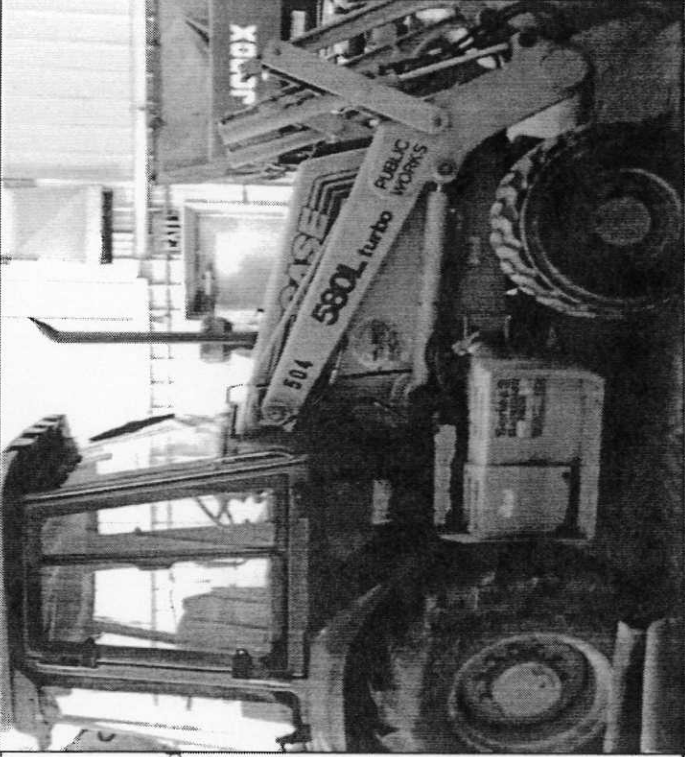


Project Title:	Backhoe #504		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 14, 2012	II
			Project Cost:
			\$150,000

1. General Project Description: Purchase a new, larger, four wheel drive backhoe with the ability to lift a trench box. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? The backhoe is used in all departments and projects. It has the ability to dig and load material. The major use would be for water and sewer work and as such will be funded using a combination of general funds and water/sewer enterprise funds. It is also used to move salt during winter ops. This is the only backhoe owned by the Department. Note that cost will be split 1/3, 1/3, 1/3 between general fund and water and sewer enterprise funds as this equipment is shared by all programs. Estimated replacement cost is \$150,000. Purchase would include attachments incl: quick connect bucket capability; gradall style bucket; narrow width bucket; hydraulic hammer; forks for fork lift capability 3. Is this a replacement item? Yes. This would replace the Public Works 1998 Case backhoe #604, which would be used for trade-in. Current value is about \$15,000. Current hours are 5362. It was used over 500 hours in last year. 4. List name of Firm and price of quotes received. Quotes from local equipment dealer - \$138,500 plus ~\$10,000 for hydraulic hammer																																																																																									
	<table border="1"> <thead> <tr> <th>Total Project Funds:</th> <th>FY 14</th> <th>FY 15</th> <th>FY 16</th> <th>FY 17</th> <th>FY 18</th> <th>FY 19</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Sources:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>General Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Bonds/Lease</td> <td>\$50,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$50,000</td> </tr> <tr> <td>Grant</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Enterprise Fund</td> <td>\$100,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$100,000</td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Totals</td> <td>\$150,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$150,000</td> </tr> <tr> <td>Commence FY:</td> <td colspan="6">Prior Years' Funding</td> <td></td> </tr> <tr> <td></td> <td colspan="6">Total Project</td> <td>\$150,000</td> </tr> </tbody> </table>										Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total	Sources:							\$0	General Fund							\$0	Bonds/Lease	\$50,000						\$50,000	Grant							\$0	Enterprise Fund	\$100,000						\$100,000	Other								Totals	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	Commence FY:	Prior Years' Funding								Total Project					
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Project Title:		Combination Plow Truck No. 308				
Department:	Submitted By:	Date:	Priority:	Project Cost:		
Public Works	Thomas H. Willis	September 14, 2012	II	\$165,000		

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 308 primarily used for winter maintenance. Current truck 308 has been problematic to maintain, parts have been expensive, and we have spent more to keep on road than other trucks in fleet. Truck has proven to be underpowered. This truck line has been out of production for several years and parts are becoming difficult to obtain. 3. Is this a replacement item? Yes. It would replace existing truck 308, which now has 40,520 miles and 4,319 hours. Expected trade in value - \$15,000 in 2014. 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						
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease	\$165,000						\$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

Project Title:	Combination Plow Truck No. 303		
Department:	Submitted By:	Date:	Project Cost:
Public Works	Thomas H. Willis	September 17, 2012	\$165,000

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?

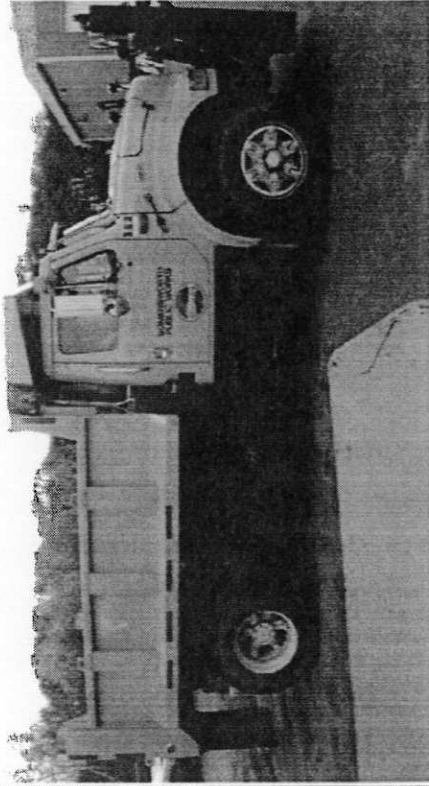
This would replace existing truck 303 to plow main routes.

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 31912 miles and 3702 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 \$15,000.



