



## CITY OF SOMERSWORTH, N.H.

### CITY COUNCIL

Matthew Spencer, Mayor

Martin Pepin, Ward 1  
Jennifer Soldati, Ward 2  
Marcel Hebert, Ward 3  
Jonathan McCallion, Ward 4  
Coty Donohue, Ward 5

Brian Tapscott, At Large  
David Witham, At Large  
Dale Sprague, At Large  
Robin Jarvis, At Large

### CITY MANAGER

Robert M. Belmore

### PLANNING BOARD MEMBERS

William Sweeney, Chair  
Anthony Delyani, Vice Chair  
David Witham, City Council Rep.  
Brian Tapscott, City Council Alt. Rep.  
Ernest Gallant  
Daniel Proulx

Robert M. Belmore, City Manager (CM)  
Paul Maskwa, Alternate  
Ron LeHoullier  
Paul Robidas  
Chris Cortez, Alternate

### DEPARTMENTS

Scott A. Smith, Director of Finance & Administration  
Dave Sharples, Director of Planning & Community Development  
Tom Willis, Director of Public Works & Utilities  
Dean Crombie, Chief of Police  
Keith Hoyle, Fire Chief

### SCHOOL BOARD

Ward 1: Jessica Paradis  
Ward 2: Dana Rivers  
Ward 3: Stephanie Riotto  
Ward 4: Bob Gibson  
Ward 5: Ken Bolduc

At Large: James Cowan  
At Large: Matthew Hanlon  
At Large: Don Austin, Chair  
At Large:

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

November 2013

# SOMERSWORTH, NEW HAMPSHIRE

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City of Somersworth  
One Government Way  
Somersworth, NH 03878



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

November 15, 2013

Memorandum of Transmittal

Dear Planning Board Members:

## **Preliminary Comments**

I am pleased to submit for your review and comment the Fiscal Year 2015–2020 Capital Improvement Plan (CIP) for the City of Somersworth. The purpose of this Plan is to assist the City Council and Community in knowing several years in advance just what capital expenditures will have to be planned for to meet City needs in order to maximize the most efficient use of taxpayer resources and to stabilize the tax rate to the greatest extent possible. Additionally, the CIP serves as a management planning tool that will benefit the Council as it reviews and adopts the City's Annual Budget and works towards balancing competing improvement goals while maintaining a practical fiscal balance.

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**

As we prepare the annual CIP, we strive to be mindful of the City's Master Plan as well as our desire to incorporate sustainability efforts into our short and long term goals. The Master Plan is very much a part of our community's blueprint when considering capital improvement planning. Therefore, the FY15-20 CIP includes projects to implement a Tax Increment Finance District, update the Transportation Element of the Master Plan, and to revitalize the Plaza area on Main Street. The CIP will also include sustainability efforts wherever possible. The CIP does include the concept of a new Fire Station. Any designs for this facility should consider available renewable energy such as solar, geothermal, etc. The design should also include green technologies that improve building efficiencies by considering types of building materials, windows, lighting, and the like. In addition, a consideration when funding any vehicle replacements should be the use of new and improving energy and emission efficiency standards.

The City also continues to place a high priority on planning improvements to our roads, sidewalks and utility infrastructure. As such, the City is in the process of updating the road surface management survey which will be used to prioritize road improvements by condition, traffic volume, traffic patterns, and other conditions. We hope to use today's technology in this effort to capture a real-life picture of our roads and associated road infrastructure assets. A road improvement bond issued in 1998 will mature this fiscal year, and the City will be considering issuing a replacement bond for road improvements. This strategy of replacing debt as it expires will minimize the impact of new debt on the tax rate. Additionally, the City has recently completed an engineering study of its water distribution and standpipe/water tank infrastructure and the CIP will begin to capture proposed funding for needed repairs and improvements. A similar methodology is envisioned to further evaluate our sewer infrastructure as well as proposing funding for identified needed improvements.

### **Guidelines**

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

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

- An inflationary value of 3% per year has been applied to project estimates beyond fiscal year 2015.
- 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.

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Re: Capital Improvement Program  
FY 2015-2020

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 dark ink, appearing to read "Robert M. Belmore", with a long horizontal flourish extending to the right.

Robert M. Belmore, ICMA-CM  
City Manager



CAPITAL IMPROVEMENT PROGRAM  
Capital Improvement Projects by Division

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Letter of Transmittal

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## PUBLIC SAFETY DEPARTMENTS

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- Thermal Imager Camera (TIC)
- New Fire Station
- Forestry Vehicle Replacement
- Self Contained Breathing Apparatus (SCBA)
- Replace 1995 Pumper
- Replace Portable Radios
- Mobile Radios
- Replace AMKUS Rescue Tool (Jaws of Life)
- IT-Based Fire Inspection/Emergency Reporting

### *H Police Department*

- Police Cruiser(s)

## PUBLIC WORKS DEPARTMENT

### *J Public Works Department*

- Survey and Extend Iron Fence Around Forest Glade Cemetery
- Plow Truck #304
- Replacement of One-Ton Dump Truck #205
- Combination Plow Truck # 303
- Maple Street Culvert Replacement
- Replacement of One-Ton Dump Truck# 201
- Replacement of One-Ton Dump Truck # 202
- Road Resurfacing
- Pavement Rehabilitation/Reconstruction
- Constitutional Way Sidewalk Improvements
- Street Reconstruction Associated with Utility Work
- Combination Plow Truck # 306
- Emergency Generator-Public Works
- Eddy Bridge (Rochester St./Salmon Falls Rd.) Improvements

## SCHOOL DEPARTMENT

### *K School Department*

- District Wide-HVAC, Ventilation Design, Plan Specifications
- High School-Asbestos Flooring Replacement
- Middle School – Replace Boilers & Controls 1 through 5
- Middle School – Locker Replacement
- Maple Wood – Bathroom Renovations
- Career Technical Center – Renovation
- Maple Wood Elementary – Relocate/Renovate Main Office
- Middle School-Repairs to Exterior Walls of 1962 Section &  
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- Middle School – Re-Hab Bathroom/Including ADA Imp

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One Ton Utility Truck

# **City of Somersworth, NH**

## **Capital Improvements Program**

### **FY 2015-2020**

#### ***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) 2015, 2016, 2017, 2018, 2019 and 2020. FY 2015 begins on July 1, 2014 and ends on June 30, 2015. 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

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

Section	Project by Division	Funding Source	Priority Dept. Manager	FY15	FY16	FY17	FY18	FY19	FY20	Totals FY15-FY20
	<b>ECONOMIC DEVELOPMENT AND PLANNING DEPT.</b>									
	Division of Economic Dev, Planning, Code Enforcement									
A	Tax Increment Financing District (TIF) Implementation	G/F Op	II III	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
A	Master Plan Update - Transportation Element	G/F Op	II III	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
A	Plaza Revitalization - Main St. Buildings	G/F Op/Grant	III III	\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000
A	Replacement Vehicles for Code Enforcement	G/F Op	III III	\$0	\$0	\$20,000	\$20,000	\$0	\$0	\$40,000
A	Growth and Development Strategy	G/F Op	III III	\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000
	<b>DIV. OF ECONOMIC DEV, PLANNING, CODE ENF. TOTALS</b>			<b>\$15,000</b>	<b>\$25,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$140,000</b>
	<b>CITY OWNED PROPERTY/BUILDING DIVISION</b>									
B	Back up Generator - City Hall	Grant/Escrow	II II	\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000
B	Waterproofing City Hall	G/F Op	I I	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
B	HVAC System Control Upgrade - City Hall	G/F Op	II II	\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000
	<b>CITY OWNED PROPERTY/BUILDING DIVISION TOTALS</b>			<b>\$64,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$64,000</b>
	<b>RECREATION DIVISION</b>									
C	Millennium Park Lighting Repair Program	G/F Op	II III	\$0	\$0	\$29,500	\$0	\$0	\$0	\$29,500
C	Noble Pines Ballfield Enhancement Project	G/F Op	III III	\$0	\$0	\$0	\$0	\$0	\$43,000	\$43,000
	<b>RECREATION DIVISION TOTALS</b>			<b>\$0</b>	<b>\$0</b>	<b>\$29,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,000</b>	<b>\$72,500</b>
	<b>DEVELOPMENT SERVICES DEPT. TOTALS</b>			<b>\$79,000</b>	<b>\$25,000</b>	<b>\$49,500</b>	<b>\$20,000</b>	<b>\$60,000</b>	<b>\$43,000</b>	<b>\$276,500</b>
	<b>CITY MANAGER/FINANCE DEPARTMENT</b>									
	City Manager - Finance & Administration									
D	City Manager Vehicle Replacement	G/F Op	III III	\$0	\$0	\$0	\$0	\$0	\$34,000	\$34,000
E	Financial Software Upgrade	G/F Op & E/F	II II	\$200,000	\$0	\$0	\$0	\$0	\$0	\$200,000
E	Replacement Equipment - Server/Network	G/F Op	III III	\$0	\$0	\$0	\$12,000	\$0	\$0	\$12,000
	<b>CITY MANAGER/FINANCE DEPARTMENT TOTALS</b>			<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,000</b>	<b>\$0</b>	<b>\$34,000</b>	<b>\$246,000</b>

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

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

Section	Project by Division	Funding Source	Priority Dept.	Manager	FY15	FY16	FY17	FY18	FY19	FY20	Totals FY15-FY20
<b>PUBLIC SAFETY-FIRE DEPARTMENT</b>											
G	Thermal Imaging Camera	G/F Op - Grant	I	II	\$13,650	\$0	\$0	\$0	\$0	\$0	\$13,650
G	New Fire Station	G/F Op - Bond	I	I	\$165,000	\$3,300,000	\$0	\$0	\$0	\$0	\$3,465,000
G	Forestry Vehicle Replacement	G/F Op	II	II	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
G	Self Contained Breathing Apparatus	G/F Op	I	I	\$55,764	\$48,546	\$43,200	\$0	\$0	\$0	\$147,510
G	Replace 1995 Pumper	Lease	II	II	\$0	\$0	\$0	\$0	\$600,000	\$0	\$600,000
G	Replace Portable Radios	G/F Op	I	I	\$36,000	\$28,000	\$28,000	\$28,000	\$0	\$0	\$120,000
G	Mobile Radios	G/F Op	II	III	\$0	\$0	\$0	\$0	\$68,000	\$0	\$68,000
G	Replace AMKUS Rescue Tool (Jaws of Life)	G/F Op	I	I	\$27,000	\$0	\$0	\$0	\$0	\$0	\$27,000
G	IT-based fire inspection/emergency reporting	G/F Op	II	II	\$0	\$0	\$0	\$31,223	\$0	\$0	\$31,223
	<b>Public Safety - Fire Dept. Total</b>				<b>\$297,414</b>	<b>\$3,476,546</b>	<b>\$71,200</b>	<b>\$59,223</b>	<b>\$668,000</b>	<b>\$0</b>	<b>\$4,572,383</b>
<b>PUBLIC SAFETY-POLICE DEPARTMENT</b>											
H	Police Cruiser(s)	G/F Op	I	I	\$69,550	\$36,250	\$75,595	\$34,125	\$71,663	\$37,623	\$324,806
	<b>Public Safety - Police Dept. Total</b>				<b>\$69,550</b>	<b>\$36,250</b>	<b>\$75,595</b>	<b>\$34,125</b>	<b>\$71,663</b>	<b>\$37,623</b>	<b>\$324,806</b>
<b>PUBLIC WORKS DEPARTMENT</b>											
J	Survey and extend iron fence around Forest Glade Cemetery	G/F Op	II	III	\$0	\$0	\$12,500	\$75,000	\$0	\$0	\$87,500
J	Plow Truck No. 304	Lease	I	II	\$165,000	\$0	\$0	\$0	\$0	\$0	\$165,000
J	Replacement of One-Ton Dump Truck No. 205	Lease	II	II	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
J	Combination Plow Truck No. 303	Lease	II	II	\$0	\$0	\$165,000	\$0	\$0	\$0	\$165,000
J	Maple Street Culvert Replacement	G/F Op - Grant	I	I	\$161,955	\$0	\$0	\$0	\$0	\$0	\$161,955
J	Replacement of One-Ton Dump Truck No. 201	Lease	II	II	\$0	\$0	\$0	\$80,000	\$0	\$0	\$80,000
J	Replacement of One-Ton Dump Truck No. 202	Lease	II	II	\$0	\$0	\$0	\$0	\$0	\$55,000	\$55,000
J	Road Resurfacing	G/F Op	I	I	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
J	Pavement Rehabilitation / Reconstruction	Bond	I	I	\$1,000,000	\$0	\$1,500,000	\$0	\$0	\$0	\$2,500,000
J	Constitutional Way Sidewalk Improvements	G/F Op	II	II	\$0	\$180,000	\$0	\$0	\$0	\$0	\$180,000
J	Street Reconstruction Associated with Utility Work	G/F Op - Bond	I	II	\$0	\$114,000	\$765,000	\$100,000	\$660,000	\$70,000	\$1,709,000
J	Combination Plow Truck No. 306	Lease	II	II	\$0	\$0	\$0	\$0	\$165,000	\$0	\$165,000
J	Emergency Generator - Public Works	G/F Op - Grant	II	II	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
J	Eddy Bridge (Rochester St./Salmon Falls Road) Improvements	G/F Op	II	II	\$0	\$5,000	\$50,000	\$0	\$0	\$0	\$55,000
	<b>PUBLIC WORKS DEPARTMENT TOTAL</b>				<b>\$1,751,955</b>	<b>\$674,000</b>	<b>\$2,947,500</b>	<b>\$630,000</b>	<b>\$1,200,000</b>	<b>\$500,000</b>	<b>\$7,703,455</b>
	<b>TOTAL CITY - GENERAL FUND</b>				<b>\$2,397,919</b>	<b>\$4,211,796</b>	<b>\$3,143,795</b>	<b>\$755,348</b>	<b>\$1,999,663</b>	<b>\$614,623</b>	<b>\$13,123,144</b>



