty (most commonly purchased by agencies Sirchie sells these vehicles at the same pre-negotiated prices with the Federal Government.  
TRUCK EQUIPMENT: Roof Mount 15,000 BTU A/C: \$1,625.00 EVIDENCE COLLECTION TOOLS & EQUIPMENT: \$3,443.00, MOBILE RADIO: \$3,244.00 (Two Way Communications), LAPTOP: \$ 747.00 (Back Bay Networks) & Modem/Antenna to connect to Network:\$1,577.00 (Two Way)



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Yearly Total
Sources:								\$0
General Fund				\$80,586				\$80,586
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
<b>Totals</b>		\$0	\$0	\$80,586	\$0	\$0	\$0	\$80,586
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		\$0
						<b>Total Project</b>		\$80,586

Project Title:	<b>Replacement of One-Ton Dump Truck No. 202</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$80,713</b>	

**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 specifically a heavy duty one-ton (Ford F450 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 approximately 86,103 miles and will meet its life expectancy by 2019. This vehicle will perform some of the lighter work that the remaining heavy duty one-tons are less suitable for. Replacing with a heavy duty one-ton should reduce the frequency of repairs. Warranty is 36 mths/36,000 mile bumper to bumper "excluding wearable items" and a 5-yr 60,000 mile power train warranty. The diesel engine has a 100,000 mile warranty on it, diesel is more fuel efficient (21 MPG vs. 15 MPG), and continuing with a Ford purchase 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 replace vehicle **No. 202**, a Chevrolet one-ton truck. It will have over 100,000 miles when it is replaced.

**4. List name of Firm and price of quotes received.** Based on quote 9/2017

Grappone Ford, Cab and Chassis

**\$46,543**

HP Fairfields, Out fitting for plow, dump body, central hydraulics, strobe lighting, etc

**\$34,170**

**Total cost \$80,713**

Intent is to trade in current vehicle "202" Trade value \$7,500-current trade in value.



**Proposed New One-ton dump truck**



**Existing One-Ton Chevy Dump Truck**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$80,713					\$80,713
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$80,713	\$0	\$0	\$0	\$0	\$80,713
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$80,713

Project Title:	<b>Replacement of One-Ton Truck No. 103</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>III</b>	<b>\$50,760</b>

**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 approximately 69,835 miles on it and should have about 115,000 by 2021. This vehicle will perform some of the lighter work that the remaining heavy duty 1-tons are less suitable for, and functions as the General Foreman's vehicle. Replacing with a heavy duty Ford F350 will reduce the frequency of repairs. Warranty is 36 months/36,000 mile bumper to bumper "excluding wearable items" and a 5 yr./60,000 mile power train warranty. The diesel engine has a 100,000 mile warranty on it. Diesel is more fuel efficient (21 MPG vs. 15 MPG), and continuing with a Ford purchase postures DPW to be more standardized and efficient with the performance of and stocking for scheduled and unscheduled services. By having a city-wide Ford fleet, the Department can better control maintenance costs.

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

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

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

-Grappone Ford, Cab and Chassis= **\$44,184.94**

-Boyer's / Line-x of southern NH = **\$6575.00**

**Total cost \$ 50,759.94**

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



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



**Existing DPW&Utilities Foreman's Truck**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease				\$50,760				\$50,760
Grant								\$0
Enterprise Fund								\$0
Other								\$0
<b>Totals</b>		\$0	\$0	\$50,760	\$0	\$0	\$0	\$50,760
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$50,760



DATA ENTRY FORM #J3

Project Title:		<b>Replacement of One Dump Truck No. 310</b>							
Department:		Submitted By:		Date:		Priority:		Project Cost:	
<b>Public Works</b>		<b>Michael Bobinsky</b>		<b>October 9, 2017</b>		<b>I</b>		<b>\$137,416</b>	



**1. General Project Description:** Replacement of dump truck 310

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This would replace existing truck 310 to plow main routes. **Truck 310** has become a cost factor for the last two winter to insure it was ready for dependable winter storm operations and year round use. A lot of replacement parts for this truck are now obsolete and are getting harder to find and more costly. **Truck 310** was not originally specified correctly for a true medium duty use, causing the truck life expectancy to be dramatically decreased. 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?** yes  
Current truck is a 2008 plow truck, which is currently used as a front line plow truck with a dedicated run and year round use being a medium duty 4x4, performing multiple task around city. Truck 310 has approximately 28,722 miles. However, on going and costly repairs and high operating costs makes this unit a candidate for an early replacement. New truck will become a front line plow vehicle with a dedicated plow route in the winter; vehicle will also serve in daily operations in the city for general purpose use.