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease				\$165,000			\$165,000
Grant							\$0
Enterprise Fund							\$0
Other							\$0
		\$0	\$0	\$165,000		\$0	\$165,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$165,000

Project Title:	Stainless Steel Slide-in Sander		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 17, 2012	I
			Project Cost:
			\$24,600

1. General Project Description?

Purchase of a stainless Steel Slide-in Sander. The new sander will be used primarily on truck no. 306, which was transformed from an innerbody sander to a regular dump body by welding all the openings shut and disabling the moving parts because they became inoperable and would have cost approximately \$18,000 to repair/replace.

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

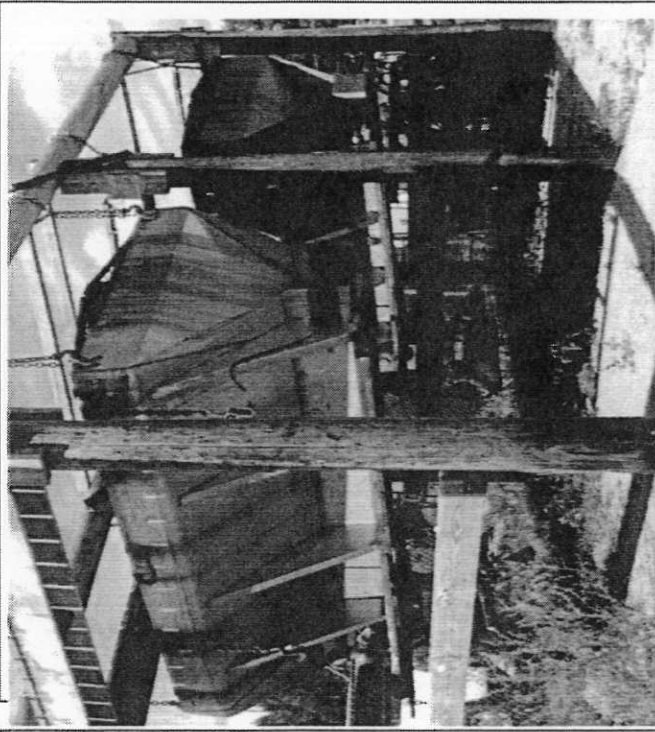
We have increased the number of plow routes in the City and this would allow each plow truck the ability to sand their own route.

3. Is this a replacement item? Yes, it will replace a 16 year old steel sander.

The purchase proposed for FY16 will replace a 23 year-old stainless steel sander. If NOT, How was the need previously met?

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

Price based on purchase price for sander from local equipment supplier in 09/2012



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund	\$12,300		\$12,300				\$24,600
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
	Totals	\$12,300	\$0	\$12,300	\$0	\$0	\$24,600
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$24,600

Project Title:	Maple Street Culvert Rehabilitation		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 14, 2012	II
			Project Cost:
			\$120,000





1. General Project Description?
 Rehabilitate failing culvert that is in the vicinity of 88 Maple Street. carrying a perennial stream beneath Maple Street. As a result of intense rainstorms in recent years, most notably Hurricane Irene, the down stream headwall is failing, creating sinkhole behind the headwall. The existing pipe is constructed of two different materials inducing settlement onto the underlying sewer pipe. There is also evidence that the sewer main has been slightly dislocated due to the culvert. In response to the damage from Irene the City applied for a hazard mitigation grant from Office of Emergency Management/Homeland Security to defray some of the cost of this project.

2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?
 This will repair a situation that will eventually deteriorate to the point that the eastbound lane to Maple street will be undermined and can not be driven upon. Additionally, if the sewer pipe under the culvert settles more, it may break and cause sewer backups or discharges to nearby surface waters. Receipt of the grant will defray 75 percent of the cost of the project.

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 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund	Design/Permitting FY14	\$15,000	\$10,000				\$25,000
Bonds							\$0
Grant			\$90,000				\$90,000
Enterprise Fund			\$5,000				\$5,000
Other							\$0
Totals		\$15,000	\$105,000	\$0	\$0	\$0	\$120,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$120,000

Project Title:	Replacement of One-Ton Dump Truck No. 201		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 17, 2012	II
			Project Cost:
			\$75,000

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.

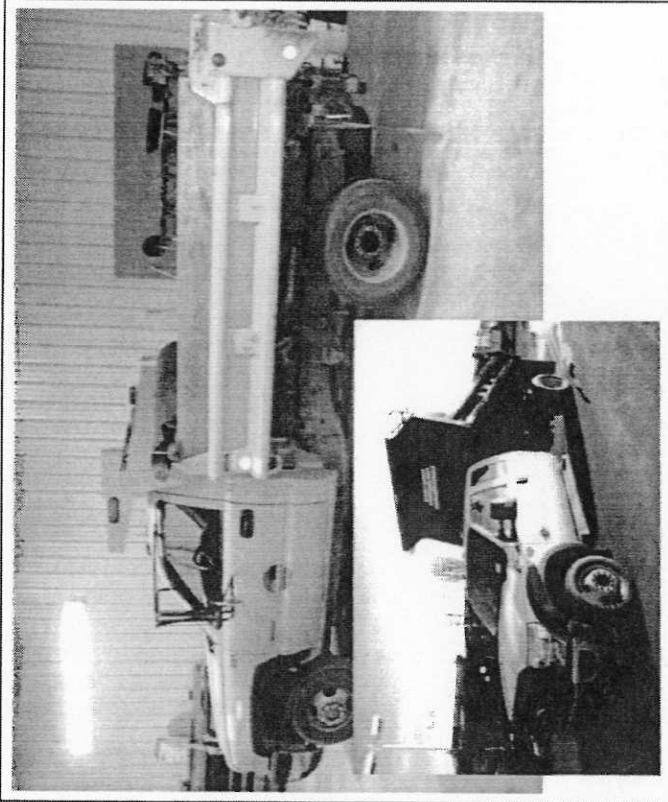
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Current 201 is in mid life but is programmed to be replaced in 2018. It has over 65587 miles and will meet its life expectancy by 2018. One ton pick-up trucks are the "work horses" of DPWs fleet as they are the most versatile vehicle in an urban environment. 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.

Is this a replacement item? Yes. It would 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.