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

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

Section	Project by Division	Funding Source /% Reimbursable	Priority		FY15	FY16	FY17	FY18	FY19	FY20	Totals FY15-FY20
			SAU	B, G & T							
	<b>SCHOOL DEPARTMENT</b>										
K	District Wide - HVAC, Ventilation Design, Plan & Specifications		I	I	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$100,000	\$1,600,000
K	High School - Asbestos Flooring Replacement		I	I	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$321,000
K	Middle School - Replace Boilers and Controls 1 through 5		I	I	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$500,000
K	Middle School - Locker Replacement		I	I	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
K	Maple Wood - Bathroom Renovations		II	II	\$0	\$370,000	\$0	\$0	\$0	\$0	\$370,000
K	Career Technical Center - Renovation		III	III	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000
K	Maple Wood Elementary - Relocate/Renovate Main Office		IV	IV	\$0	\$0	\$0	\$0	\$726,000	\$0	\$726,000
K	Middle School - Repairs to Exterior walls of 1962 Section & Doors/Windows		IV	IV	\$0	\$0	\$0	\$0	\$255,000	\$0	\$255,000
K	Middle School - Re-Hab Bathrooms/Including ADA Imp		V	V	\$0	\$0	\$0	\$0	\$0	\$416,000	\$416,000
	<b>SCHOOL DEPARTMENT TOTAL</b>				<b>\$533,500</b>	<b>\$823,500</b>	<b>\$1,953,500</b>	<b>\$453,500</b>	<b>\$1,434,500</b>	<b>\$569,500</b>	<b>\$5,768,000</b>
Section	Project by Division		Priority		FY15	FY16	FY17	FY18	FY19	FY20	Totals FY15-FY20
			Dept.	Manager							
	<b>CAPITAL IMPROVEMENT PROGRAM GENERAL FUND TOTALS</b>				<b>\$2,931,419</b>	<b>\$5,035,296</b>	<b>\$5,097,295</b>	<b>\$1,208,848</b>	<b>\$3,434,163</b>	<b>\$1,184,123</b>	<b>\$18,891,144</b>
	<b>CURRENT CITY DEBT SCHEDULE (P&amp;I)</b>				<b>\$921,746</b>	<b>\$885,823</b>	<b>\$689,019</b>	<b>\$583,362</b>	<b>\$555,314</b>	<b>\$532,959</b>	<b>\$4,168,223</b>
	<b>CURRENT SCHOOL DEB SCHEDULE (P&amp;I)</b>				<b>\$1,997,167</b>	<b>\$1,968,985</b>	<b>\$1,945,716</b>	<b>\$1,656,446</b>	<b>\$1,648,721</b>	<b>\$1,513,114</b>	<b>\$10,730,149</b>
	<b>TOTAL - GENERAL FUND CIP &amp; DEBT SERVICE</b>				<b>\$5,850,332</b>	<b>\$7,890,104</b>	<b>\$7,732,030</b>	<b>\$3,448,656</b>	<b>\$5,638,198</b>	<b>\$3,230,196</b>	<b>\$33,789,516</b>

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

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

Section	Project by Division		Priority Dept.	Manager	FY15	FY16	FY17	FY18	FY19	FY20	Totals FY15-FY20
<b>ENTERPRISE WATER FUND</b>											
L	Water Main on Main St.	E/F Op Bonds	II	II	\$0	\$115,000	\$885,000	\$0	\$0	\$0	\$1,000,000
L	Replacement of Water Main on Cemetery Rd	E/F Op Bonds	II	II	\$0	\$0	\$0	\$0	\$0	\$90,000	\$90,000
L	Water Distribution Improvements - Indigo Hill Road - Green Street to Rita Road	E/F Op Bonds	II	II	\$0	\$0	\$0	\$120,000	\$920,000	\$0	\$1,040,000
L	Rocky Hill Road Water Tank Maintenance Program	E/F Op Bonds	I	II	\$35,000	\$330,000	\$0	\$0	\$0	\$0	\$365,000
L	Noble Pines Water Tank Replacement	E/F Op	I	II	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
L	SCADA Software Upgrade - Water Treatment Plant	E/F Op	II	II	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
L	Water Treatment Plant Pump Upgrade Program	E/F Op	III	II	\$0	\$81,500	\$0	\$0	\$0	\$0	\$81,500
L	Replacement Vehicle for Water Treatment Plant	E/F Op	II	II	\$0	\$0	\$0	\$0	\$22,000	\$0	\$22,000
L	Replacement Truck for Water Distribution - Truck 101	E/F Op	II	II	\$0	\$0	\$0	\$48,500	\$0	\$0	\$48,500
	<b>TOTAL - WATER FUND</b>				<b>\$70,000</b>	<b>\$526,500</b>	<b>\$885,000</b>	<b>\$168,500</b>	<b>\$1,042,000</b>	<b>\$90,000</b>	<b>\$2,782,000</b>
<b>ENTERPRISE SEWER FUND</b>											
M	Sewer Collection System Evaluation Associated with New Sewer Discharge Permit	E/F Op	II	II	\$62,000	\$0	\$0	\$0	\$0	\$0	\$62,000
M	Sewer Work Associated Proposed Water Distribution Projects	E/F Op Bonds	II	II	\$0	\$75,000	\$583,000	\$108,000	\$725,000	\$63,000	\$1,554,000
M	Blackwater Road Pump Station Improvements	E/F Op Bonds	III	I	\$383,000	\$218,000	\$0	\$0	\$0	\$0	\$601,000
M	Small Payloader to replace Tractor	E/F Op	III	III	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
M	SCADA Software Upgrade - Wastewater Treatment Plant	E/F Op	II	II	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000
M	One Ton Utility Truck	E/F Op	III	II	\$0	\$0	\$55,000	\$0	\$0	\$0	\$55,000
	<b>TOTAL - SEWER FUND</b>				<b>\$480,000</b>	<b>\$293,000</b>	<b>\$738,000</b>	<b>\$108,000</b>	<b>\$725,000</b>	<b>\$63,000</b>	<b>\$2,407,000</b>
	<b>CURRENT ENTERPRISE FUND DEBT SCHEDULE (P&amp;I)</b>				<b>\$1,541,386</b>	<b>\$1,505,048</b>	<b>\$1,475,455</b>	<b>\$1,392,173</b>	<b>\$1,365,195</b>	<b>\$1,333,568</b>	<b>\$8,612,825</b>
	<b>ENTERPRISE FUNDS TOTAL</b>				<b>\$2,091,386</b>	<b>\$2,324,548</b>	<b>\$3,098,455</b>	<b>\$1,668,673</b>	<b>\$3,132,195</b>	<b>\$1,486,568</b>	<b>\$13,801,825</b>
	<b>ALL FUNDS TOTAL</b>				<b>\$7,941,718</b>	<b>\$10,214,652</b>	<b>\$10,830,485</b>	<b>\$5,117,329</b>	<b>\$8,770,393</b>	<b>\$4,716,764</b>	<b>\$47,591,341</b>

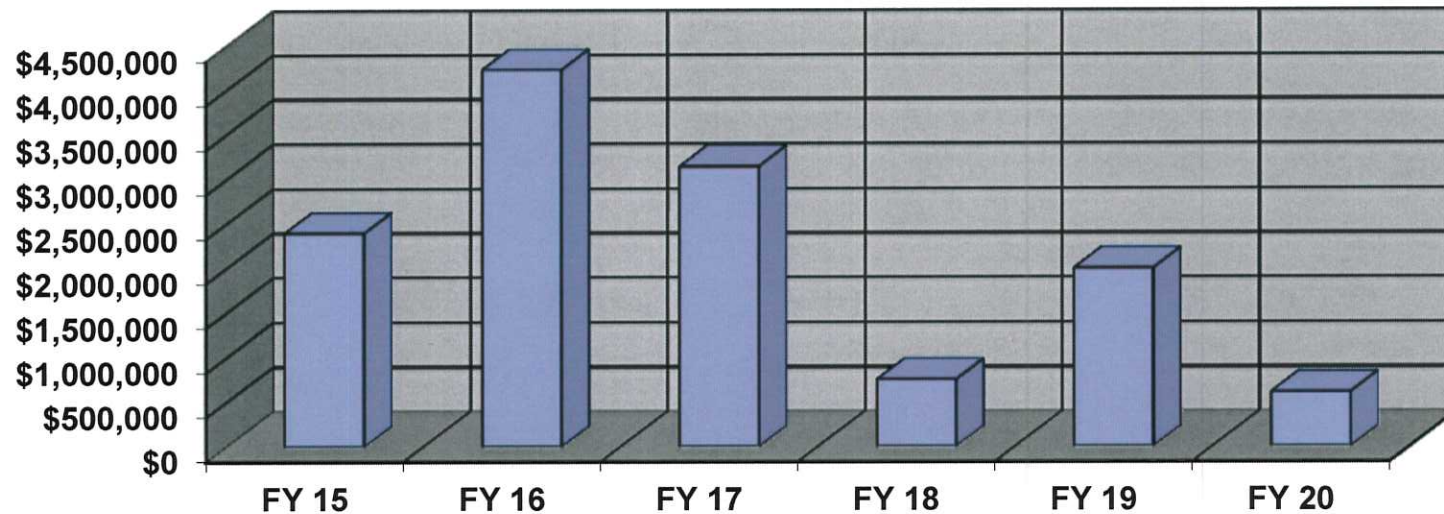
**SOMERSWORTH CIP - SUMMARY**

Section	Project by Division			FY15	FY16	FY17	FY18	FY19	FY20	Totals FY15-FY20
	<b>CIP TOTAL - CITY GENERAL FUND</b>			<b>\$2,397,919</b>	<b>\$4,211,796</b>	<b>\$3,143,795</b>	<b>\$755,348</b>	<b>\$1,999,663</b>	<b>\$614,623</b>	<b>\$13,123,144</b>
	<b>CIP TOTAL - SCHOOL DEPARTMENT</b>			<b>\$533,500</b>	<b>\$823,500</b>	<b>\$1,953,500</b>	<b>\$453,500</b>	<b>\$1,434,500</b>	<b>\$569,500</b>	<b>\$5,768,000</b>
	<b>CIP TOTAL - CITY ENTERPRISE FUNDS</b>			<b>\$550,000</b>	<b>\$819,500</b>	<b>\$1,623,000</b>	<b>\$276,500</b>	<b>\$1,767,000</b>	<b>\$153,000</b>	<b>\$5,189,000</b>
	<b>CIP TOTAL - ALL FUNDS</b>			<b>\$3,481,419</b>	<b>\$5,854,796</b>	<b>\$6,720,295</b>	<b>\$1,485,348</b>	<b>\$5,201,163</b>	<b>\$1,337,123</b>	<b>\$24,080,144</b>
	<b>DEBT SERVICE TOTAL - ALL FUNDS</b>			<b>\$4,460,299</b>	<b>\$4,359,856</b>	<b>\$4,110,190</b>	<b>\$3,631,981</b>	<b>\$3,569,230</b>	<b>\$3,379,641</b>	<b>\$23,511,197</b>
	<b>TOTAL - ALL FUNDS CIP &amp; DEBT SERVICE</b>			<b>\$7,941,718</b>	<b>\$10,214,652</b>	<b>\$10,830,485</b>	<b>\$5,117,329</b>	<b>\$8,770,393</b>	<b>\$4,716,764</b>	<b>\$47,591,341</b>

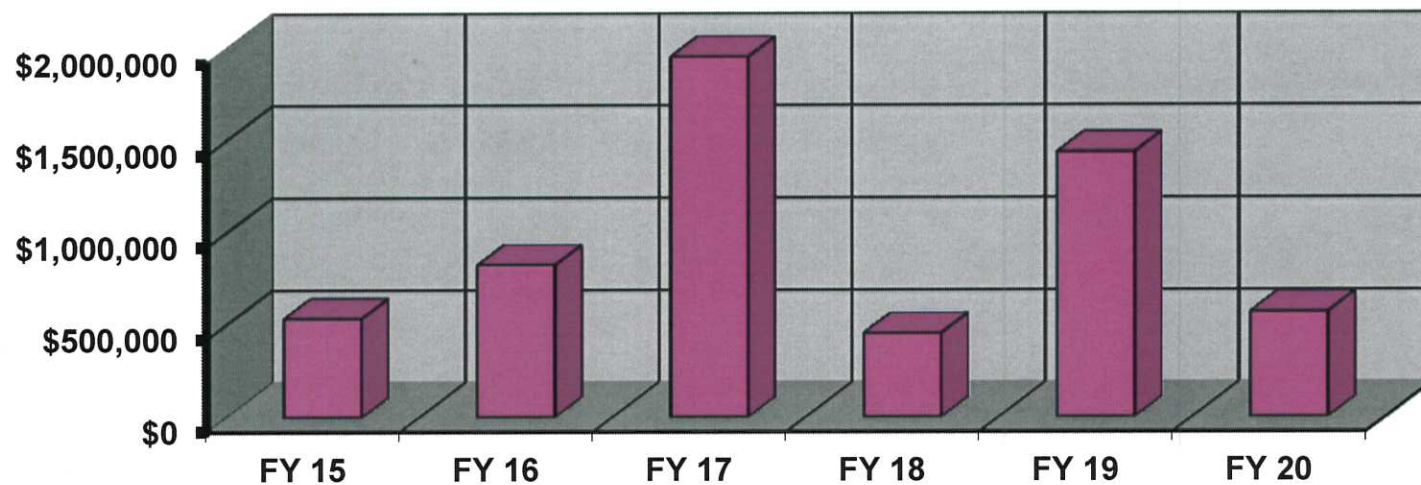
**FY15 CITY CIP - FUNDING SUMMARY**

Funding Category	FY14
General Fund - Bonds/Lease	\$1,310,000
General Fund - Other (Escrow)	\$8,500
General Fund - Grants	\$131,450
General Fund - Operating Budget	\$1,391,469
<b>City General Fund CIP</b>	<b>\$2,841,419</b>