**4. List name of Firm and price of quotes received.**  
Peterbilt of NH, Cab and 4x4 Chassis **\$99,434.00**  
Hp Fairfields, To out fit with plow gear, hydraulics, etc and swap old stainless dump body to new chassis. **\$37,982.00**  
test and delivered on truck and accessories **Total cost \$137,416.00**

**Intent is to surplus Unit #310. There is no trade value on this truck.**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$137,416						\$137,416
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$137,416	\$0	\$0	\$0	\$0	\$0	\$137,416
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b> \$137,416		

DATA ENTRY FORM #J4

Project Title:	<b>Combination Plow Truck No. 303</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$170,737</b>

**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 a 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 approximately 47,511 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 9/20/2017**

-NH Peterbilt Cab and Chassis assembly **\$98,262**

-HP Fairfield **\$72,475**

Plow Wing, Sander, Dump body, Controls, Tarp system, lighting, On-Spots, Hydraulic Plumbing and installation. **Total Cost: \$170,737**

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

**Proposed New 6-Wheeled Dump Truck**



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

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease			\$170,737					\$170,737
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$170,737	\$0	\$0	\$0	\$0	\$170,737
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$170,737

Project Title:	<b>Sweeper Replacement</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$257,243</b>

**1. General Project Description:** Purchase a Tymco model 600 heavy-duty, chassis-mounted, regenerative air street sweeper with a 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. 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 **Total Cost: \$257,243**

-Trade in quote \$6,000 "will be re quoted next year".



**Proposed New Tymco Regenerative Air Street Sweeper**



**Existing Mechanical Street Sweeper**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$257,242						\$257,242
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$257,242	\$0	\$0	\$0	\$0	\$0	\$257,242
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$257,242

Project Title:	<b>3 Ton Asphalt Recycler &amp; Hot Box Trailer</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$36,848</b>

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

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** By buying this unit we will have the ability to keep hot asphalt on site for road repairs throughout the City. We will be able to pre-load the day before, which adds more time for workers on the road making repairs. Also, by saving the unused asphalt, instead of dumping unused material, we will save money by getting the use of a full load instead of a partial load. This Machine will also recycle old tailing and grindings to be reused on road repairs.

**3. Is this a replacement item?** No. Currently we use DPW one ton's to do most patch work on roads in town. We get material from Brox in Rochester. After getting material we tarp it and, depending on weather, we have limited time to get material down. With this hot box we will be able to hold material if not used. Moved item up into FY19 to be used with skid steer and high flow cold planer also entered in CIP for FY19 to insure proper road repairs are being made to extend life of city streets.

**4. List name of Firm and price of quotes received.**  
 -Quoted on 9/20/2017  
 -HP Fairfields Trailer assembly **Total Cost: \$36,848**



Proposed New Hot Box Asphalt Reclaimer Trailer



Currently Applying Temporary Cold Patch from rear of dump truck

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund							\$36,848	\$36,848
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$36,848	\$36,848
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$36,848



DATA ENTRY FORM #J7

Project Title:	Replacement of John Deere loader 503			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Michael Bobinsky	October 9, 2017	III	\$107,160

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

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

**3. Is this a replacement item?** Yes. By replacing loader 503 at its 10 to 12 year age 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 **\$177,160**

Current trade in value **-\$70,000**

**Total cost: \$107,160**

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

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$107,160		\$107,160
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$107,160	\$0	\$107,160
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$107,160

Project Title:	<b>Addition of sidewalk tractor</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$170,575</b>

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

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

**3. Is this a replacement item?** No. This will be an addition to the fleet 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 **Total Cost: \$170,575**

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



**Proposed New Sidewalk Tractor**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund					\$170,575			\$170,575
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$170,575	\$0	\$0	\$170,575
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$170,575

DATA ENTRY FORM #J9

Project Title:	<b>Emergency Generator - Public Works</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>III</b>	<b>\$51,500</b>

**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 expected to be on duty and provide services to the community during a weather related emergency. (e.g. floods, wind storms, ice storm, snow storms, etc.) Recent experience has shown that these emergencies are frequently accompanied with extended power outages. Without power during emergencies, DPW personnel cannot function efficiently and vital equipment cannot be repaired when it is frequently needed most. Telephones, heat, and support equipment can not function either during a period of need.