Quote from Grappone Truck/Fairfield Equipment - 9/2012
F-550 - 40,600; Dump Body, Plow, Sander for either truck chassis: \$33,000; radio: \$2,000



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							
General Fund					\$75,000		\$75,000
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
		\$0	\$0	\$0	\$75,000	\$0	\$75,000
Commence FY:	Quarter:						
	Prior Years' Funding						
	Total Project						\$75,000

Project Title:	Replacement of One-Ton Dump Truck No. 202		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 17, 2012	II
			Project Cost:
			\$75,000

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 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.

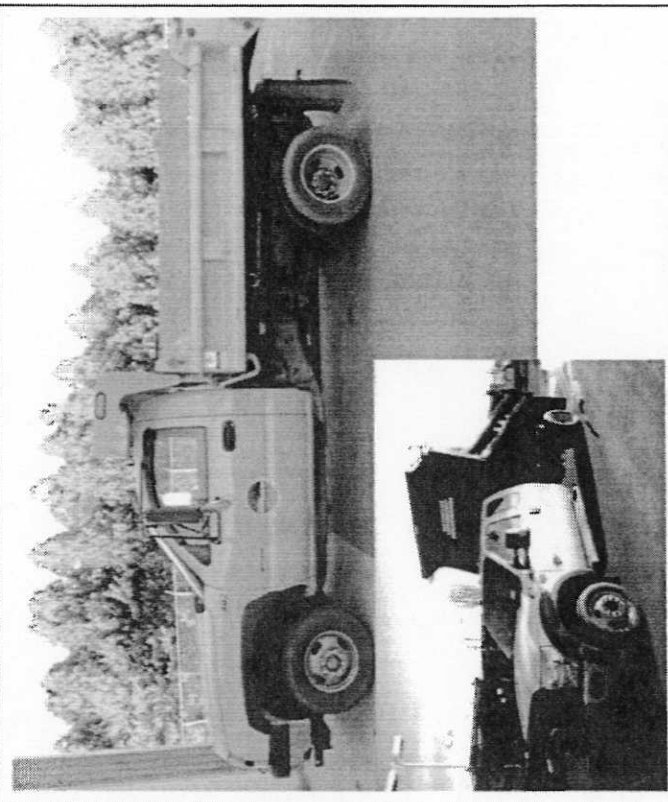
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? It has over 50475 miles and will meet its life expectancy by 2018. One ton pick-up trucks are the "work horses" of DPWs fleet as they are the most versatile vehicle in an urban environment. 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.

Is this a replacement item? Yes. It would 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?

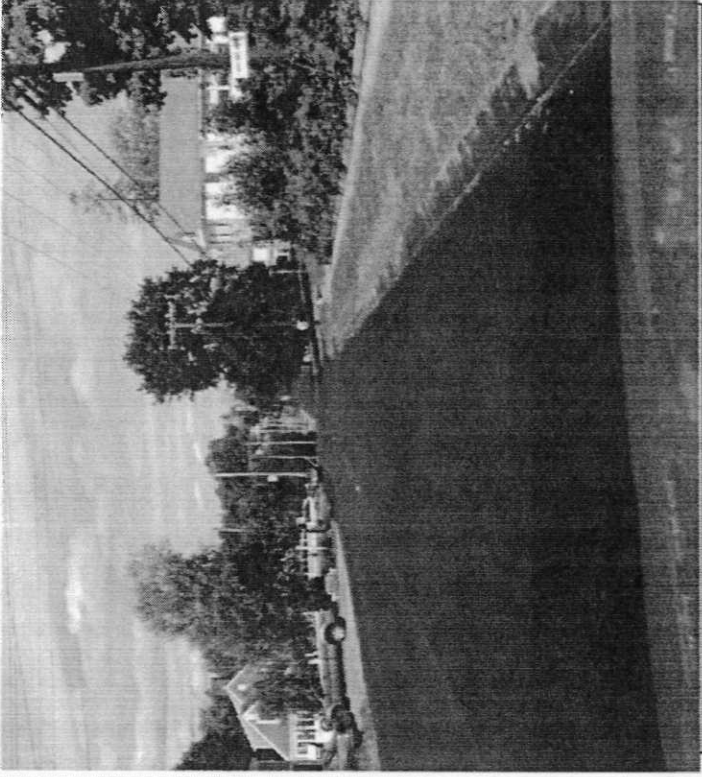
4. List name of Firm and price of quotes received.

Quote from Grappone Truck/Fairfield Equipment - 9/2012
F-550 - 40,600; Dump Body, Plow, Sander for either truck chassis: \$33,000; radio: \$2,000



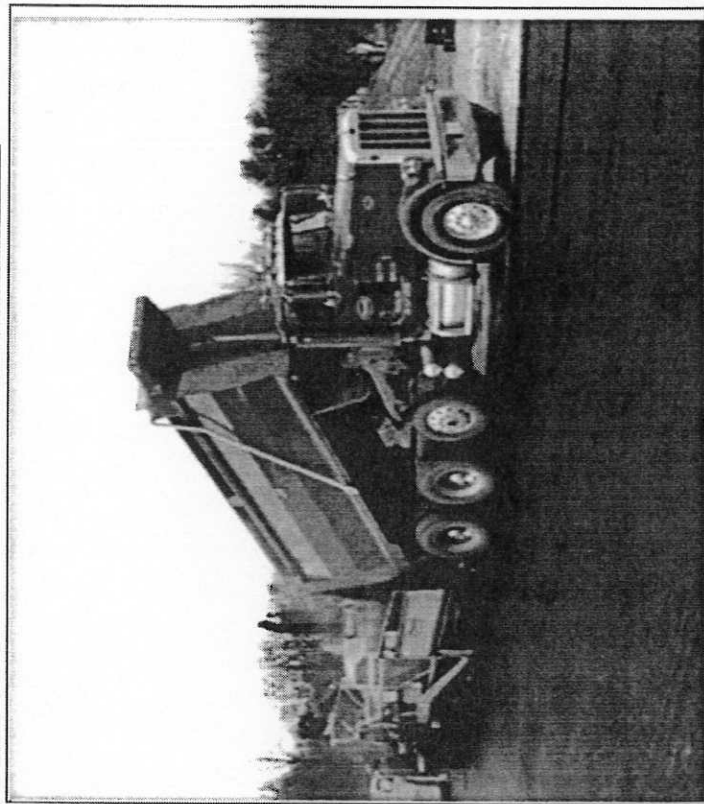
Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund						\$75,000	\$75,000
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
		\$0	\$0	\$0	\$0	\$75,000	\$75,000
Commence FY:	Prior Years' Funding						
	Total Project						\$75,000