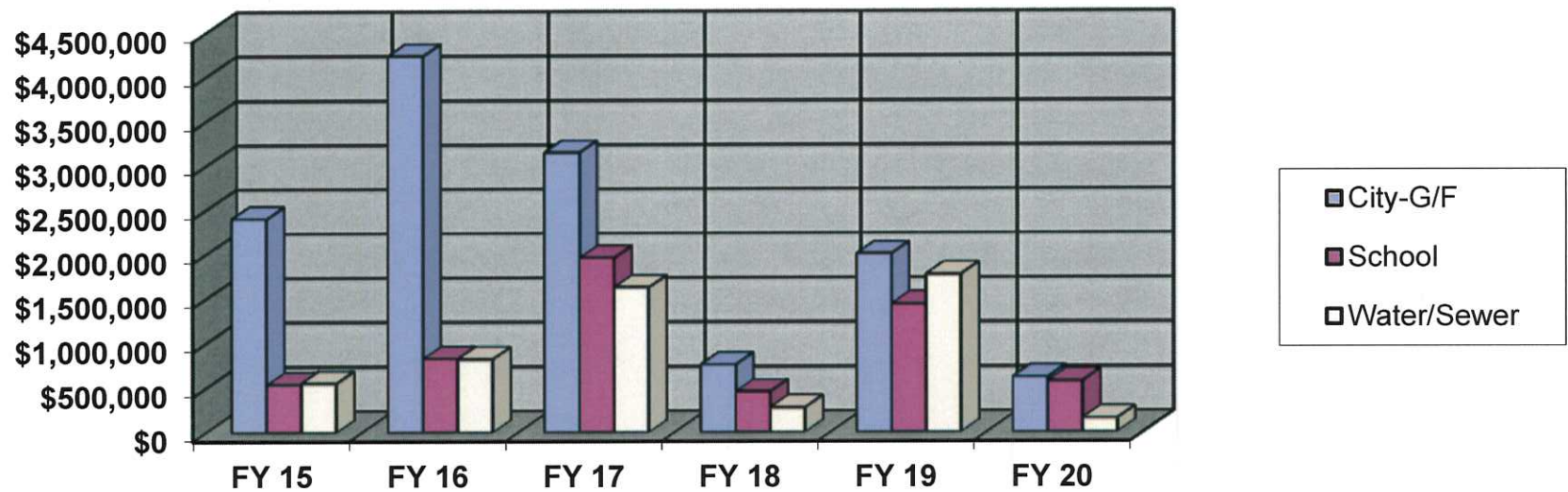
### City CIP - Requests G/F Totals by Year



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



## CIP - Requests Totals by Fiscal Year





**City of Somersworth, New Hampshire  
Computation of Legal Debt Margin  
June 30, 2013**

**DRA Certified Base Valuation for Debt Limit** \$ 799,684,815

**General Fund debt limit - 3% of Base Valuation:** **\$ 23,990,544**

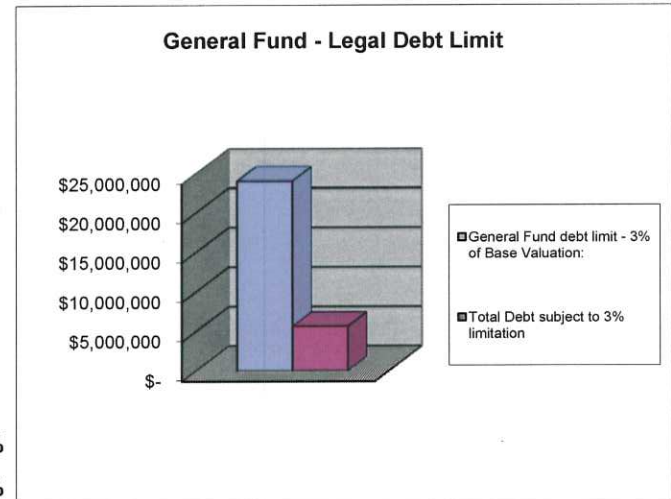
Gross G/F Bonded debt June 30, 2013	3,274,900	
Add:		
Authorized but Unissued Resolution	2,590,000	
Less:		
Landfill	<u>250,000</u>	5,614,900

**Total Debt subject to 3% limitation** 5,614,900

**Legal Debt Margin** \$ 18,375,644

23%

77%



**School District debt limit - 7% of Base Valuation:** **\$ 55,977,937**

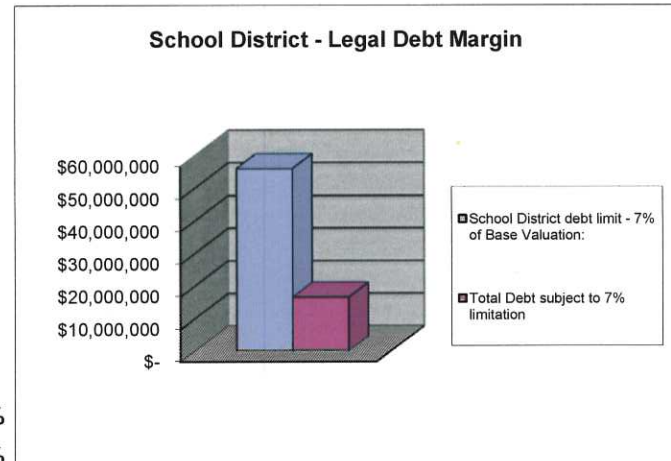
Gross School Bonded debt June 30, 2013	15,314,387	
Add:		
Authorized but Unissued Resolution	1,280,000	
	<u>16,594,387</u>	

**Total Debt subject to 7% limitation** 16,594,387

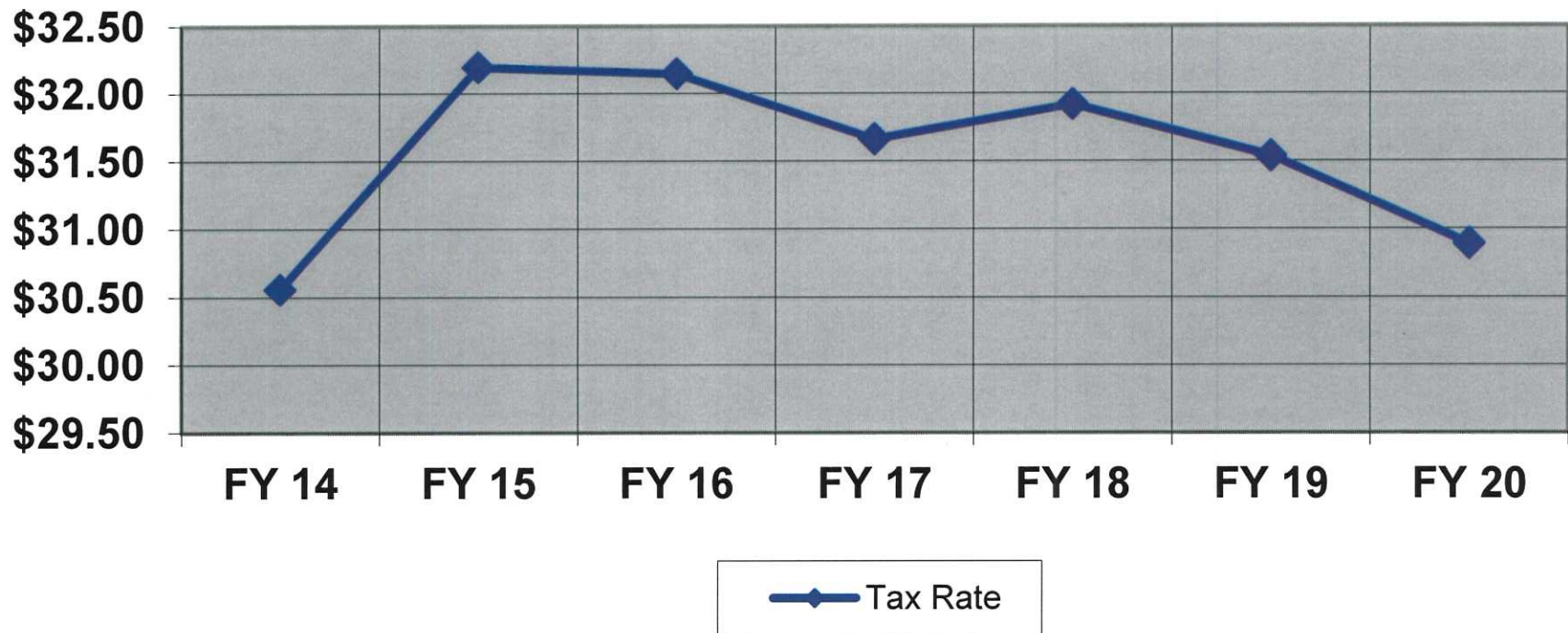
**Legal Debt Margin** \$ 39,383,550

30%

70%

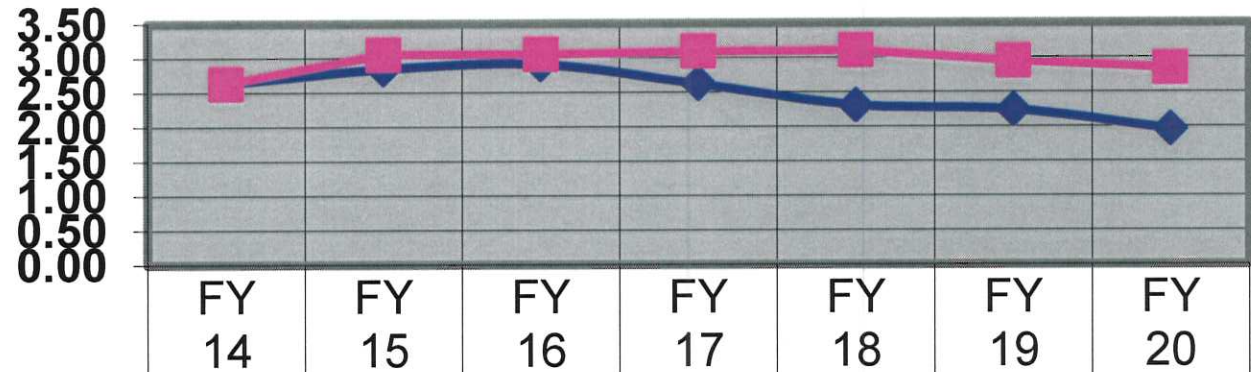


**Estimated Impact on Tax Rate  
of Proposed CIP by Fiscal Year**



## Impact of Proposed CIP on Debt Payments

Debt Payments as Portion of Tax  
Rate



◆ Current Debt	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20
■ Proposed CIP	\$2.63	\$2.84	\$2.90	\$2.61	\$2.30	\$2.23	\$1.95
	\$2.63	\$3.05	\$3.05	\$3.08	\$3.10	\$2.94	\$2.84

◆ Current Debt      ■ Proposed CIP

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



DATA ENTRY FORM #A1

Project Title:	<b>Tax Increment Financing District (TIF) Implementation</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	Dave Sharples	September 12, 2013	II	\$15,000	

**1. General Project Description?** As the City moves forward and demands for additional infrastructure and physical improvements are required as part of a revitalized Downtown area, there is a need to secure additional "tools" to enhance and foster private development in this area. Staff will conduct an initial property inventory, and work with Council to formulate the necessary organizational structure. Once the initial work is complete, staff will be soliciting proposals for specific analysis.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This is an economic development initiative that will foster mixed use development and additional development in the City's core. The creation of this district can assist the City in funding infrastructure improvements to the downtown area such as streetscaping. It can provide leverage and incentive for development of under utilized parcels of land. Current redevelopment projects including the Downtown Improvement Project, the Route 9 Bridge Project, and the transportation enhancement grant combined with a TIF district are attractive incentives for private development. The TIF district would seek to add to this momentum by continuing enhancements in other areas of downtown.

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

If NOT, How was the need previously met? New initiative for consideration.

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

Received two verbal quotes from planning consulting firms.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$15,000						\$15,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$15,000	\$0	\$0	\$0	\$0	\$0	\$15,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$15,000

DATA ENTRY FORM #A2

Project Title:	<b>Master Plan Update - Transportation Element</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Development Services</b>	<b>Dave Sharples</b>	<b>September 24, 2013</b>	<b>II</b>	<b>\$25,000</b>	

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

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** The goal of this project would be to identify and prioritize specific improvements to the City's transportation network that would result in a transportation system that allowed people, goods, and services to move more efficiently and effectively throughout the community. Projects that are identified in the Master Plan are generally more competitive in accessing grant funds. In addition these projects are more likely to be listed on the State's Ten Year Plan and Long Range Plan that can provide funding.

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

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

Identifying and prioritizing specific transportation improvements is not part of the current Master Plan. The need was previously met by conducting transportation studies in small areas throughout the City such as the southern portion of the High Street corridor and the downtown and requiring transportation studies for site specific projects.

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

Will solicit bids based on qualifications and develop specific scope of services in the future.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund			\$25,000					\$25,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$25,000	\$0	\$0	\$0	\$0	\$25,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$25,000



Project Title:	<b>Plaza Revitalization - Main St. Buildings</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Development Services</b>	<b>Dave Sharples</b>	<b>October 16, 2013</b>	<b>III</b>	<b>\$30,000</b>	

**1. General Project Description?** Goal 1.12 of the City's Master Plan states: "Revitalization of the downtown Somersworth Plaza to encourage new buildings directly on Main Street that add a mix of retail, office, and residential opportunities..." This proposal is to conduct a feasibility study on the construction of new buildings in this area.