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund				\$51,500				\$51,500
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$51,500	\$0	\$0	\$0	\$51,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$51,500

DATA ENTRY FORM #J10

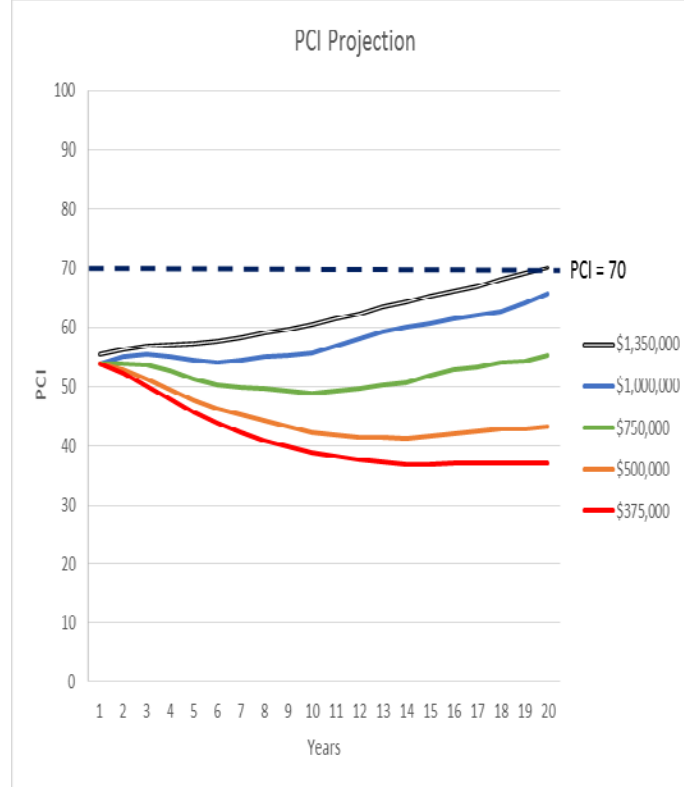
Project Title:	<b>Pavement Management Program</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$1,300,000 year one</b>	

**1. General Project Description:** In Spring 2014, the condition of approximately 50 miles of City-maintained paved roads was evaluated using a GPS linked mobile vehicle equipped with 3D and laser imaging cameras. The pavement condition imaging data was linked to the City's GIS roadway centerline maps to pinpoint defects in the paved surfaces. The Contract City Engineer and Public Works staff ran the data through a pavement optimization program to develop a long-term pavement management plan for the City. The program assigned a pavement condition index to the paved road segments using a scale from 100 (new pavement) to 0 (dirt road). The City's road network average PCI is approximately 55 (a target PCI = 70 is optimal); right now we fall below an optimal level. The program applies local costs to pavement preservation, resurfacing, and reconstruction. To rehabilitate all roads in one year would cost more than \$19.5M. 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.** An investment of \$1,300,000 is recommended in order to have an impact on the City road network.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
Bonds/Lease								\$0
Grant								\$0
Water Fund								\$0
Sewer Fund								\$0
<b>Totals</b>		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,800,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$7,800,000



Project Title:	<b>Expansion of DPW Building</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$225,000</b>

**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.**

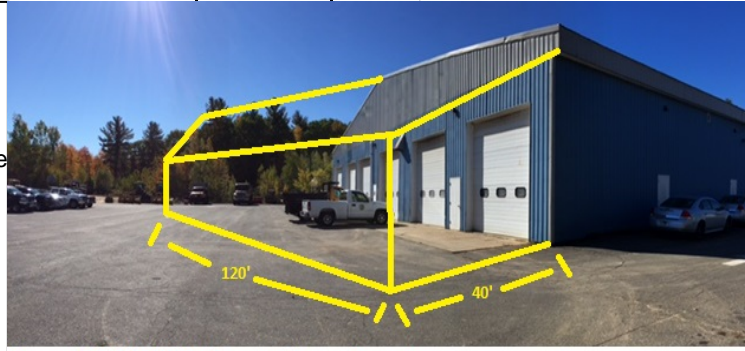
-Average construction price of \$40 per square feet is based on the cost of standard steel building additions, plus foundations, electrical, lighting and required site plan permitting and engineering costs.

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 FY2023, and construction in FY2024.

-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 Aparatus Garage Expansion**



**Existing DPW&Utilities Aparatus Garage**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$25,000	\$200,000	\$225,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
<b>Totals</b>		\$0	\$0	\$0	\$0	\$25,000	\$200,000	\$225,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$225,000

DATA ENTRY FORM #J13

Project Title:	<b>Basin Cleaner</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$45,000</b>

**1. General Project Description:** Catch Basin Cleaning Unit  
**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This unit is planned to address cleaning of isolated catch basins and or plugged sewer manhole problems addressing emergency conditions. This equipment will supplement the Department's reliance on a service contractor for annual cleaning of the City's catch basins. The equipment is proposed to be skid mounted and installed on the back of an existing 1 ton truck or 6 wheel dump truck for ease with access and operations. Various tank sizes and mounting options exist for these attachments. Staff considered a 500 gallon and an 800 gallon. After review, it is recommended we go with a 500 gallon tank portable power vacuum cleaner to enhance maintaining catch basins and responding to isolated sewer main blockages.