Project Title:		Road Resurfacing				
Department:	Submitted By:	Date:	Priority:	Project Cost:		
Public Works	Thomas H. Willis	September 17, 2012	I	\$375,000 /year		

1. General Project Description: The City has assembled a Road Surface Management System (RSMS) Plan, which is updated regularly. This will fund pavement maintenance including crack sealing, pavement shims and overlays and milling (cold plane) and overlays. Funds the RSMS program as developed by the City in 2010. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This program saves money by reducing the cost of reconstruction of roadways. There is currently 62.5 miles of roads that are maintained by the city. The city needs to perform maintenance on at least four miles of roads per year to maintain the long term status quo of the street conditions and prevent further degradation. To implement the RSMS as drafted we will need approximately \$375,000 per year, exclusive of funds for street reconstruction. An average of \$300K would be dedicated to resurfacing and \$75K for cracksealing. 3. Is this a replacement item? No If NOT, how was the need previously met? This project is for maintenance of the current City streets. 4. List name of Firm and price of quotes received. Targeted Budget number			
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	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
Totals	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$2,250,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$2,250,000

Project Title:	Pavement Reconstruction		
Department:	Submitted By:	Date:	Project Cost:
Public Works	Thomas H. Willis	September 17, 2012	\$1,000,000
	Priority:	I	

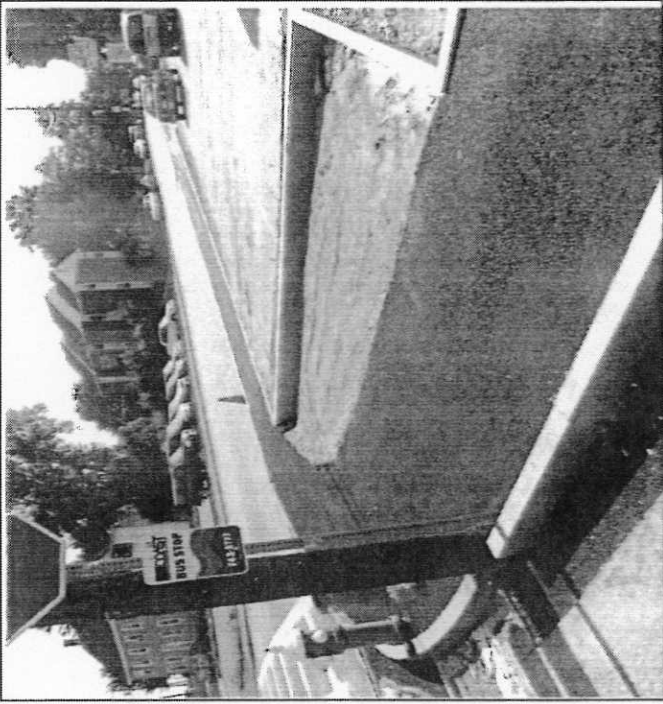


- General Project Description:**
The City has assembled a Road Surface Management System (RSMS) Plan, which is updated regularly. This will fund pavement reconstruction of streets where the pavement has failed and a full depth reclamation is necessary. This work will initially be done on streets where the underground infrastructure is sound and does not need immediate rehabilitation. Funds the reconstruction of streets using the RSMS program as developed by the City in 2010.
- 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 is currently 62.5 miles of roads that are maintained by the city, many of which have degraded to the point that full depth reclamation is the only method to bring the surface back to acceptable condition.
- Is this a replacement item?** No
If NOT, how was the need previously met?
This project is maintenance of current City streets.
- 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 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds	\$1,000,000		\$1,500,000				\$2,500,000
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$1,000,000		\$1,500,000			\$0	\$2,500,000
Commence FY:	Quarter:					Prior Years' Funding	Total Project
							\$2,500,000

Project Title:	Sidewalk Rehabilitation and Maintenance Plan				
Department:	Submitted By:	Date:	Priority:	Project Cost:	
Public Works	Thomas H. Willis	September 17, 2012	II	\$50,000 per year	

1. General Project Description? Repair sidewalks in the City, starting in the downtown area and near schools. Improve accessibility throughout the City. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? This would improve the sidewalks and make the City much more pedestrian friendly. Staff will work with the City Council's Public Works and Environment Committee to determine project areas each year for recommendation to the full Council. There are approximately 24 miles of sidewalk in the city. Many are in very poor condition. This will serve to provide funding to make improvements. 3. Is this a replacement item? This is an infrastructure improvement. If NOT, How was the need previously met? A \$10,000 budget for repairs. 4. List name of Firm and price of quotes received. Will proceed according to a sidewalk maintenance plan prepared by the City Engineer w/ input from the Public Works and Environment Committee. Budget Item						
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Commence FY:	Prior Years' Funding						
	Total Project						\$300,000

Project Title:		Street Reconstruction Associated with Utility Work									
Department:	Submitted By:	Date:	Priority:	Project Cost:							
Public Works	Thomas H. Willis	September 17, 2012	I	\$510,000							

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 FY2016 on Main Street between Ingido Hill Road, southward to Nadeau Drive and the other in FY 2018 on associated with the water work planned for Cemetery Road. Third, Chesley, Lee, and River Streets with design engineering to occur in FY-19. This item complements Road Resurfacing program. Selection of locations may be amended by results of water system review currently underway 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 after utility 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.										
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund						\$30,000	\$30,000
Bonds			\$240,000		\$240,000		\$480,000
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$0	\$240,000	\$0	\$240,000	\$30,000	\$510,000
Commence FY:	Prior Years' Funding						
	Total Project						\$510,000

Project Title:	Combination Plow Truck No. 306			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Public Works	Thomas H. Willis	September 17, 2012	II	\$155,000

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 50320 miles. New truck will become a front line vehicle. Sander will not be purchased by 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.**

Price based on quote received from Liberty International for truck and chassis - \$85,000 outfitted with dump body, front wing and plow \$65,000; allowance for lights and radio - trade not factored in price. Trade-in value approximately \$15,000.