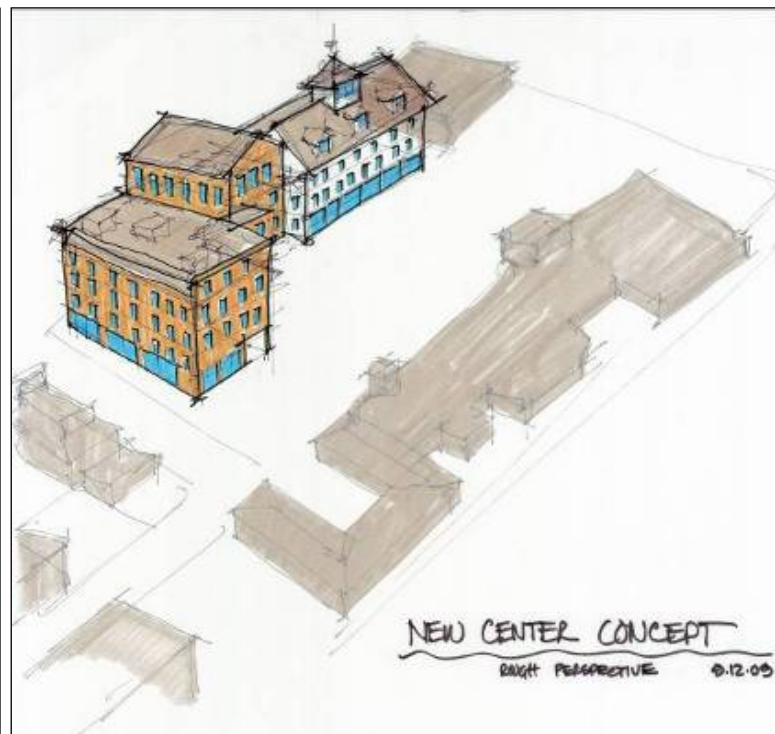
**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Infill development along this corridor will provide new taxable properties that will provide additional commercial space and residential units within the urban core.

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

**If NOT, How was the need previously met?** There are no buildings along Main Street in the target area at this time. However, there were buildings there until they were torn down during an urban renewal project in the 1960's.

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

Received verbal quote from local planning firm.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund						\$30,000		\$30,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		
						\$30,000		

DATA ENTRY FORM #A5

Project Title:	<b>Replacement Vehicles for Code Enforcement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	<b>Dave Sharples</b>	<b>October 16, 2013</b>	<b>III</b>	<b>\$40,000</b>	

**1. General Project Description:**

Purchase fuel efficient replacement vehicles for Building Inspection and Code Enforcement. City has maintained practice of downshifting police cruisers for this purpose, however that has become unreliable and impacts effective and efficient enforcement.

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

This will change the City's practice of utilizing retired police cruisers that can be unreliable and expensive to maintain. Switching to more efficient vehicles will reduce fuel costs and lower carbon emissions.

**3. Is this a replacement item?** Yes. It will replace the retired police cruisers in use at the time of the improvement.

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

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

Based on current cost of similar type vehicles; two (2) fuel efficient vehicles. (Est. \$20,000 X 2 = \$40,000).



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund				\$20,000	\$20,000			\$40,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$20,000	\$20,000	\$0	\$0	\$40,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$40,000

Project Title:	<b>Growth and Development Strategy</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Development Services</b>	<b>Dave Sharples</b>	<b>October 16, 2013</b>	<b>III</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:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund						\$30,000		\$30,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$30,000

DATA ENTRY FORM B1

Project Title:	<b>Back up Generator - City Hall</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	Dave Sharples	October 16, 2013	II	\$17,000	

**1. General Project Description:**

Purchase back up generator for City Hall to power 2nd floor, more specifically the AV room to keep computer network available for e-mail and other communication such as Cable TV channel 22 available for broadcasting information to citizens.

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

Maintains communications during an emergency in the event a loss of power occurs.

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

**If NOT, how was the need previously met?** New initiative to keep communications available during power outages.

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

Hank Feenstra - \$17,000



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant		\$8,500						\$8,500
Enterprise Fund								\$0
Other		\$8,500						\$8,500
	<b>Totals</b>	\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$17,000

DATA ENTRY FORM B2

Project Title:	<b>Waterproofing City Hall</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	<b>Dave Sharples</b>	<b>October 16, 2013</b>	<b>I</b>	<b>\$30,000</b>	

**1. General Project Description:** The caulking around the windows and granite facade at City Hall is failing. This caulking was installed approximately 35 years ago. There are two visible window leaks along the side facing Government Way and the water enters the building during rain events. The granite facade has some staining which is indicative of water getting behind the facade.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This is a maintenance issue that will avoid future water damage to the building and potentially higher replacement costs.

**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.** Received two written quotes from contractors.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$30,000						\$30,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$30,000



DATA ENTRY FORM #B3

Project Title:	<b>HVAC System Control Upgrade - City Hall</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	Dave Sharples	October 16, 2013	II	\$17,000	

**1. General Project Description?** The existing control system for the City Hall HVAC system is 11 years old and the useful life of these systems is 12-15 years. This proposal will replace two proprietary controllers to improve the serviceability of the system, allow remote access to identify problems as they arise, and make the system more reliable and efficient. The current system is incapable of remote access and a technician must come to City Hall to diagnose issues. This proposal will also allow the replacement of the system over time in small increments to attempt to avoid a complete replacement at one time.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This proposal makes it easier to replace components as they fail with controllers from a variety of manufacturers (Honeywell, Johnson, Distech, Circon, Invensys, Siemens and others) and is serviceable by most control specialists. It will also allow identifying issues as soon as they arise to reduce the length of heating and cooling problems.

**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.**  
Received written quote from McGuire Controls



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$17,000						\$17,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$17,000	\$0	\$0	\$0	\$0	\$0	\$17,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$17,000

DATA ENTRY FORM #C1

Project Title:	<b>Millennium Park Lighting Repair Program</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	<b>Dave Sharples</b>	<b>October 16, 2013</b>	<b>II</b>	<b>\$29,500</b>	

**1. General Project Description?** There are 8 light poles in this park that require scraping, priming, and painting. The poles are 55' in height. Concrete base on each pole needs to be replaced.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Repair to the City's parks has been a recognized priority and considered a long term investment in the City's infrastructure. These improvements will assure a continued investment in the City's infrastructure. Failure to make these improvements will result in higher replacement costs. Staff have researched more energy efficient lighting, such as LED lighting, however, the technology for an athletic field application is still several years away.

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

**If NOT, How was the need previously met?** These features are consistent with the original Park layout and have not been upgraded since original installation.

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

Peak Painting cost \$10,000  
Concrete Base \$17,500  
Contingency \$ 2,000



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund				\$29,500				\$29,500
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$29,500	\$0	\$0	\$0	\$29,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$29,500



DATA ENTRY FORM C2

Project Title:	<b>Noble Pines Ballfield Enhancement Project</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Development Services	Dave Sharples	October 16, 2013	III	\$43,000	

**1. General Project Description?** This project would make significant improvements to the Noble Pines ballfield area by replacing the backstop, adding seating, and the development of an esplanade that would connect the seating and provide improved access to the concession stand.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** This project will improve the Noble Pines ballfield area by providing increased seating capacity and access to the concession stand. It will result in an even higher quality place to enjoy a ballgame.

**3. Is this a replacement item?** Yes in part and No in part  
**If NOT, How was the need previously met?** The backstop would be a replacement item. The current access to the concession stand is over sloped ground and there are only three wooden benches and several metal benches to sit and watch the game but they are also accessed over sloped ground. Currently visitors have to navigate over the sloped grass areas to access seating and the concession stand. Current visitors also sit on the grass to watch an event.

**4. List name of Firm and price of quotes received.**  
 No formal quotes but determined pricing based on research  
 Seating - \$3,000  
 Backstop - \$15,000  
 Esplanade - \$25,000 (based on City Engineer estimate)



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund							\$43,000	\$43,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$43,000	\$43,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$43,000

## DATA ENTRY FORM D1

Project Title:	<b>City Manager Vehicle Replacement</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
City Management	Robert Belmore	October 1, 2013	III	\$34,000

**1. General Project Description?** Replace City Manager's current city vehicle. Current vehicle is under a lease arrangement, donated by Somersworth KIA.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** City Manager vehicle, looking to purchase a hybrid vehicle. Attempts to conform to sustainability efforts.

**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.**

Vehicle used as an example is a Ford Fusion Hybrid. Current MSRP on these types of vehicles is \$29K plus.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund							\$34,000	\$34,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$34,000	\$34,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$34,000

DATA ENTRY FORM # E1

Project Title:	<b>Financial Software Upgrade</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Finance/Administration</b>	<b>Scott Smith</b>	<b>September 19, 2013</b>	<b>II</b>	<b>\$200,000</b>	

**1. General Project Description?** Upgrade Current Financial Software, including utility billing.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Improve efficiency, financial reporting, customer service. Most software systems are web-based, provide access to pre determined information in real time to staff, vendors, and citizens, residents may view utility billing information on-line. Improve staff integration to the financial system and improve controls, efficiency, and receive faster reporting.

**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.** General Estimate.

City of Dover - recent upgrade = \$329K (Includes School), assessed a cost of \$210,000 to City portion of the upgrade.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$120,000						\$120,000
Bonds								\$0
Grant								\$0
Enterprise Fund		\$80,000						\$80,000
Other								\$0
	<b>Totals</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			<b>\$200,000</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>September 19, 2013</b>	<b>III</b>	<b>\$12,000</b>	

**1. General Project Description?** Anticipated replacement equipment to keep City's server environment current. Fiscal Year 2012 budget included an appropriation to replace an old server with a virtual server which has since been accomplished.

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

**4. List name of Firm and price of quotes received.** Future quote based on current plus inflation.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund					\$12,000			\$12,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$12,000	\$0	\$0	\$12,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$12,000

DATA ENTRY FORM # G4

Project Title:	<b>Thermal Imaging Camera</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>FIRE</b>	<b>Keith Hoyle Fire Dept</b>	<b>September 11, 2013</b>	<b>I</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. We will continue to pursue grant funding as we did in FY 09, 10 & 11 through FEMA.

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

**If NOT, How was the need previously met?** Need was not met which left Firefighting crews at a disadvantage during firefighting operations.

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

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



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$12,285						\$12,285
Bonds								\$0
Grant		\$1,365						\$1,365
Lease								
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$13,650	\$0	\$0	\$0	\$0	\$0	\$13,650
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$13,650



DATA ENTRY FORM # G5

Project Title:	<b>New Fire Station</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>FIRE</b>	<b>Keith Hoyle Fire Dept</b>	<b>September 11, 2013</b>	<b>I</b>	<b>\$3,465,000</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. Existing crew quarters are unsafe due to a single means of egress, and the training area is deficient. Administrative office space is not conducive to modern business practices; shift supervisors do not have adequate office space or the ability to handle confidential personnel matters. Current Administration "Chief" Office is located off dispatch center and Administrative Assistant is located within dispatch center. Daily station activity creates high noise levels making it difficult to conduct normal administrative business. The existing facility does not have separate facilities for female employees.

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

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

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

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



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund	Preliminary Design	\$20,000						\$20,000
Bonds		\$145,000	3,300,000					\$3,445,000
Grant								\$0
Lease								
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	<b>\$165,000</b>	<b>\$3,300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,465,000</b>
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			<b>\$3,465,000</b>

DATA ENTRY FORM #G6

Project Title:	<b>Forestry Vehicle Replacement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle Fire Dept</b>	<b>October 4, 2013</b>	<b>II</b>	<b>\$100,000</b>	

**1. General Project Description?**

Ford F-550 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 12,000 Iraq combat miles which we purchased from another NH Fire Department. Replacement vehicle will have flatbed w/compartments for tool storage, 300 gallons of water and a pump designed for woodlands usage.

**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 the Berwick Fire Department who purchased a similar vehicle this year.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund			\$100,000					\$100,000
Bonds								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$100,000	\$0	\$0	\$0	\$0	\$100,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$100,000



Project Title:	<b>Self Contained Breathing Apparatus</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>FIRE</b>	<b>Keith Hoyle, Chief</b>	<b>September 11, 2013</b>	<b>I</b>	<b>\$191,866</b>	

**1. General Project Description? Replace 15 Self Contained Breathing Apparatus (SCBA)**

We have 25 Scott air packs (Self-contained Breathing Apparatus [SCBA]) on fire trucks. Each firefighter has his/her own facepiece which attaches to the SCBA for breathing air access. We also have 25 spare bottles – one for each SCBA. We last purchased them in 2003 with help from a federal FIRE Act grant. Their useful life is ten years

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** SCBA are used by firefighters to enter environments that are smoke and chemical filled providing clean breathing air during emergency operations. SCBA standards change frequently due to improved safety requirements for firefighter safety.

**3. Is this a replacement item?** Yes. This is a 4 year program as we are supplying 1 fire apparatus a year to stretch out the cost.  
**If NOT, How was the need previously met?**

**4. List name of Firm and price of quotes received.**  
Industrial Protection Services  
Wilmington, MA on a state contract.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$55,764	\$48,546	\$43,200				\$147,510
Bonds								\$0
Grant								\$0
Lease								
Enterprise Fund								\$0
Other								\$0
<b>Totals</b>		\$55,764	\$48,546	\$43,200	\$0	\$0	\$0	\$147,510
Commence FY:		Quarter:			<b>Prior Years' Funding</b>			\$44,376
					<b>Total Project</b>			\$191,886

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 4, 2013</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 24 years old with well over 60,000 road miles and considerable more engine hours while pumping. The new pumper will become the first-out unit, as Engine 1 will be over 6 years old and needs to be moved into second position.

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

With our small nucleus of career personnel, it is imperative that we provide efficient and safe equipment for them to perform their duties. We attempt to meet the industry standard of retiring fire apparatus after 20 years of service. With 4 major pieces of equipment, we should be purchasing one every five years.

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

If NOT, How was the need previously met? .

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

Recent pumper purchased with equipment approximately \$500,000. Estimate based on that, adjusted upwards for inflation.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund						\$600,000		\$600,000
Bonds								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$600,000	\$0	\$600,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$600,000

Project Title:	<b>Replace Portable Radios</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle, Fire Chief</b>	<b>Sept. 11, 2013</b>	<b>I</b>	<b>\$120,000</b>	

**1. General Project Description?**

Replace all the portable radios purchased in 2005 and 2006 through a NH Homeland Security grant. We have 28 units presently but with the additional call firefighters being added over time (20 total), we need to have 37 portable radios plus an additional unit on each fire apparatus - or 42 units total. Portable radios typically have an 8-10 year longevity. We propose to replace 10 per year over a four year span. Each radio costs \$2800. We will apply for a NH Homeland Security grant as well to reduce the cost to the City by 50%, if successful.