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

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

-HP Fairfield -New Hampshire Center

-Quotes were obtained for a skid mounted/truck mounted and a trailer mount and for 2 different size tanks:

500 gallon: \$49,300

800 gallon: \$68,000



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund				\$36,975				\$36,975
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$12,325				\$12,325
Other								\$0
	<b>Totals</b>	\$0	\$0	\$49,300	\$0	\$0	\$0	\$49,300
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$49,300

DATA ENTRY FORM #K1

Project Title:	<b>District Wide - HVAC, Ventilation Design, Plan &amp; Specifications</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>DW-90</b>	<b>Andy Lucier</b>	<b>Sep-17</b>	<b>I</b>	<b>\$800,000</b>

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund		\$200,000	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$200,000	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$800,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
				<b>Total Project</b>				\$800,000

DATA ENTRY FORM #K2

Project Title:	<b>High School - Asbestos Flooring Replacement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>HS-31</b>	<b>Victor Sokul</b>	<b>Sep-17</b>	<b>I</b>	<b>\$267,500</b>	

**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%**



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
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
	<b>Totals</b>	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$0	\$267,500
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
							<b>Total Project</b>	\$267,500



DATA ENTRY FORM #K3

Project Title:	<b>Middle School - Replace Boilers and Controls 1 through 5</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>MS-21</b>	<b>Andy Lucier</b>	<b>Sep-17</b>	<b>I</b>	<b>\$500,000</b>	

**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%



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	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
<b>Totals</b>		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$500,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$500,000

DATA ENTRY FORM #K4

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

**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%**



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease					\$370,000			\$370,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$370,000	\$0	\$0	\$370,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
						<b>Total Project</b>		\$370,000

DATA ENTRY FORM #K6

Project Title:	<b>Maple Wood Elementary - Relocate/Renovate Main Office</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>MW-13</b>	<b>Andy Lucier</b>	<b>Sep-17</b>	<b>IV</b>	<b>\$726,000</b>

**Project Description:**

Built in 1979, the office was once adjacent to the main entrance. With the addition of kindergarten in 1997, the main entrance was moved further away from the office. Visitors can enter the building and access classrooms without observation from the office. We have initiated some new security systems, however the office should be located adjacent to the main entrance.

**OBJECTIVE:**

Provide addition to expand Administration Area approximately 1,200 sq. ft.. Minor renovations to the existing Administration Area approximately 1,000 sq. ft.. Provide a secured Foyer that would allow the Administration Area full visibility and sign in check point.

**Is this a replacement item?**

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

**SOLUTION:**

Design an addition in front of the present Administration Area.

**Quotes received:**

Harriman Estimate - Revised September 2011

**Building Aid?** No

**Percent Reimbursable?** 0%



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease					\$726,000			\$726,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$726,000	\$0	\$0	\$726,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$726,000

DATA ENTRY FORM #K7

Project Title:	<b>Middle School - Repairs to Exterior walls of 1962 Section &amp; Doors</b>			
Department: MS-21	Submitted By: Dana Hilliard	Sep-17	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%



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$38,000					\$38,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$38,000	\$0	\$0	\$0	\$0	\$38,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$38,000



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

**Project Description:**

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

**OBJECTIVE:**

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

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

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

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

**Is this a replacement item?** Renovation

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

**SOLUTION:**

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

**Quotes received:**

Harriman Estimate - Revised September 2011

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



Total Project Funds:			FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:									\$0
General Fund			\$95,000						\$95,000
Bonds/Lease									\$0
Grant									\$0
Enterprise Fund									\$0
Other									\$0
	<b>Totals</b>		\$95,000	\$0	\$0	\$0	\$0	\$0	\$95,000
Commence FY:		Quarter:				<b>Prior Years' Funding</b>			
							<b>Total Project</b>		\$95,000

DATA ENTRY FORM #K9

Project Title:	Middle School - Re-Hab Bathrooms/Including ADA Imp			
Department: MS-21	Submitted By: Andy Lucier	Sep-17	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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$416,000		\$416,000
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$416,000	\$0	\$416,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$416,000

DATA ENTRY FORM # L1

Project Title:	Water Main, Main St from Indigo Hill Road to Wildflower Circle and Daniel Street			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	October 9, 2017	II	\$1,325,000

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

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

**3. Is this a replacement item?** Yes.

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

Dubois & King estimates all main replacement and associated services, hydrants and valves at \$247 per foot. The replacement pipe will be cement lined ductile iron pipe (CLDIP) and shall be sleeved in poly to prevent future corrosion.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund					\$115,000	\$1,210,000		\$1,325,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$115,000	\$1,210,000	\$0	\$1,325,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$1,325,000



DATA ENTRY FORM #L2

Project Title:	<b>Noble Pines (Hamilton St) Water Tank Rehabilitation</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$2,600,000</b>	

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$100,000	\$2,500,000			\$2,600,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$100,000	\$2,500,000	\$0	\$0	\$2,600,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$2,600,000



DATA ENTRY FORM #L3

Project Title:	<b>Truck-F150 Extended Cab 4x4</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$26,500</b>	

**1. General Project Description:** Truck for water treatment plant. Ford F150 Crew Cab 4x4, V6 engine, and extended cab.