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds/Lease						\$155,000	\$155,000
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals		\$0	\$0	\$0		\$155,000	\$155,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$155,000

Project Title:	Emergency Generator - Public Works		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 17, 2012	II
			Project Cost:
			\$40,000

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. Additionally, emergency egress lighting will be installed at the DPW building at the same time to comply with current codes. 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 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.

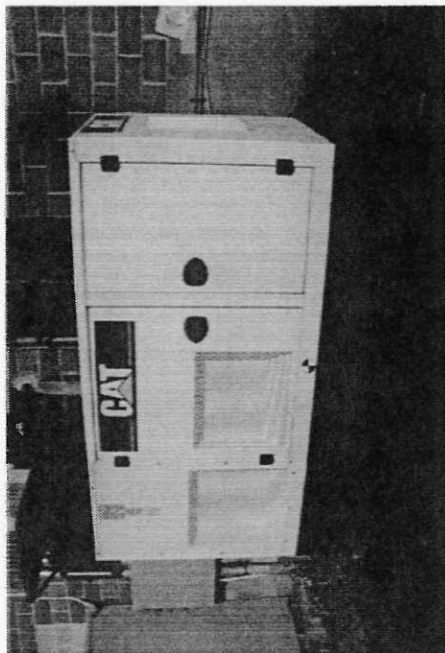
3. Is this a replacement item? No.

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.

Phone system needed to be replaced.

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

Price for recent similar installation in neighboring community.



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$20,000
Bonds	\$20,000						\$0
Grant	\$20,000						\$20,000
Enterprise Fund							\$0
Other							\$0
Totals	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
Commence FY:	Prior Years' Funding						Total Project
							\$40,000

Project Title:	Installation of Used Oil Furnace at DPW Facility		
Department:	Submitted By:	Date:	Priority:
Public Works	Thomas H. Willis	September 17, 2012	II
			Project Cost:
			\$15,000

1. General Project Description:

To install a used oil furnace to supplement heating system at the Public Works Facility and to take a small step in being more sustainable.

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

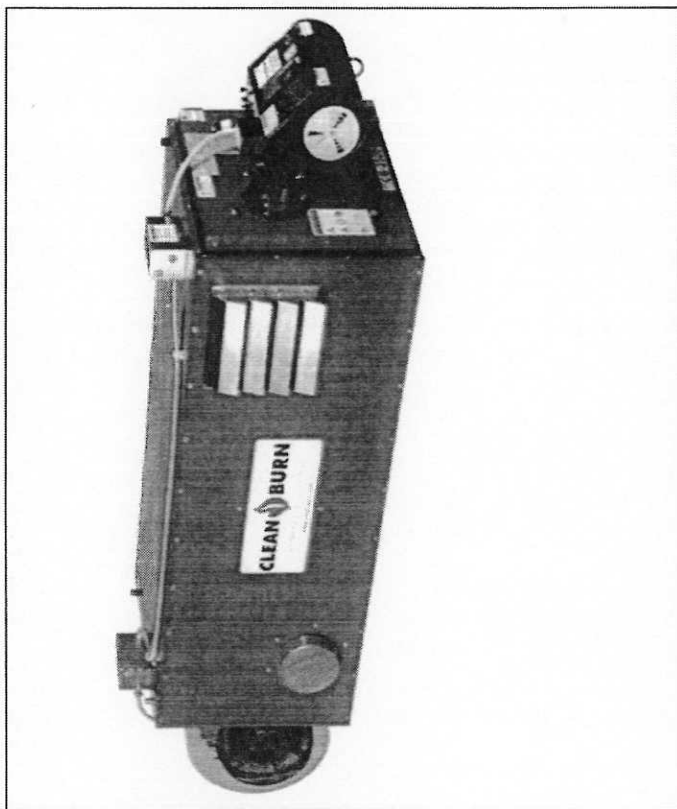
This will be used to heat the main truck bay in the public works facility to lower our dependence on expensive propane as a heating source. In FY-2012, we spent over \$11,000 to heat the building. Having a used oil furnace will enable the city to use fuel that it receives at no charge. This unit will be used to heat about 35 percent of the space within the building. We will defray some of the cost of the installation by applying for a grant from the Used Oil Program at NHDES, which offers \$2,500 grants for such installation. The used oil that we currently take in from residents is removed periodically by a local business at no cost to the city, who uses it for energy recovery. This will involve the installation of a day tank, piping, and a transfer pump to move the oil from the collection area to garage bay.

3. Is this a replacement item? NO

If NOT, how was the need previously met? Current infrastructure.

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

4. List name of item and price of quoted item.
Arrow Equipment - \$10,000 Equipment, \$5,000 Installation



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund		\$12,500					\$12,500
Bonds							\$0
Grant		\$2,500					\$2,500
Enterprise Fund							\$0
Other							\$0
Totals	\$0	\$15,000		\$0	\$0	\$0	\$15,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$15,000

Project Title:	District Wide - HVAC, Ventilation Design, Plan & Specifications		
Department: DW-90	Submitted By: Andy Lucier	Date: September 2012	Priority: I
			Project Cost: \$2,500,000

Project Description:

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

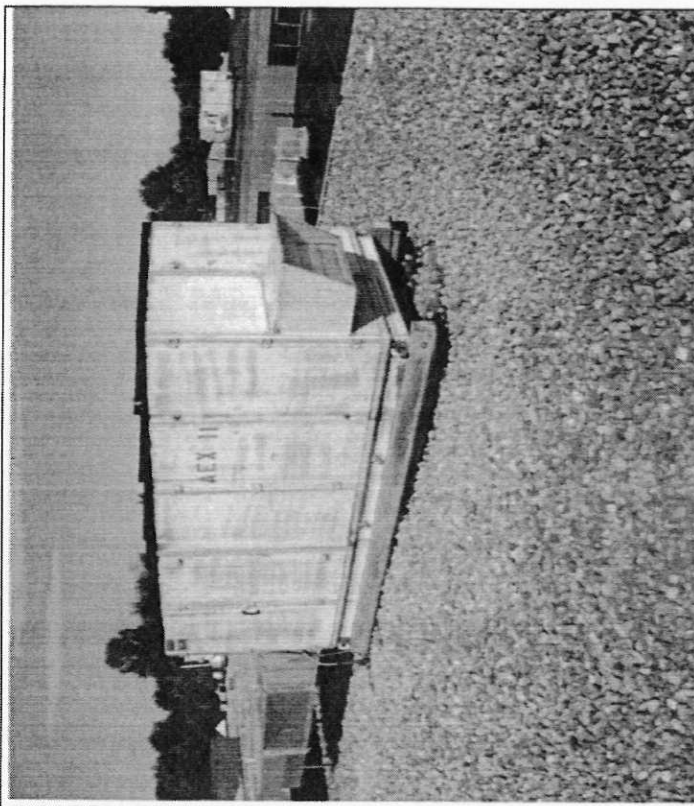
Is this a replacement item? Yes**If NOT, How was the need previously met?**