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

With our small nucleus of career personnel, it is imperative that we provide efficient and safe equipment for them to perform their duties. 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 are involved in.

**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 by Two-Way Communications at \$2800 per portable radio on state bid



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$36,000	\$28,000	\$28,000	\$28,000	\$0		\$120,000
Bonds								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	<b>\$36,000</b>	<b>\$28,000</b>	<b>\$28,000</b>	<b>\$28,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$120,000</b>
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		<b>\$120,000</b>

Project Title:	<b>Mobile Radios</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle Fire Dept</b>	<b>Sept. 11, 2013</b>	<b>II</b>	<b>\$68,000</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 \$8500 per apparatus. 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, this cost will be \$68,000. We will attempt to get NH Homeland Security to fund this purchase with their usual 50% match when the time comes.

**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.**

Verbal quote by two-Way Communications of \$68,000.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund						\$68,000		\$68,000
Bonds								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$68,000	\$0	\$68,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$68,000

Project Title:	<b>Replace AMKUS Rescue Tool (Jaws of Life)</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle Fire Dept</b>	<b>Sept 11,2013</b>	<b>I</b>	<b>\$27,000</b>	

**1.General Project Description:**

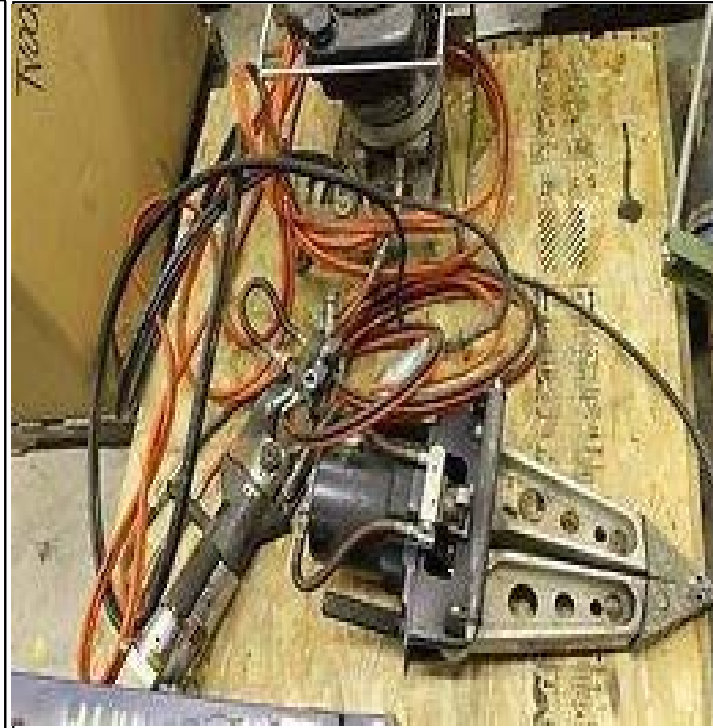
We have two rescue tools: a 20 year old unit now out of service and a unit purchased in 2006. The 2006 unit does not cut through tensile and boron steel used in the frames of new cars since 2008. Car design changed due to more stringent federal crash test guidelines. We need to upgrade our rescue tool to be able to deal with car accidents and industrial emergencies we face.

**2.How Will Expenditure Improve Service, Productivity or lower operating costs to the City of Somersworth?**

Having the capability to cut a vehicle apart to make a rescue of a trapped person is critical to our mission. This year we have encountered several situations where we could not slice through hardened steel at motor vehicle accidents to remove trapped occupants. The new tools also come with annual training by the manufacturer as well. There is a \$650 annual maintenance cost beginning in Year 2.

**3. Is This a Replacement Item?** Yes**4. Name of Firm and Quotes**

Fire Tech and Safety - AMKUS TOOL written quote for \$27,000 includes trade-in of 20 year old unit.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$27,000						\$27,000
Bonds								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$27,000	\$0	\$0	\$0	\$0	\$0	\$27,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$27,000

DATA ENTRY FORM G13

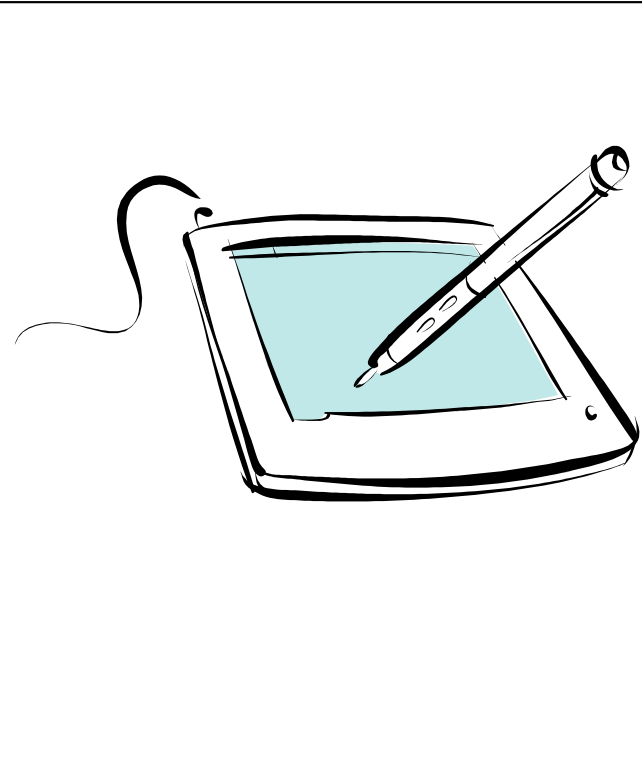
Project Title:	<b>IT-based fire inspection/emergency reporting</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Fire</b>	<b>Keith Hoyle Fire Dept</b>	<b>Sept 11,2013</b>	<b>II</b>	<b>\$31,223</b>	

**1. General Project Description?** Currently we gather and enter all data for emergency calls after we return to the fire station. The police dispatchers fax over the data and then we manually enter all information on the federally-required forms. We could implement an IT based system for inspections in the Fire Department and Development Services to integrate inspections city-wide. This FY we will be re-instituting an inspection program, so reducing our paperwork and improving efficiency for re-inspections and code violation mitigation will be important. Cost of the software, programming and annual maintenance is \$27,223. Cost of 8 tablets to use for field inspections (4 for Fire and 4 for Development Services) is \$500 per unit – a durable model – or a total of \$4000 for hardware.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Using** the limited IT capability we have now for record-keeping and responding to emergencies is time consuming. Once we start inspecting multi-family residences and businesses again, we will become mired in paperwork and inefficiency. We could use it for emergency responses, fire inspections and Development Services could use it for their inspections as well.

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

**4. List name of Firm and price of quotes received.** IMC estimate is \$27,223 for software, including \$2328 annual maintenance fee: and \$4000 for 8 tablet units from BackBay.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund					\$31,223			\$31,223
Bonds								\$0
Grant								\$0
Lease								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$31,223	\$0	\$0	\$31,223
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$31,223



DATA ENTRY FORM # H1

Project Title:	<b>Police Cruiser(s)</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Police</b>	<b>Chief Dean Crombie</b>	<b>September 10, 2013</b>	<b>I</b>	<b>\$324,806</b>	

**1. General Project Description?** POLICE CRUISER(S)

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** We are a small department where the same cruisers are used every single shift. We work 24 hours a day and 7 days a week. We put a tremendous amount of mileage on our cruisers each year. If our cruisers are unavailable due to maintenance or repairs, we cannot adequately answer calls in a timely manner.

To maintain the fleet integrity and reduce maintenance costs, the Council has set a replacement schedule as follows: Even Year: 2 Cruisers  
Odd Year: 1 Cruisers. This CIP submission assumes this schedule will be maintained. If the Council approves only 1 cruiser on an even year, the CIP will be revised and 2 cruisers will be requested on an odd year.

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

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

Keene Chrysler \$26,000 each  
2 Way Communications -- Switchover from Cruiser to Cruiser \$3,000 each  
Grafix Shoppe -- Striping Package \$475 each  
Laptop Replacement - \$5,300 ea. (2 in FY15, 1 in FY16, 2 in FY17, Laptop replacement concluded in FY17)



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$69,550	\$36,250	\$75,595	\$34,125	\$71,663	\$37,623	\$324,806
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$69,550	\$36,250	\$75,595	\$34,125	\$71,663	\$37,623	\$324,806
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			\$0
					<b>Total Project</b>			\$324,806



DATA ENTRY FORM # J2

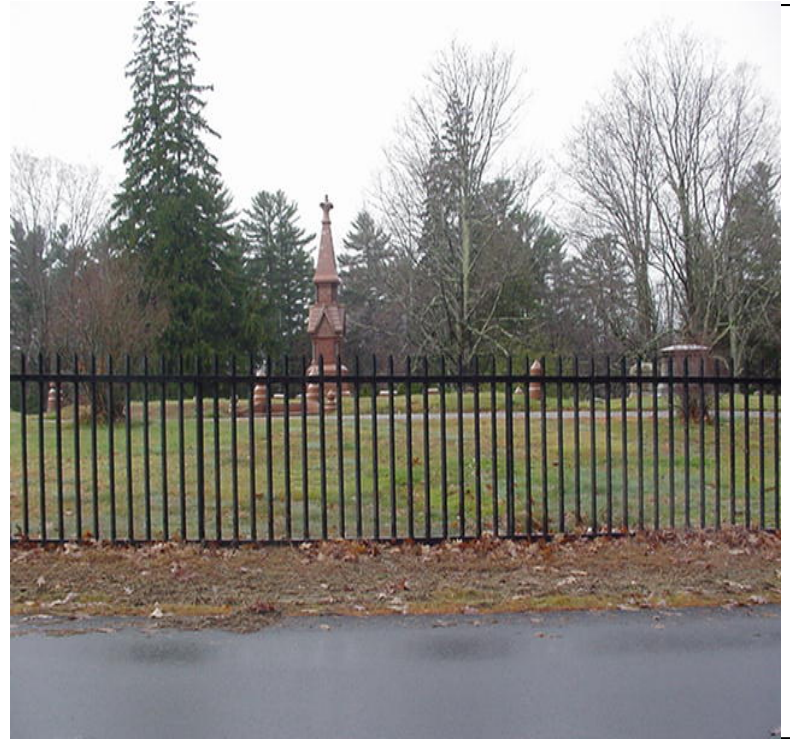
Project Title:	<b>Survey and extend iron fence around Forest Glade Cemetery</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works - Cemetery	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$87,500</b>	

**1. General Project Description:** Survey Forest Glade Cemetery and extend the fence to enclose the entire Cemetery. The existing fence runs along Maple Street approximately 1,800 feet, leaving approximately 2,900' of the perimeter unprotected.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** In order to erect a fence on the remaining perimeter, all boundary corners must be marked. Therefore, surveying must be done. Also, boundary markers are essential now that there is a house behind the Cemetery.

**3. Is this a replacement item?** No.  
**If NOT, how was the need previously met?** Survey and Fence around perimeter would be a new project.

**4. List name of Firm and price of quotes received.**  
 2010 - 125 Maintenance & Fence for Black Powder Coated Aluminum Fence - \$75,000  
 10/17/2011 - Local Surveying Company Estimate (Norway Plains Assoc.)  
     Perimeter Survey     \$6,500  
     Site Map             \$5,000  
     Wetland Delineation \$1,000



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund				\$12,500	\$75,000			\$87,500
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$12,500	\$75,000	\$0	\$0	\$87,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$87,500

## DATA ENTRY FORM # J3

Project Title:	<b>Plow Truck No. 304</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>I</b>	<b>\$165,000</b>	

### 1. General Project Description:

Purchase a new plow truck with stainless steel dump body, which will utilize a current slide-in sander. It will also have a switch plow and wing, allowing the driver to direct the snow better.

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

Truck 304, a 1989 6-wheeler with a steel box. It has performed well in its role and anticipate this is extending the life of the truck to 25 years. For larger snow events, current truck is back line truck and the replacement truck will be a front line truck, current older front line truck will assume current duties of 304. This truck has had the dump body removed and fitted with a mounted sander, limiting its year-round utility. It is first out to treat icy roads and small snowfall amounts.

**3. Is this a replacement item?** Yes. Purchasing a new truck would replace truck 304 and move a front line truck to backup. 304 currently has 74,478 miles.

Truck Trade in Value = Approximately \$8,000

**If NOT, how was the need previously met?** We have 6 front line plow trucks, 2 with built-in sanders and 4 with slide-in sanders.

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

Price based on quote received from Liberty International for truck and chassis - \$85,000 outfitted with dump body, front wing and plow \$75,000; allowance for lights and radio - trade not factored in price; purchased a similar truck Aug 2013



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease		\$165,000	\$0					\$165,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals		\$165,000	\$0	\$0	\$0	\$0	\$165,000
Commence FY:		Quarter:				Prior Years' Funding		
		Total Project					\$165,000	

DATA ENTRY FORM #J5

Project Title:	<b>Replacement of One-Ton Dump Truck No. 205</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$80,000</b>

**1. General Project Description:**

Replace a 2001 one-ton truck (Truck No. 205) that is currently used as a general maintenance and front line plow vehicle for plowing schools. New truck will also be a front line truck for school and parking lot plowing, and general operations and maintenance. The replacement vehicle will be outfitted with a dump body, plow, and one-ton sander. We intend to continue moving toward specifying for a heavy duty one-ton (Ford 550 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?**

It has over 57,700 miles and is at its life expectancy. It has experienced transmission issues. One ton pick-up trucks are the "work horses" of DPWs fleet as they are the most versatile vehicle in an urban environment. Used everyday. Life expectancy is 8-12 years. City currently has four. This truck was originally used as water distribution vehicle when purchased in 2001, but was swapped for another vehicle several years ago as it was more suitable for highway use. Replacing with a heavy duty one-ton should reduce the frequency of repairs. Approximate Edmunds.com trade value would be ~\$1500.