**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.

**3. Is this a replacement item?** Yes.

**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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund		\$26,500						\$26,500
Other								\$0
	<b>Totals</b>	\$26,500	\$0	\$0	\$0	\$0	\$0	\$26,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$26,500

DATA ENTRY FORM #L4

Project Title:	<b>Replacement Truck for Water Distribution - Truck 903</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$49,434</b>	

**1. General Project Description:** Purchase a replacement utility vehicle for water distribution. This vehicle is primarily used for water emergencies and construction projects. It is also utilized for some service calls, collecting water meter data monthly, and other distribution maintenance activities.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This will replace Vehicle 903, which is a 2010 Chevy 4500 Utility Van. While the Chevy van is serving the division well for all services and is the primary emergency response vehicle it will eventually need to be replaced in order to provide reliable services to the community into the future. Current mileage on the van is 59,852.

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

**4. List name of Firm and price of quotes received.** 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:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$49,434		\$49,434
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$49,434	\$0	\$49,434
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$49,434

I	Water Main-West High-High Street to James Ct.			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	October 9, 2017	II	\$1,242,300

**1. General Project Description:** Replacement of undersized and over 80-year old piping (approximately 4,500 ft.), and associated hydrants and services under West High Street. This will upgrade a distribution main from a 6" main to a 10-inch main .

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** The water distribution system in this area is over 80 years old. The 2013 Wright-Pierce Water Distribution Study recommended this main be placed in the CIP, Intermediate-Term Improvements 2020-2027. Additionally this improvement would increase fire flows in the area. 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 2023 are from the Wright-Pierce study completed in 2013 for a similar project schedule for 2019 plus 3% each year for inflation X 4 years = 2023 estimated cost of \$130,800. Pipe install and trench patch estimated uses average 2017 price provided by Dubois & King of \$240 per foot plus 3 % for inflation X 6 years= 2024 estimated cost of \$247.00 per foot.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$130,800	\$1,111,500	\$1,242,300
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$130,800	\$1,111,500	\$1,242,300
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$1,242,300

Project Title:	<b>Dover-Somersworth Water System Interconnection</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$650,000</b>	

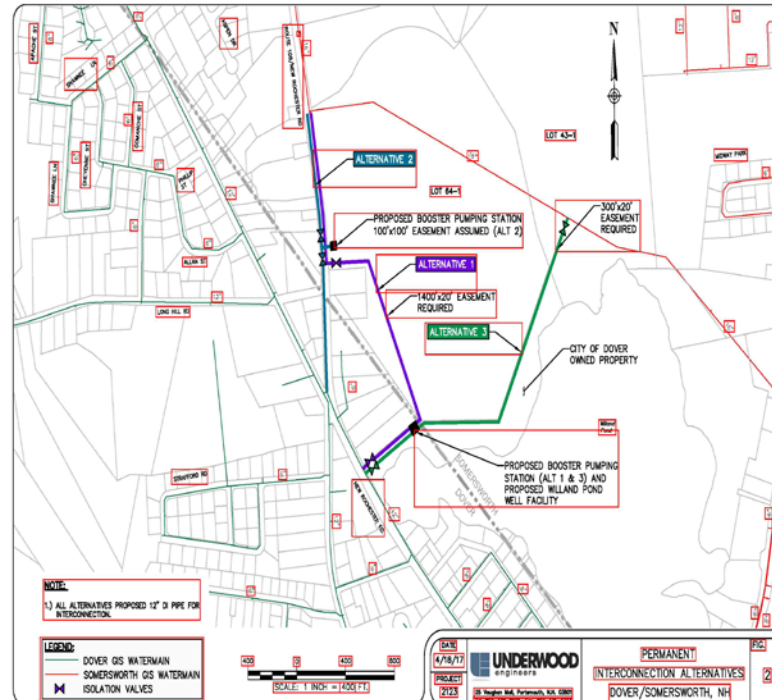
**1. General Project Description:** Dover-Somersworth Water System Interconnection; 12" water main connection to the Somersworth water main.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Provides a permanent water inter-connection for Dover and Somersworth in the event of an emergency impact to either communities water supply. The project is linked to Dover's Willand Pond Well Facility Upgrade and a 12" water main extension to the Somersworth water main. Use of booster pump, (Dover to Somersworth) and pressure reducing valve, (Somersworth to Dover) will be required with the Willand Pond Well Facility Upgrades . Requires approval of an intermunicipal agreement for cost sharing.