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

Quotes received:

Hanson-Fox Estimate

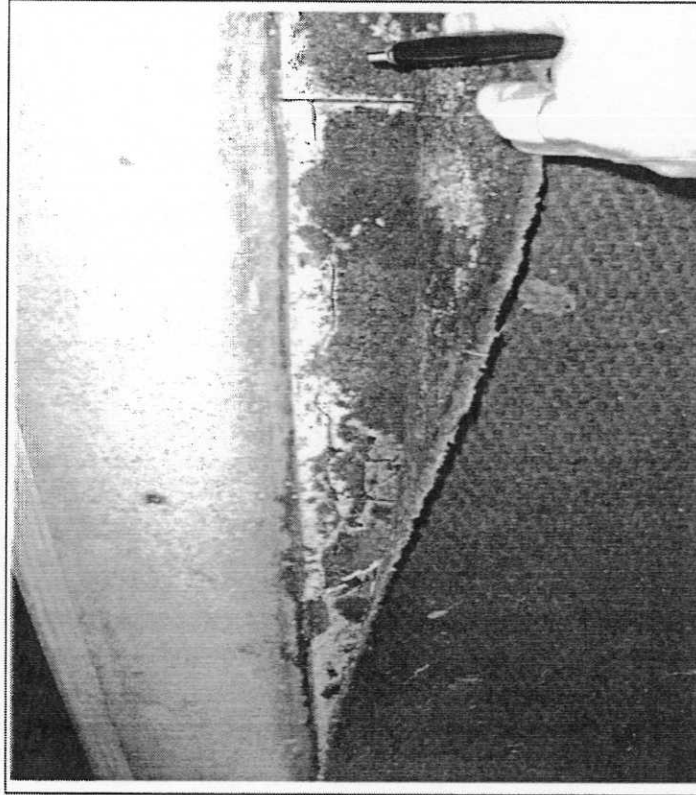
Building Aid? No **Percent Reimbursable? 0%**



Total Project Funds:		FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other		\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000
	Totals	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$2,500,000

DATA ENTRY FORM # K2

Project Title:	High School - Asbestos Flooring Replacement		
Department: HS-31	Submitted By: Sharon Lampros	Date: September 2012	Priority: Project Cost: \$300,000
		II	



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 September 2011

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

Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other	\$300,000						\$300,000
Totals	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300,000
Commence FY:	Prior Years' Funding						Total Project
							\$300,000

Project Title:	Middle School - Asbestos Flooring Replacement						
Department: MS-21	Submitted By: Dana Hilliard	Date: September 2012	Priority: II	Project Cost: \$300,000			
Project Description: OBJECTIVE: Remove existing vinyl asbestos tile (VAT) flooring. Middle School approximately 16,650 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 September 2011 Building Aid? No Percent Reimbursable? 0%							
							
Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other	\$300,000						\$300,000
Totals	\$300,000	\$0		\$0	\$0	\$0	\$300,000
Commence FY:	Quarter:			Prior Years' Funding		Total Project	\$300,000

Project Title:	District Wide - School Security		
Department: DW-90	Submitted By: Andy Lucier	Date: September 2012	Priority: III
			Project Cost: \$606,000

School security is a key issue facing all school district's. The district is proposing a number of improvements which should not be disclosed in this public document.

- A. Increased safety of students\staff
- B. Reduce maintenance and repair costs.
- C. Reduced vandalism.

Quotes received:
SIGNET Electronic Systems Estimate

A black and white photograph of a modern building. The right side of the image is dominated by a large, light-colored wall with a rough, textured surface. On the left, there is a dark, angular structure that appears to be part of the building's facade or a shadow. The overall composition is abstract and geometric.

Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other	\$606,000						\$606,000
Totals	\$606,000	\$0	\$0	\$0	\$0	\$0	\$606,000
Commence FY:	Quarter:	Prior Years' Funding					Total Project
							\$606,000

Project Title:	Maple Wood Elementary - Relocate/Renovate Main Office			
Department: MW-13	Submitted By: Andy Lucier	Date: September 2012	Priority: III	Project Cost: \$726,000

Project Description:

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

OBJECTIVE:

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

Is this a replacement item?

If NOT, How was the need previously met?

SOLUTION:

Design an addition in front of the present Administration Area.

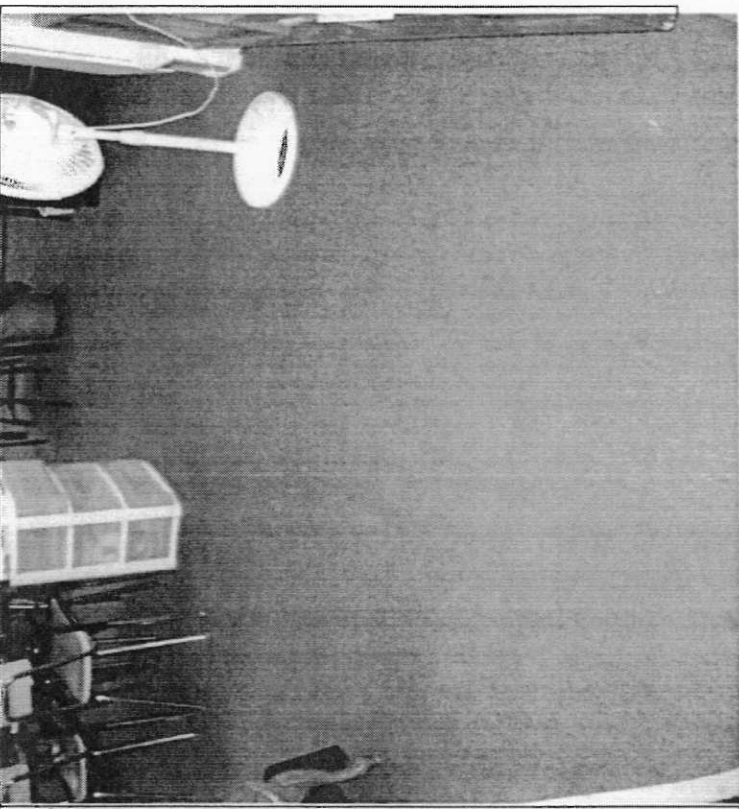
Quotes received:

Harriman Estimate - Revised September 2011

Building Aid? No	Percent Reimbursable? 0%
☐	☐

Total Project Funds:		FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other		\$726,000						\$726,000
	Totals	\$726,000	\$0	\$0	\$0	\$0	\$0	\$726,000
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$726,000

Project Title:	Middle School - Renovations and Floor Replacement				
Department: MS-21	Submitted By: Andy Lucier	Date: September 2012	Priority: III	Project Cost: \$450,000	

Project Description: OBJECTIVE: Renovate the Middle School areas to adjust for 5th grade moving to new Elementary School. To comply with Department of Education Rules and Guidelines. Replace carpeting and floor tile in the original wing. This will be a two phase process due to summer programming at the school. Is this a replacement item? Yes If NOT, How was the need previously met? SOLUTION: 1. Library area expansion with adjoining new Computer Lab and AV/Periodical Storage. 2. Relocate Tech Ed from High School to second floor with Book Storage area. 3. Second floor front (3) classrooms adjust to meet NHDOE 900 sq.ft. (2) classrooms and Guidance area. This project expenditure will improve service, productivity, or lower operating cost to the City of Somersworth as follows: A. Improve safety and comfort of students and staff. B. Reduce IAQ issues C. Reduce cleaning time. Quotes received: Harriman Estimate - Revised September 2011 Best estimate at XX per sf. for removal and replacement. Wish to replace with 30 year life carpet or sound resistant vinyl. Building Aid? No Percent Reimbursable? 0%					
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Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$450,000
Totals	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000
Commence FY:	Prior Years' Funding						Total Project
Quarter:							\$450,000

Project Title:	Middle School - Re-Hab Bathrooms/Including ADA Imp		
Department: MS-21	Submitted By: Andy Lucier	Date: September 2012	Priority: IV
		Project Cost: \$416,000	

Project Description:

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

OBJECTIVE:

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

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

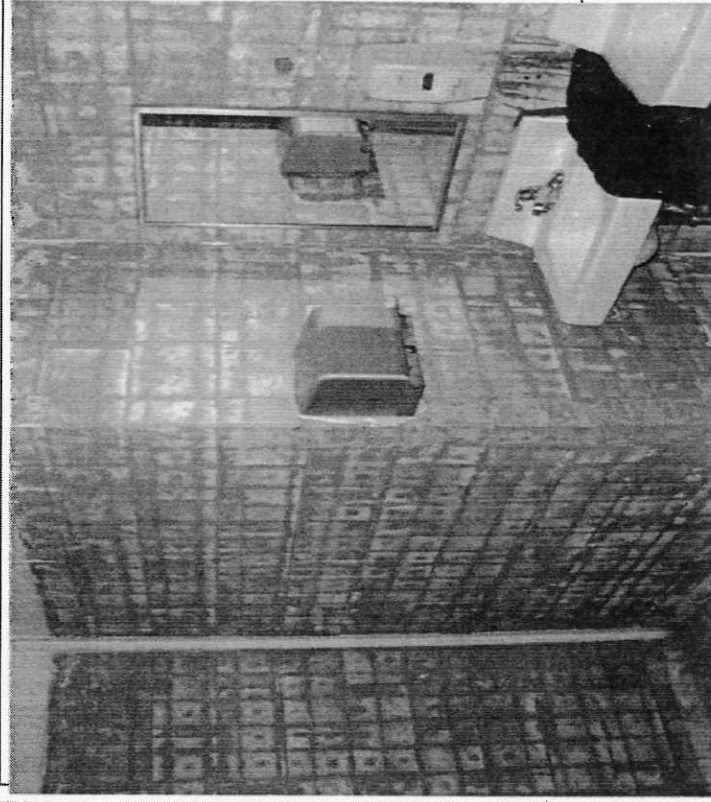
SOLUTION:

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

Quotes received:

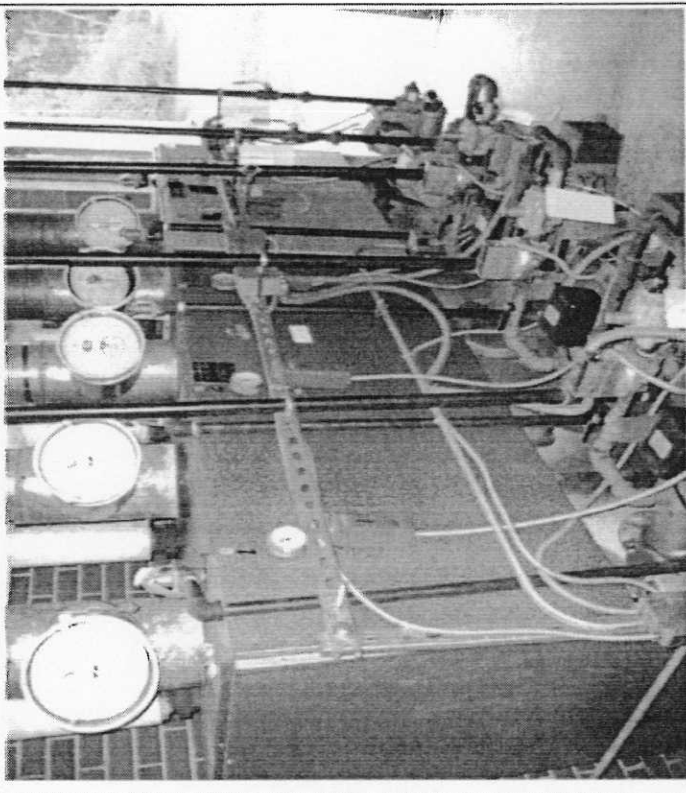
Harriman Estimate - Revised September 2011