**3. Is this a replacement item?** Yes. It would replace vehicle No. 205, a Ford one-ton truck.

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

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

F-550 - Price based on purchase of similar vehicle on 9/2013



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund				\$80,000				\$80,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$80,000	\$0	\$0	\$0	\$80,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$80,000

DATA ENTRY FORM #J7

Project Title:	<b>Combination Plow Truck No. 303</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$165,000</b>	

**1. General Project Description:**

Purchase a new plow truck with stainless steel dump body, which will utilize a slide-in sander. It will also have a switch plow and wing, allowing the driver to direct the snow better.

**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.

**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 35601 miles and 4208 hours. New truck will become a front line vehicle. This truck may be reallocated to be a rear line or specialty vehicle.

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

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

Price based on quote received from Liberty International for truck and chassis - \$85,000 outfitted with dump body, front wing and plow \$75,000; allowance for lights and radio - trade not factored in price Trade-in value approximately \$13,000. - Price based on purchase of similar truck in 2013



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease				\$165,000				\$165,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$165,000	\$0	\$0	\$0	\$165,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$165,000



DATA ENTRY FORM #J11

Project Title:	<b>Maple Street Culvert Replacement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	<b>Thomas H. Willis</b>	<b>September 26, 2013</b>	<b>I</b>	<b>\$161,955</b>	

**1. General Project Description?**

Replace a failing culvert carrying a perennial stream beneath Maple Street in the vicinity of #88 Maple Street. As a result of intense rainstorms in recent years, most notably Tropical Storm Irene, the down stream headwall is failing, creating a sinkhole behind the headwall. The existing culvert is constructed of stone with two different pipe materials at each end. Soils beneath the roadway are passing through the gaps in the stone causing settlement of the road bed. The sewer main pipe crossing the brook is sagging. The City has applied for a Hazard Mitigation Grant from the Office of Emergency Management/Homeland Security.

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

The proposed culvert replacement will stop further deterioration of the existing culvert and increased settling of the roadbed. Additionally, if the sewer pipe settles more, it may break causing sewer backups or discharge of sewage to the stream. Receipt of the grant could defray up to 75 percent of the cost of the project, which is \$121,000

**3. Is this a replacement item? This is an infrastructure improvement.  
If NOT, How was the need previously met?**

**4. List name of Firm and price of quotes received.**  
Cost estimate provided by contract City Engineer.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$30,955						\$30,955
Bonds								\$0
Grant		\$121,000						\$121,000
Enterprise Fund		\$10,000						\$10,000
Other								\$0
	<b>Totals</b>	<b>\$161,955</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$161,955</b>
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			<b>\$161,955</b>



DATA ENTRY FORM #J12

Project Title:	<b>Replacement of One-Ton Dump Truck No. 201</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$80,000</b>

**1. General Project Description:**

Replace a 2006 one-ton truck (Truck No. 201) that is currently used as a front line plow vehicle. New truck will also be a front line truck for dead end street, parking lot plowing, and general operations and maintenance. The replacement vehicle will be outfitted with a dump body, plow, and one-ton sander. We intend to continue moving toward specifying for a heavy duty one-ton (Ford 550 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 201 is in mid life but is programmed to be replaced in 2018. It has over 77,850 miles and will have over 100,000 mile when it meets its life expectancy by 2018. One ton pick-up trucks are the "work horses" of DPWs fleet as they are the most versatile vehicle in an urban environment. Plow small streets, dead-ends, and confined areas, used in pavement patching, hauling brush, etc. Used everyday. Life expectancy is 8-12 years. City currently has four. Replacing with a heavy duty one-ton should reduce the frequency of repairs. Approximate Edmunds.com trade value would be ~\$2500.

**3. Is this a replacement item?** Yes. It would replace vehicle No. 201, a Chevrolet one-ton truck. It will likely have over 100K miles when it is replaced.

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

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

**Based on purchase of similar truck - 10/2013**

F-550 - 40,600; Dump Body, Plow, Sander for either truck chassis: \$33,000; radio: \$2,000



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund					\$80,000			\$80,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$80,000	\$0	\$0	\$80,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$80,000

DATA ENTRY FORM #J13

Project Title:	<b>Replacement of One-Ton Dump Truck No. 202</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$55,000</b>

**1. General Project Description:**

Replace a 2006 one-ton truck (Truck No. 202) that is currently used as a front line plow vehicle. New truck will also be a front line truck for dead end streets, parking lot plowing, and general operations and maintenance. The replacement vehicle will be outfitted with a utility body, and plow. This truck will be used for plowing dead end streets, parking lots, and for general service work such as carrying tools and equipment to job sites, deploying traffic control, obtaining parts, etc..

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Current vehicle has over 58,039 miles and will meet its life expectancy by 2018. One ton pick-up trucks are the "work horses" of DPWs fleet as they are the most versatile vehicle in an urban environment. Life expectancy is 8-12 years. City currently has four. This vehicle will perform some of the lighter work that the remaining heavy duty one-tons are less suitable for. May function as general foreman's vehicle. Replacing with a heavy duty one-ton should reduce the frequency of repairs. Approximate Edmunds.com trade value would be ~\$2500.

**3. Is this a replacement item?** Yes. It would replace vehicle No. 202, a Chevrolet one-ton truck. It will likely have over 100K miles when it is replaced.  
**If NOT, how was the need previously met?**

**4. List name of Firm and price of quotes received.**  
Based on quote from Grappone Ford 9/2013.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund							\$55,000	\$55,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$55,000	\$55,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$55,000

DATA ENTRY FORM # J14

Project Title:	<b>Road Resurfacing</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 26, 2013</b>	<b>I</b>	<b>\$375,000 /year</b>	

**1. General Project Description:**

The City prepared a Road Surface Management System (RSMS) Plan in 2010, which is reviewed annually. This Road Resurfacing item will fund pavement maintenance including crack sealing, pavement shims and overlays, and milling (cold plane) and overlays. Funds the RSMS program as recommended by the City in 2010. The RSMS will be updated prior to identifying specific streets for resurfacing.

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

This program saves money in the long-term by reducing the need for (and cost of) reconstructing roadways that have deteriorated to a point that only full width reconstruction will restore the roadway. The City currently maintains 62.5 miles of roadways. The City needs to resurface at least four miles of roads per year to prevent further degradation of the roads. To implement the RSMS as recommended, the City will need approximately \$375,000 per year, exclusive of funds for street reconstruction. Most would be dedicated to resurfacing with a small percentage set aside for cracksealing where recommended.

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

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

This project is for maintenance of the City's paved streets.

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

Targeted Budget number to maintain paved roads over a 15-year period.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$2,250,000



DATA ENTRY FORM #J14a

<b>Project Title:</b>	<b>Pavement Rehabilitation / Reconstruction</b>				
<b>Department:</b>	<b>Submitted By:</b>	<b>Date:</b>	<b>Priority:</b>	<b>Project Cost:</b>	
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 26, 2013</b>	<b>I</b>	<b>\$2,500,000</b>	

**1. General Project Description:**

The City prepared a Road Surface Management System (RSMS) Plan in 2010 which is reviewed annually. This item will fund pavement rehabilitation or reconstruction of streets where the pavement has deteriorated or where a full depth reclamation is necessary. This work will initially be done on streets where the underground infrastructure is sound and does not need immediate rehabilitation. Funds the pavement rehabilitation / reconstruction of streets using the RSMS program as developed by the City in 2010 and is expected to be updated prior to end of current FY.

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

This program is designed to bring those streets in the City where the pavement has become so degraded that less costly maintenance methods will not be effective. There are currently 62.5 miles of roads that are maintained by the City, many of which have degraded to the point that reclaim and overlay, or full depth reconstruction is required to restore the road surface to an acceptable condition.

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

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

This project is maintenance of current City streets.

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

Targeted Budget number - window as other debt service expires.

1998 \$1,000,000 Road Improvement Bond Retires FY14

2005 \$1,500,000 Capital Improvement Bond Retires FY16



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds		\$1,000,000		\$1,500,000				\$2,500,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$1,000,000	\$0	\$1,500,000	\$0	\$0	\$0	\$2,500,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$2,500,000

DATA ENTRY FORM #J15

Project Title:	<b>Constitutional Way Sidewalk Improvements</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	<b>Thomas H. Willis</b>	<b>September 26, 2013</b>	<b>II</b>	<b>\$180,000</b>	

**1. General Project Description?**

Reconstruct sidewalks on Constitutional Way. This is an extension of the Downtown Improvements currently underway.

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

The City is making large investments in improving the downtown, and this is a continuation of these improvements. Parking has been added in this area and this will provide an improved and safe walking area for visitors of the downtown businesses.

**3. Is this a replacement item?** This is an infrastructure improvement.  
**If NOT, How was the need previously met?**

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

Preliminary Estimate provided by City Engineer. Const. \$150K, Eng. & Design \$15K, contingency \$15K

Will use Capital Resave Funds already accumulated for repairs. Balance in sidewalk capital reserve fund at this time is \$200,000.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other - CR Funds			\$180,000					\$180,000
	<b>Totals</b>	\$0	\$180,000	\$0	\$0	\$0	\$0	\$180,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$180,000



DATA ENTRY FORM #J16

Project Title:	<b>Street Reconstruction Associated with Utility Work</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>I</b>	<b>\$1,709,000</b>	

**1. General Project Description:**

This project funds the full depth reclamation and paving of roads where substantial utility work is planned. Locations planned for funding include the area of two water main projects: one in FY2017 on Main Street between Indigo Hill Road, southward to Centre Road, FY 2019 on Indigo Hill Road between Green Street and Rita Road, and the remaining associated with the water work planned for Cemetery Road. This item complements Road Resurfacing program. These locations are the result of water system review completed earlier in 2013 by Wright-Pierce.

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

This will ensure that the entirety of the street gets repaved and the appropriate drainage improvements are included while work is performed on streets where the pavement is in need of maintenance anyway. It is more cost effective to perform all at once rather than install a utility trench and repave the road at a different time. Projects to complement both utility work funded out of the enterprise funds and the paving program.

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

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

This project is maintenance of the current streets.

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

Based on City Engineer's estimates.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds			\$114,000	\$765,000	\$100,000	\$660,000	\$70,000	\$1,709,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$114,000	\$765,000	\$100,000	\$660,000	\$70,000	\$1,709,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$1,709,000

DATA ENTRY FORM #J17

Project Title:	<b>Combination Plow Truck No. 306</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$165,000</b>	

**1. General Project Description:**

Purchase a new plow truck with dump body, which will utilize a slide-in sander. It will also have a switch plow and wing, allowing the driver to direct the snow better.

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

This would replace existing truck 306 to plow main routes.

**3. Is this a replacement item?** Yes. Current truck is a 2002 plow truck, which is currently used as a front line plow truck with a dedicated run. Truck 306 has 54,629 miles. New truck will become a front line vehicle. Sander will not be purchased but transferred from purchase earlier in the decade.

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

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

Purchased similar truck 8/2013 for \$160,000 with integrated sander. This will use traditional dump body with existing sander. Allowance for lights and radio - trade not factored in price. Trade-in value approximately \$15,000. -



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds/Lease						\$165,000		\$165,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$165,000	\$0	\$165,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$165,000

DATA ENTRY FORM #J18

Project Title:	<b>Emergency Generator - Public Works</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Thomas H. Willis</b>	<b>September 17, 2013</b>	<b>II</b>	<b>\$50,000</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. Grant application to NHOEM pends, which may allow us to obtain this before target date.

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

Public Works personnel are usually expected to be on duty and providing services to the community during a weather related emergency. (e.g. floods, wind storms, ice storm, snow storms, etc.) Recent experience has shown that these emergencies are frequently accompanied with extended power outages. Without power during an emergency, 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. Additionally, during recent power outages, workers did not have sufficient lighting in workspaces to move around and avoid hitting fixed objects during power outages causing a safety concern.

**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. This situation was responsible for blowing out of phone system during an emergency outage due to power surge when transferring over power. Phone system needed to be replaced.

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

Price Quote from Paquette and Howard - Plaistow NH 10/2013.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund		\$25,000						\$25,000
Bonds								\$0
Grant		\$25,000						\$25,000
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			<b>\$50,000</b>

Project Title:	<b>Eddy Bridge (Rochester St./Salmon Falls Road) Improvements</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Public Works</b>	<b>Robert Belmore</b>	<b>October 21, 2013</b>	<b>II</b>	<b>\$55,000</b>

**1. General Project Description:** Preservation project for Eddy Bridge #6048 that connects Somersworth and Berwick, Maine on Rochester St. and Salmon Falls Road. The bridge is jointly owned between the State of Maine and the City of Somersworth. The scope of the project would include improvements to the protective wearing surface, sealing the bridge joints, and spot painting the steel elements of the bridge.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** Will help to preserve vital infrastructure connecting Maine and NH over the Salmon Falls river, and help maintain efficient traffic flows around the City of Somersworth.