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

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

Reference the Underwood Engineers' Feasibility Report May 25, 2017. Estimated cost is \$1,300,000.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$650,000						\$650,000
Other								\$0
	Totals		\$650,000	\$0	\$0	\$0	\$0	\$650,000
Commence FY:	Quarter:				Prior Years' Funding			
		Total Project					\$650,000	

Project Title:	Raw Water Variable Frequency Drive Controller's			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Michael Bobinsky	October 9, 2017	II	\$75,000

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

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

**3. Is this a replacement item?** Yes

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

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



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund								\$0
Other							\$75,000	\$75,000
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$75,000



DATA ENTRY FORM #M1

Project Title:	<b>Solids Dewatering Centrifuge-Other Improvements</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Sewer</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$4,833,000</b>	

**1. General Project Description:**

High priority improvements recommended as part of the Comprehensive Wastewater Treatment Facility Plan being prepared by Wright/Pierce Engineers. Project includes:

Centrifuge replacement and construction	\$1.6M
Sprinkler System,Ventilation Systems code update	\$1.88M
Sludge pumps & Grinders	\$570k
Technical Services - Engineering Design Phase	\$144K
Technical Services - Bidding & Construction Phase	\$102K
Construction Contingencies & Allowances	\$80K
Additional high priority items unknown during initial review	\$427K

\*This project is eligible for SRF funding.

**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, however the original unit will be re-furbished and kept as a back-up.

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

Cost estimates are based on the Wright Pierce Influent Screening, Aeration and Dewatering Systems Upgrade dated August, 2017.

This project can also be referenced within the Comprehensive Wastewater Treatment Facility Plan dated August, 2017.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$4,833,000						\$4,833,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$4,833,000	\$0	\$0	\$0	\$0	\$0	\$4,833,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$4,833,000



DATA ENTRY FORM #M2

Project Title:	<b>Headwork's Influent Screens</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Sewer</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$835,000</b>

**1. General Project Description:**

The influent screens provide screening of the influent wastewater. The reduction in solids reduces wear on downstream units, clogging of equipment and facilitates proper operation of the biological treatment processes. The existing screens are 13-yrs old and over time have undergone some major corrective maintenance.

\*This project is eligible for SRF funding.

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

This 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

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

Cost estimates are based on the Wright Pierce Influent Screening, Aeration and Dewatering Systems Upgrade dated August, 2017.

This project can also be referenced within the Comprehensive Wastewater



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$835,000						\$835,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$835,000	\$0	\$0	\$0	\$0	\$0	\$835,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$835,000

**DATA ENTRY FORM #M3**

<b>Project Title:</b>	<b>Aeration Tank Improvements</b>				
<b>Department:</b>	<b>Submitted By:</b>	<b>Date:</b>	<b>Priority:</b>	<b>Project Cost:</b>	
<b>Sewer</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$1,772,000</b>	

**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. Direct Drive Mixers previously identified in the CIP is now included here under this cost estimate.

\*This project is eligible for SRF funding.

**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 Influent Screening, Aeration and Dewatering Systems Upgrade dated August, 2017. This project can also be referenced within the Comprehensive Wastewater Treatment Facility Plan dated August, 2017.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$1,772,000						\$1,772,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$1,772,000	\$0	\$0	\$0	\$0	\$0	\$1,772,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$1,772,000

Project Title:	<b>Secondary Clarifier</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Sewer</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>I</b>	<b>\$2,940,000</b>	

**1. General Project Description:**

Secondary Clarifiers are used to settle suspended solids from partially treated wastewater. This is an additional clarifier to the existing two we currently have. The two existing clarifiers are in-service at all times. The proposed location is on the right side of clarifier #2 pictured here. This project also includes the demolition of the 5,000 gallon underground fuel storage tank.

\*This project is eligible for SRF funding.

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

This investment will provide redundancy and allow for preventative and corrective maintenance on an as needed basis. It may also be put online as a third settling tank during high flow events. In addition, it may strengthen our request to EPA for consideration in increasing facility capacity.

**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 Comprehensive Wastewater Treatment Facility Plan dated August, 2017.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$2,940,000						\$2,940,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$2,940,000	\$0	\$0	\$0	\$0	\$0	\$2,940,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$2,940,000

Project Title:	<b>Camel 9 Yard Vacuum / Sewer Truck</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$352,500</b>

**.1. General Project Description**

To purchase a Camel 9 Yard Vacuum/Sewer Truck for public works

**2. 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 .

**3. 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.

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

-HP Fairfield \$352,500



**Proposed New 6-Wheeled Vac Truck**

Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$176,250		\$176,250
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$176,250		\$176,250
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$352,500	\$0	\$352,500
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$352,500



Project Title:	<b>Phase II - Upgrade</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Sewer</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$6,340,000</b>

**1. General Project Description:**

This upgrade addresses both high/medium priority issues throughout the facility buildings and grounds. Examples include;  
 Replace all Programmable Logic Controllers (PLC's)  
 Replace Chemical feed pumps, blowers, mixers & valves.  
 Replace chemical feed tanks and piping.  
 Replace all windows and doors for increased energy performance.  
 \*This project is eligible for SRF funding.