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

**If NOT, how was the need previously met?** Bridge exists, this is for improvements and maintenance.

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

Estimates provided by James A. Foster, P.E. of the Maine DOT. Cost breakdown:

Engineering FY16 - \$50,000 (Somersworth share is 20% of 1/2 the estimate)

Construction FY17 - \$500,000 (Somersworth share is 20% of 1/2 the estimate)



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund			\$5,000	\$50,000				\$55,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$5,000	\$50,000	\$0	\$0	\$0	\$55,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$55,000



DATA ENTRY FORM # K1

<b>Project Title:</b>	<b>District Wide - HVAC, Ventilation Design, Plan &amp; Specifications</b>			
<b>Department: DW-90</b>	<b>Submitted By: Andy Lucier</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$1,600,000</b>
			I	

**Project Description:**

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

**Is this a replacement item?** Yes

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

Replacement will improve energy efficiency, allow remote access. Should pay for itself 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:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$100,000	\$1,500,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$100,000	\$1,600,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
				<b>Total Project</b>				\$1,600,000



DATA ENTRY FORM # K2

<b>Project Title:</b>	<b>High School - Asbestos Flooring Replacement</b>			
<b>Department: HS-31</b>	<b>Submitted By: Sharon Lampros</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$321,000</b>
			I	

**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:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund		\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$267,500
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$53,500	\$321,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
				<b>Total Project</b>				\$321,000

DATA ENTRY FORM # K3

<b>Project Title:</b>	<b>Middle School - Replace Boilers and Controls 1 through 5</b>			
<b>Department: MS-21</b>	<b>Submitted By: Andy Lucier</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$500,000</b>
			I	

**Project Description:**

Replace Middle School boilers and controls

**OBJECTIVE:**

Energy efficient units with controls

**Is this a replacement item?** Yes

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

**SOLUTION:**

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

**Quotes received:**

Best estimate at this time is \$516,000

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



Total Project Funds:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Bonds								\$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>Middle School - Locker Replacement</b>				
<b>Department: MS-21</b>	<b>Submitted By: Andy Lucier</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$80,000</b>	
			I		

**PROJECT DESCRIPTION:** Replace Middle School Lockers

**Is this a replacement item?** Yes

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

**SOLUTION:**1

Secure student property, and reduce vandalism.

**Quotes received:**

Estimate - April 2013

Best estimate .

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



Total Project Funds:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund		\$80,000						\$80,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
							<b>Total Project</b>	\$80,000

DATA ENTRY FORM #K5

<b>Project Title:</b>	<b>Maple Wood - Bathroom Renovations</b>			
<b>Department: MW-13</b>	<b>Submitted By: Andy Lucier</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$370,000</b>
			<b>II</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:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund			\$370,000					\$370,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$370,000	\$0	\$0	\$0	\$0	\$370,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
				<b>Total Project</b>				\$370,000

DATA ENTRY FORM # K6

<b>Project Title:</b>	<b>Career Technical Center - Renovation</b>			
<b>Department:33</b>	<b>Submitted By: Andy Lucier</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$1,500,000</b>
			<b>III</b>	

**Project Description:**

Career Technical Center Renovation.

The Somersworth Career Technical Education Center (CTC) is one of 24 CTE centers found in New Hampshire High Schools statewide. Renovating CTC programs will focus on creating 21st Century secondary to post-secondary pathways that prepare students for college and careers.

**Is this a replacement item?** No

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

**Quotes received:**

Estimated \$1,500,000 and the FY 2016-2017 Retired Bond.


Funding: State 75% Community 25%

**No Photo Available**

Total Project Funds:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund								\$0
Bonds				\$1,500,000				\$1,500,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000
Commence FY:	Quarter:			<b>Prior Years' Funding</b>				
				<b>Total Project</b>				\$1,500,000



DATA ENTRY FORM # K7

Project Title:	<b>Maple Wood Elementary - Relocate/Renovate Main Office</b>			
Department: MW-13	Submitted By: Andy Lucier	Date: September 2013	Priority: IV	Project Cost: \$726,000
<p><b>Project Description:</b>          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.</p> <p><b>OBJECTIVE:</b>          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.</p> <p><b>Is this a replacement item?</b>          If NOT, How was the need previously met?</p> <p><b>SOLUTION:</b>          Design an addition in front of the present Administration Area.</p> <p><b>Quotes received:</b>          Harriman Estimate - Revised September 2011</p> <p><b>Building Aid? No      Percent Reimbursable? 0%</b></p>				
				

Total Project Funds:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund								\$0
Bonds						\$726,000		\$726,000
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$726,000	\$0	\$726,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$726,000

DATA ENTRY FORM # K8

<b>Project Title:</b>	<b>Middle School - Repairs to Exterior walls of 1962 Section &amp; Doors/Windows</b>			
<b>Department: MS-21</b>	<b>Submitted By: Dana Hilliard</b>	<b>Date: September 2013</b>	<b>Priority:</b>	<b>Project Cost: \$255,000</b>
			<b>IV</b>	

**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:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund						\$255,000		\$255,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$255,000	\$0	\$255,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$255,000

DATA ENTRY FORM # K9

Project Title:	Middle School - Re-Hab Bathrooms/Including ADA Imp			
Department: MS-21	Submitted By: Andy Lucier	Date: September 2013	Priority:	Project Cost: \$416,000
			V	

**Project Description:**

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

**OBJECTIVE:**

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

**Is this a replacement item?** Yes

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

**SOLUTION:**

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

**Quotes received:**

Harriman Estimate - Revised September 2011

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



Total Project Funds:		FY15	FY16	FY17	FY18	FY19	FY20	Total
Sources:								\$0
General Fund							\$416,000	\$416,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$416,000	\$416,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$416,000

## DATA ENTRY FORM # L2

Project Title:	<b>Water Main on Main St.</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$1,000,000</b>

**1. General Project Description:**

To replace the water main on Main St. (approximately 3,800 ft. Indigo Hill Road to Centre Road). Highway and Sewer improvements will be done in conjunction with this work as needed. City completed a water distribution engineering study in 2013 in which this was the no. 1 maintenance priority for improvement to the distribution system. Funding for this year will be for engineering design and bidding preparation. With construction in FY 2016. There is a corresponding item for sewer and drainage improvements.

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

The existing water main has had several water breaks due to corrosion from the soils. The most recent break in this section of pipe was in Aug. 2013. We have been averaging two breaks per year in recent years.

**3. Is this a replacement item? Yes**  
**If NOT, how was the need previously met?****4. List name of Firm and price of quotes received.**

Estimates are from Wright-Pierce's report dated February 2013



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$0	\$115,000	\$885,000				\$1,000,000
Other								\$0
	<b>Totals</b>	\$0	\$115,000	\$885,000	\$0	\$0	\$0	\$1,000,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$1,000,000



DATA ENTRY FORM #L3

Project Title:	<b>Replacement of Water Main on Cemetery Rd</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$90,000</b>	

**1. General Project Description:**

Replacement of the old 6-inch diameter pipe on Cemetery Road (approximately 2.850 ft. from vicinity of 39 Cemetery Road to Maple Street). This was ranked as the third priority in the maintenance of the water distribution system in a water distribution study performed by Wright-Pierce in Feb 2013. This project will be part of a more comprehensive improvements to the Cemetery Road area, including improvements to drainage and sewer as needed. FY-2020 will be for engineering and design and FY-2021 will be for construction, the estimated cost of which will be \$660,000.

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

The pipe that was previously installed is a 6" unlined cast iron pipe. The new pipe will provide reliable distribution and be upsized to provide increased fire flow protection. There have been several water main breaks on this section of pipe in recent years. Because this line provides distribution to schools, it is important to increase the size and reliability.

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

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

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

Estimates are from Wright-Pierce's report dated February 2013. Last paved in 1992.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund							\$90,000	\$90,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$0	\$90,000	\$90,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$90,000



DATA ENTRY FORM #L4

Project Title:	<b>Water Distribution Improvements - Indigo Hill Road - Green Street to Rita Road</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$1,040,000</b>	

**1. General Project Description:**

Replacement of undersized 80-year old pipe (approximately 4,000 ft) under Indigo Hill Road between Green Street and Rita Road and River Street between Indigo and Buffumsville Roads. This was ranked as the no. 2 distribution system improvement priority in the Wright-Pierce distribution system evaluation completed in Feb. 2013. This will upgrade a main distribution main from a 6" main to a 12-inch main. Estimated construction cost (FY2019) is \$920,000 with engineering funded in FY2018 at \$120,000. .

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

The water distribution system in this area is over 80 years old and is prone to leaks and breaks. Additionally the water pressures in this area are high, making breaks and interruptions more likely in the future.

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

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

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

Estimates are from Wright-Pierce's report dated February 2013. Funding are also considered for sewer, drainage, and pavement improvements.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund					\$120,000	\$920,000		\$1,040,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$120,000	\$920,000	\$0	\$1,040,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$1,040,000

## DATA ENTRY FORM # L5

Project Title:	<b>Rocky Hill Road Water Tank Maintenance Program</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>I</b>	<b>\$365,000</b>	

**1. General Project Description?**

In 2013, city performed a comprehensive water distribution evaluation using Wright-Pierce. Review of both tanks was considered, however their evaluation recommended that the coatings on the 40 year old Rocky Hill Road tank be rehabilitated as a high priority project to extend the life of the tank. This project budgets for the preparation of plans, specifications, and bid documents for the recoating of the Rocky Hill Road tank in FY 2015 and the coating rehabilitation in FY 2016.

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

The cost of tank replacement is expensive. Immediate work will extend the life of Rocky Hill Road tank as recommended by distribution evaluation report

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

If NOT, How was the need previously met?

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

Cost estimate based on Wright-Pierce's report dated February 2013 and on experience with similarly sized tanks in neighboring communities



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$35,000	\$330,000			0		\$365,000
Other								\$0
	<b>Totals</b>	\$35,000	\$330,000	\$0	\$0	\$0	\$0	\$365,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$365,000

DATA ENTRY FORM L9

Project Title:	<b>Noble Pines Water Tank Replacement</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>October 7, 2013</b>	<b>I</b>	<b>\$100,000</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-19 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 2020. The construction will be budgeted in FY-2021. .

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

Elevating the water storage will provide the city with more reserve water than the current standpipe design and will improve long term fire flow pressures and duration in the hilltop and downtown areas where it is needed most.

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

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

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

Cost estimate based on Wright-Pierce's report dated February 2013.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund						\$100,000		\$100,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$100,000

# DATA ENTRY FORM #L6

Project Title:	<b>SCADA Software Upgrade - Water Treatment Plant</b>			
Department:	Submitted By:	Date:	Priority:	Project Cost:
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 23, 2013</b>	<b>II</b>	<b>\$35,000</b>

## 1. General Project Description:

Plan for upgrade of SCADA Software at water treatment plant to be compatible with and supported by more recent operating systems. Current SCADA software, which controls and monitors many of the processes at the water treatment plant, runs on a Microsoft Windows xp platform, which will soon be three generations removed. Eventually xp will no longer be supported making hardware and software maintenance difficult. Current version is approaching 10 years old. Water plant and wastewater plant will be completed at the same time, so there is compatibility across the city.

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

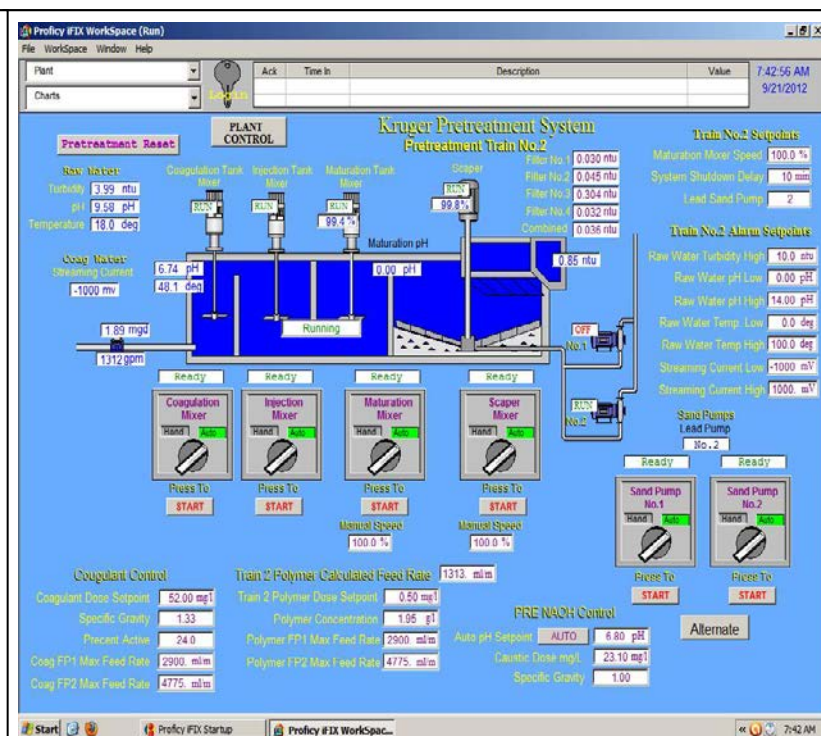
Upgrading the software will enable the city to continue to operate with minimal staffing without having a 24 hour a day presence at the plant. Upgrading the software should eliminate many of the glitches that we are experiencing because of the age of the current software, computers, and changes in technology.

## 3. Is this a replacement item? Yes. it is an upgrade to current software and hardware currently in operation.

If NOT, how was the need previously met?

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

Laviolette Controls - Somersworth, NH- Quote from Sept 2013.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$35,000						\$35,000
Other								\$0
	<b>Totals</b>	<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>
Commence FY:	Quarter:							
<b>Prior Years' Funding</b>								
<b>Total Project</b>								<b>\$35,000</b>



DATA ENTRY FORM #L8

Project Title:	<b>Water Treatment Plant Pump Upgrade Program</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>III</b>	<b>\$81,500</b>	

**1. General Project Description:**

Replace water plant intake and finish water high lift pumps to gradually increase pumping capacity to match plant capacity.