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

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

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

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

Cost estimates are based on the Wright Pierce Comprehensive Wastewater Treatment Facility Plan dated August, 2017.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease						\$6,340,000		\$6,340,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$6,340,000	\$0	\$6,340,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$6,340,000

Project Title:	<b>Phase III - Upgrade</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Sewer</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>III</b>	<b>\$10,360,000</b>

**1. General Project Description:**

This upgrade addresses low priority items through out the facility buildings and grounds. Examples include;  
 SCADA Software upgrade  
 Replacing yard piping & hydrants.  
 Replace tertiary filter system.  
 Rehabilitate all concrete structures and replace equipment mechanisms.  
 More detailed information can be found within the facility plan.  
 \*This project is eligible for SRF funding.

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

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

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

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

Cost estimates are based on the Wright Pierce Comprehensive Wastewater Treatment Facility Plan dated August, 2017.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease							\$10,360,000	\$10,360,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$10,360,000	\$10,360,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$10,360,000



## DATA ENTRY FORM #N3

Project Title:	<b>Cemetery Road Reconstruction</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Complete Streets</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$2,577,600</b>	

**1. General Project Description:** Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, install new sidewalks and reconstruct roadway surface along Cemetery Road from Maple Street to West High 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 Cemetery Road.

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

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

Conceptual level opinion of construction cost developed by the contract City Engineer.

-Road, Drainage, Sidewalk , % of engineering: \$1,694,300  
-Water System Improvements: \$ 661,800  
-Sewer Line Replacement: \$ 481,500



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund			\$1,434,300					\$1,434,300
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund			\$1,143,300					\$1,143,300
Other								\$0
<b>Totals</b>		\$0	\$2,577,600	\$0	\$0	\$0	\$0	\$2,577,600
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$2,577,600

DATA ENTRY FORM #N4

Project Title:	<b>Constitutional Way Reconstruction</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Complete Streets</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$687,050</b>	

**1. General Project Description:** Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, install new sidewalks and reconstruct roadway surface along Constitution Way from High Street to Washington Street.

**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 Constitutional Way.

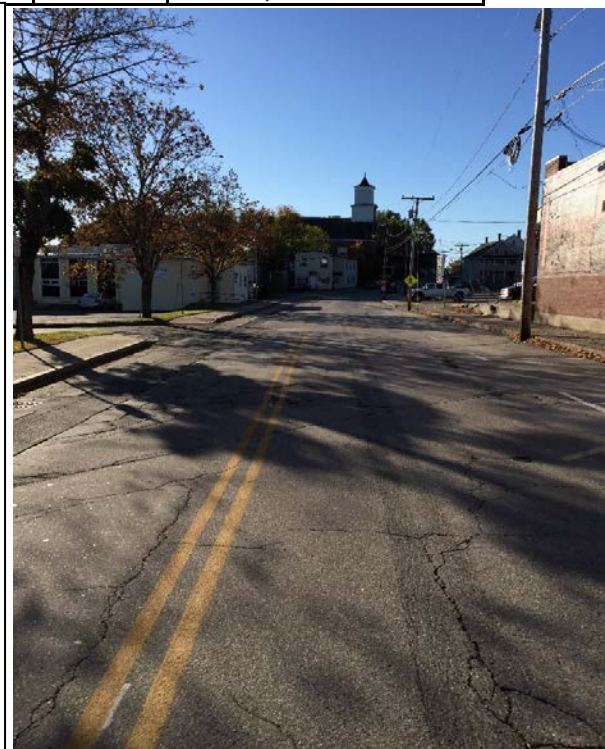
**3. Is this a replacement item?** Yes.  
If NOT, how was the need previously met?

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

Conceptual level opinion of construction cost developed by the contract City Engineer.

-Road, Drainage, Sidewalk , % of engineering: \$ 477,650  
-Water System Improvements: \$ 123,500  
-Sewer Line Replacement: \$ 85,900

Project was selected for engineering design services in FY18. Final engineering and construction specifications will be prepared during FY18 ; updated cost estimates will be provided once design is completed, spring-summer of 2018.



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund					\$477,650			\$477,650
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund					\$209,400			\$209,400
Other								\$0
<b>Totals</b>		\$0	\$0	\$0	\$687,050	\$0	\$0	\$687,050
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$687,050

Project Title:	<b>High Street - Blackwater Road to Franklin Street</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Complete Streets</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$2,983,500</b>	

**1. General Project Description:** Project involves the replacement of potable water, sanitary sewer, and stormwater utility infrastructure, install new sidewalks and reconstruct roadway surface along High Street from Blackwater Road to Franklin Street.

**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.  
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.

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



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$66,700	\$1,624,200	\$1,690,900
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$133,400	\$1,159,200	\$1,292,600
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$200,100	\$2,783,400	\$2,983,500
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$2,983,500



## DATA ENTRY FORM #N7

Project Title:	<b>Main Street Construction - John Parsons Drive to Indigo Hill Road</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Complete Streets</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$3,106,952</b>	

**1. General Project Description:**

Project involves the replacement water and sewer lines, storm drainage improvements, new sidewalks, bike lanes and new surface pavement on Main Street from Indigo Hill Road to John Parsons Drive. Design to compliment planning outcomes for the redevelopment of the Somersworth Plaza site.

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

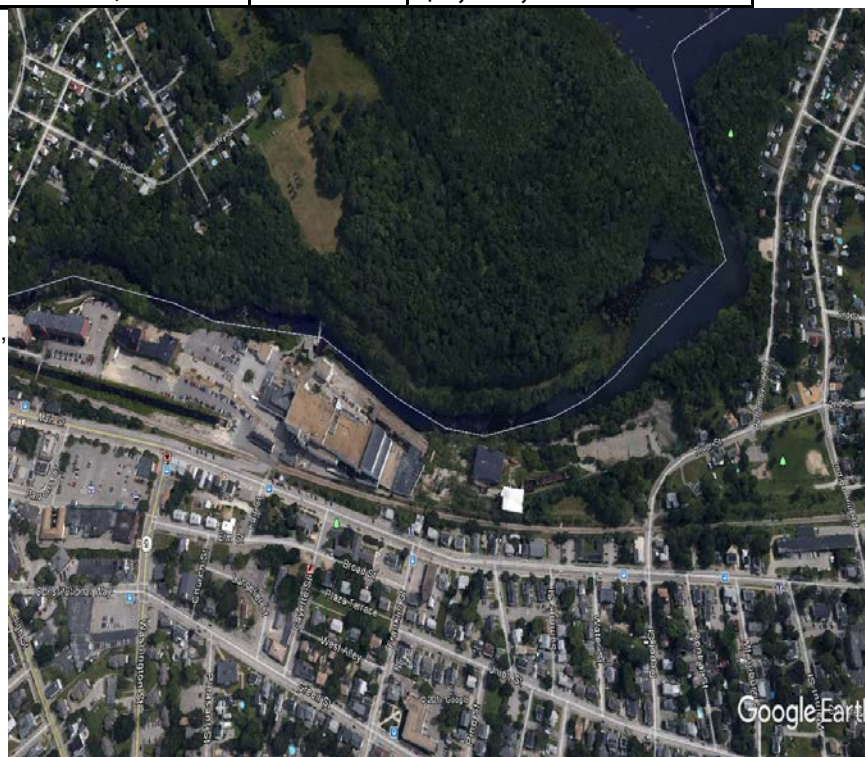
Improvements will result in reducing or eliminating water or sewer line breaks, improved access for all modes, address drainage issues.

**3. Is this a replacement item?** Yes new water and sewer lines, storm drainage, sidewalks and new surface pavement**4. List name of Firm and price of quotes received.**

Opinion of construction cost developed by the contract City Engineer.

-Road, Drainage, Sidewalk      \$1,737,860  
 -Water System Improvements:    \$ 805,130  
 -Sewer Line Replacement:        \$ 563,962  
 Total                                    **\$3,106,952**

**Note: The City may consider a phased approach to this project, for example complete an initial phase of the project from John Parsons to Fayette, and then completing the balance of the project in a subsequent year.**



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund				\$1,737,860				\$1,737,860
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund				\$1,369,092				\$1,369,092
Other								\$0
	<b>Totals</b>	\$0	\$0	\$3,106,952	\$0	\$0	\$0	\$3,106,952
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$3,106,952

DATA ENTRY FORM #N10

Project Title:	<b>Washington Street - Main Street to High Street</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Complete Streets</b>	<b>Michael Bobinsky</b>	<b>October 9, 2017</b>	<b>II</b>	<b>\$1,404,300</b>	

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

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

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

**4. List name of Firm and price of quotes received.**  
Opinion of construction cost developed by the contract City Engineer.

-Road, Drainage, Sidewalk      \$ 851,200  
 -Water System Improvements:    \$ 337,900  
 -Sewer Line Replacement:       \$ 215,200  
 Total                                **\$1,404,300**



Total Project Funds:		FY19	FY20	FY21	FY22	FY23	FY24	Total
Sources:								\$0
General Fund						\$75,000	\$776,200	\$851,200
Bonds/Lease								\$0
Grant								\$0
Enterprise Fund						\$25,000	\$528,100	\$553,100
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$100,000	\$1,304,300	\$1,404,300
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$1,404,300