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

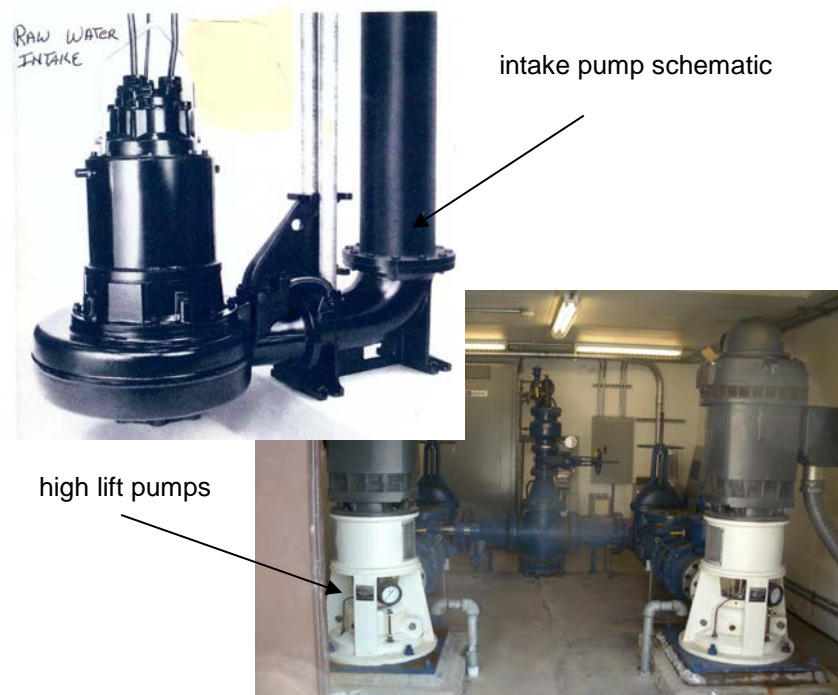
When WTP plan was upgraded in 2007, the treatment capacity was increased but the intake and distribution pumps were not. Current intake pumps are 20 years old and one was serviced in 2010. Finish water pumps are essential to get the water to the storage tanks. Plan is to replace one intake pump and one finish water tank at same time to slowly match the WTP's pump capacity with treatment capacity. The replacement pumps should be more energy efficient. Second set of pumps to be installed in later years to respond to changes in demand.

**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.**

ITT/Flygt intake - \$42,000 per pump utilizing existing flanges: Install will be done in-house: For High-lift pumps - quote from Hoyle-Tanner, the original designer of the pump station - in 2013 -



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund			\$81,500					\$81,500
Other								\$0
	<b>Totals</b>	\$0	\$81,500	\$0	\$0	\$0	\$0	\$81,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$81,500



DATA ENTRY FORM #L11

Project Title:	<b>Replacement Vehicle for Water Treatment Plant</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$22,000</b>	

**1. General Project Description:**

Purchase a replacement vehicle for the water treatment plant to perform general water quality tests around the city and to monitor the system's source water areas.

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

This will replace the 2005 Chevrolet Impala that was first a police cruiser and the DPW Director's car. The current car was transferred to the water division in spring 2013. By FY 2018 this car will be 14 years old and likely have more than 150,000 miles on it and be ready for replacement. This vehicle fills a void because of the need to collect water samples throughout the City on a regular basis and to transport them to the laboratory for analysis.

**3. Is this a replacement item?** Yes will replace the 2005 Chevrolet Impala that was reassigned to the water division in early 2013.

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

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

Based on small 2013 SUV 4X4 hydrid, enegy efficient from Edmunds.com accessed on Sept. 2013.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund						\$22,000		\$22,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$0	\$22,000	\$0	\$22,000
Commence FY:	Quarter:					<b>Prior Years' Funding</b>		
						<b>Total Project</b>		\$22,000

DATA ENTRY FORM #L12

Project Title:	<b>Replacement Truck for Water Distribution - Truck 101</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Water</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$48,500</b>	

**1. General Project Description:**

Purchase a replacement utility vehicle for the water distribution foreman to make service calls, collect water meter data monthly, and to maintain distribution system.

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

This will replace Truck 902, which is a 2002 Dodge RAM Van. While van is serving the division well and will continue for several years, best vehicle for job is a 3/4 ton pickup with a utility body for storage small tools and equipment. Current mileage on the van is 36,650.

**3. Is this a replacement item?** Yes. It will replace 2002 RAM Van that is currently used by the Distribution Section.

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

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

Vehicle Estimate \$35,000; utility body estimate is \$13,500 - Picture at right represents what we look to purchase, but all vehicles will be assessed for energy efficiency



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund					\$48,500			\$48,500
Other								\$0
	<b>Totals</b>	\$0	\$0	\$0	\$48,500	\$0	\$0	\$48,500
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$48,500

DATA ENTRY FORM #M2

Project Title:	<b>Sewer Collection System Evaluation Associated with New Sewer Discharge Permit</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Sewer</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$62,000</b>	

**1. General Project Description:** First year's work is to hire a consultant to perform a comprehensive evaluation of the sewer collection system to identify what sewer improvements are needed within the areas where water distribution improvements are recommended. Study will also focus on establishing priorities to meet the collection system requirements that will be part of the next NPDES permit that is expected to be issued in either FY-14 or 15. Tasks include a review and interpretation of the permit; condition assessment of the sewer system which would include targeted cleaning and televising of selected sewer mains of high importance and to develop a sewer interceptor model to ensure that collection system is sized appropriately to ensure there are no system backups or overflows in key areas.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** NPDES permit renewals issued recently to neighboring communities contained collection system evaluation and maintenance (CMOM) requirements. This will provide the funding to meet these expected requirements when our permit is issued..

**3. Is this a replacement item?** Yes, only if the evaluation warrants the replacement of the sewer.

**4. List name of Firm and price of quotes received.** Quotes received from Underwood Engineers 9/2013 based on their experience with assisting neighboring communities after their permits were issued. Permit assistance - \$5K; Sewer evaluation and report - \$25K; Interceptor model - \$12K; Clean and TV sewers assume 10,000 feet at \$2.00/ft.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$62,000						\$62,000
Other								\$0
	<b>Totals</b>	\$62,000	\$0	\$0	\$0	\$0	\$0	\$62,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$62,000



DATA ENTRY FORM M3

Project Title:	<b>Sewer Work Associated Proposed Water Distribution Projects</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Sewer</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$1,554,000</b>	

**1. General Project Description:** FY-16 involves funding the evaluation and engineering to identify what sewer improvements are needed within the areas where water distribution improvements are recommended. Funding for FY-16 to 20 are estimates for design and construction of needed improvements within the water distribution work zones (FY 16-17 Main Street - Indigo to Centre; FY 18-19 - Indigo Hill from Green to Rita; FY-20-21 - Cemetery Road). Part of comprehensive reconstruction effort for each location.

**2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?** When planning work on any one utility, it is appropriate and usually most cost effective to review all the utilities that are under the ground when a street is going to go under construction. If there are issues, then they can be addressed once. There are similar funding proposal for street and water improvements in each area

**3. Is this a replacement item?** Yes, only if the evaluation warrants the replacement of the sewer.

**4. List name of Firm and price of quotes received.** Prices are for sewer improvements only. Costs are based on a unit price of \$100/ft are all subject to change after the evaluation; Water and Street improvements are budgeted herein separately. FY16-17 is for Main Street and FY18 and 19 are for Indigo Hill Road, FY20 and 21 are for Cemetery Road area. Cemetery Road construction estimate for 2021 is \$422,000.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund			\$75,000	\$583,000	\$108,000	\$725,000	\$63,000	\$1,554,000
Other								\$0
	<b>Totals</b>	\$0	\$75,000	\$583,000	\$108,000	\$725,000	\$63,000	\$1,554,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$1,554,000

DATA ENTRY FORM #M4

Project Title:	<b>Blackwater Road Pump Station Improvements</b>					
Department:	Submitted By:	Date:	Priority:	Project Cost:		
<b>Sewer</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>III</b>	<b>\$601,000</b>		

**1. General Project Description:**

This will fund a mid-life rehab to the Blackwater Rd Pump Station which is 24 yrs. old. City engaged Underwood Engineers to perform a preliminary study of the rehab needs at the station as budgeted in FY 2013. Recommended replacement of the pumps, the electrical controls, the emergency generation system, and building rehabilitation. This splits the funding into two FYs as follows:

FY-15:

Pumps and Motors: \$150K  
Piping and Supports: \$20K  
Electrical and SCADA: \$55K  
Prep Work/incl demo: \$30K  
Design Engineering: \$50K  
Construction Eng'r: \$35K  
Contingency: \$43K

FY-16:

Wetwell Clean/Wash: \$20K  
Roof, Doors, HVAC: \$38K  
Generator: \$60K  
Prep Work/incl demo: \$35K  
Construction Eng'r: \$25K  
Contingency \$40K

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

Evaluation showed that one of the two pumps is operating at about 50 percent design efficiency resulting in consumption of more power and operating time. This mid life rehabilitation will ensure that this vital component of the collection system will function for years to come.

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

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

Cost estimates are based on estimate by Underwood Engineers.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$383,000	\$218,000					\$601,000
Other								\$0
	<b>Totals</b>	\$383,000	\$218,000	\$0	\$0	\$0	\$0	\$601,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$601,000



DATA ENTRY FORM #M5

Project Title:	Small Payloader to replace Tractor				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Sewer	Thomas H. Willis	September 20, 2013	III	\$100,000	

**1. General Project Description?**

Purchase a small payloader to replace 35 year old tractor that has been used for removing grit bags and rags and transporting them from the primary treatment area to the solids dumpster. Also used for modest snow removal. New loader will be outfitted with a broom attachment to keep the grounds clean.

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

Existing tractor is 35 years old and while it has functioned well, parts and reliability are beginning to become a problem. Transmission was replaced in 2006 at significant expense. Because of operational changes over the years at the plant, tractor is no longer the most suitable equipment at plant. Will be replaced with a small payloader.

**3. Is this a replacement item? Yes. Would replace the current John Deere Tractor If NOT, How was the need previously met?**

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

Written Quote Sept 2012 - John Deere 324 J loader - 2012 Est \$98,500  
Expected Trade in Value for Tractor is at least \$15,000. Trade not included in cost.  
Quote affirmed in Sept 2013.



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund				\$100,000				\$100,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$100,000	\$0	\$0	\$0	\$100,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$100,000

# DATA ENTRY FORM #M8

Project Title:	<b>SCADA Software Upgrade - Wastewater Treatment Plant</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Sewer</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>II</b>	<b>\$35,000</b>	

## 1. General Project Description:

Plan for upgrade of SCADA Software at wastewater treatment plant to be compatible with and supported by more recent operating systems. Current SCADA software, which controls and monitors many of the processes at the wastewater treatment plant, runs on a Microsoft Windows xp platform, which will soon be three generations removed. Eventually xp will no longer be supported making hardware and software maintenance difficult. Current version is approaching 10 years old. Water plant and wastewater plant will be completed at the same time, so there is compatibility across the city.

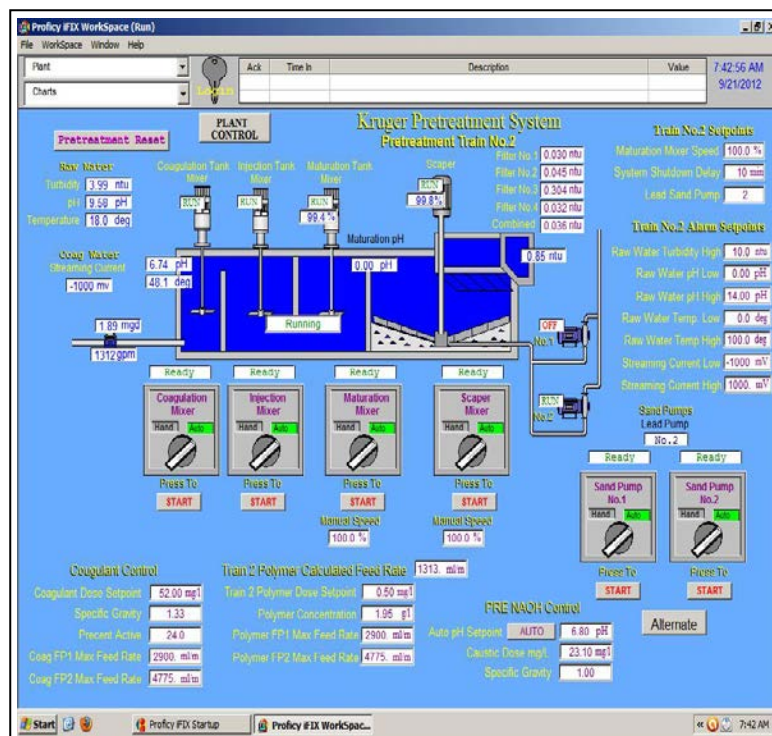
## 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

Upgrading the software will enable the city to continue to operate with minimal staffing without having a 24 hour a day presence at the plant. Upgrading the software should eliminate some of the glitches that we are beginning to see because of the age of the current software, computers, and changes in technology. There have been SCADA issues at the WWTP plant during the past year which required after hours callbacks to resolve.

**3. Is this a replacement item?** Yes. it is an upgrade to current software and hardware currently in operation.

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

Laviolette Controls - Somersworth, NH- updated quote -\$67,068 for both plants; update 2013



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund		\$35,000						\$35,000
Other								\$0
<b>Totals</b>		<b>\$35,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>
Commence FY:	Quarter:							
<b>Prior Years' Funding</b>								
<b>Total Project</b>								<b>\$35,000</b>

DATA ENTRY FORM #M9

Project Title:	<b>One Ton Utility Truck</b>				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
<b>Sewer</b>	<b>Thomas H. Willis</b>	<b>September 20, 2013</b>	<b>III</b>	<b>\$55,000</b>	

**1. General Project Description?**

Purchase a one-ton plow truck used for maintenance at the wastewater facility and pump stations..

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

Currently, our existing vehicle is nine years old (2003) and is showing its age. Dump body was replaced in 2012 to enable vehicle to provide approx. 4 more years of service until replacement. This is the only vehicle available at Wastewater Treatment Plant and Sewer Pump Stations; Hauls loads to and from these facilities and plows snow. Unit to include plow, utility body, and davit to lift pumps and equipment on and off truck.

**3. Is this a replacement item?** Yes. Would replace the current Wastewater Department dump body truck with approx. 40,000 miles. Staff believes that a utility body with a davit would better serve their current and future needs than a truck with a dump body

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

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

Quote Sept 2013 - for F-350 chassis and body = \$36,000  
Utility body and plow Package add another. \$14,000.  
Hydraulic lift gate - \$5,000



Total Project Funds:		FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund				\$55,000				\$55,000
Other								\$0
	<b>Totals</b>	\$0	\$0	\$55,000	\$0	\$0	\$0	\$55,000
Commence FY:	Quarter:				<b>Prior Years' Funding</b>			
					<b>Total Project</b>			\$55,000