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



Total Project Funds:		FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
		\$416,000						\$416,000
	Totals	\$416,000	\$0	\$0	\$0	\$0	\$0	\$416,000
Commence FY:	Quarter:							
							Prior Years' Funding	
							Total Project	\$416,000

Project Title:	Middle School - Replace Boilers and Controls 1 through 5		
Department: MS-21	Submitted By: Andy Lucier	Date: September 2012	Priority: IV
		Project Cost: \$516,000	



Project Description:
Replace Middle School boilers and controls

OBJECTIVE:
Energy efficient units with controls

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

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

Quotes received:
Best estimate at this time is \$516,000

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

Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other	\$516,000						\$516,000
Totals	\$516,000	\$0	\$0	\$0	\$0	\$0	\$516,000
Commence FY:	Prior Years' Funding						Total Project
							\$516,000

Project Title:	Career Technical Center - Two Hot Water Heaters		
Department: CTC-33	Submitted By: Bette Chamberlain	Date: September 2012	Priority: Project Cost:\$27,321
			V

Project Description: Replace 750 gallon hot water heater with two 300 gallon hot water heaters. More energy efficient. If one goes down have a back up. Will run in series.

Is this a replacement item? Yes

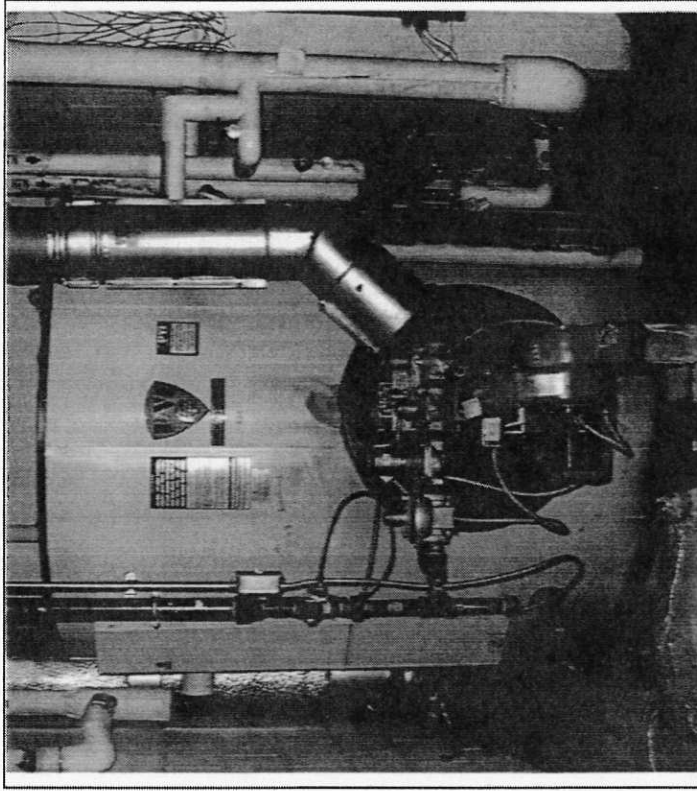
If NOT, How was the need previously met?

Existing system is 17 years old with average life expectancy of 10 years. Is rusting now.

Quotes received:

Martel Plumbing

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



Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other	\$27,321						\$27,321
Totals	\$27,321	\$0	\$0	\$0	\$0	\$0	\$27,321
Commence FY:	Quarter:	Prior Years' Funding					Total Project
							\$27,321

Project Title:	District Wide - Annual Painting & Ceiling Tile Program		
Department:90	Submitted By: Andy Lucier	Date: September 2012	Priority: V
			Project Cost: \$120,000

Project Description:

Annual planning for maintaining the operating environment of schools.

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

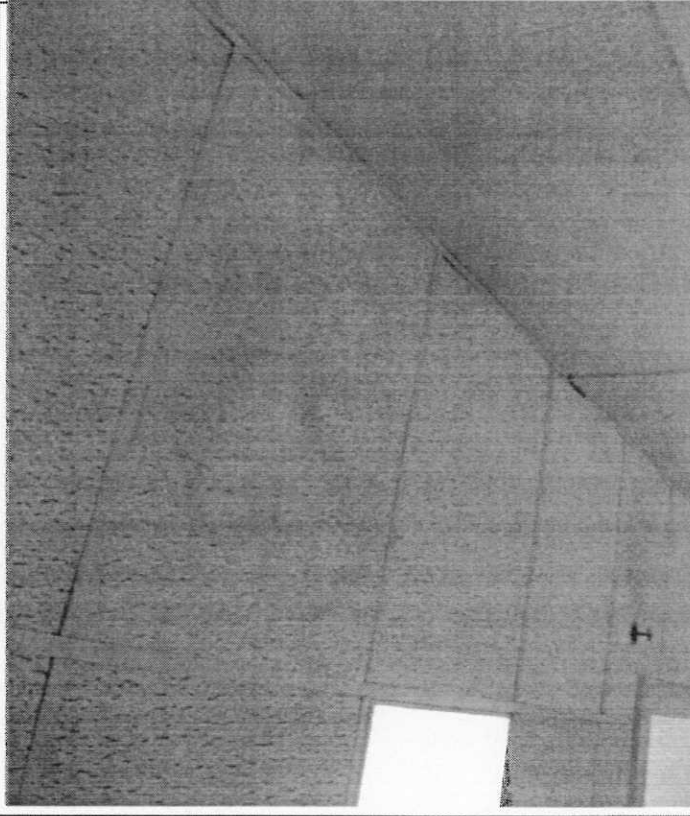
- A. Reduces operating costs
- B. Reduces energy costs
- C. Improves community perception of buildings.

Is this a replacement item? No

If NOT, How was the need previously met?

Quotes received:

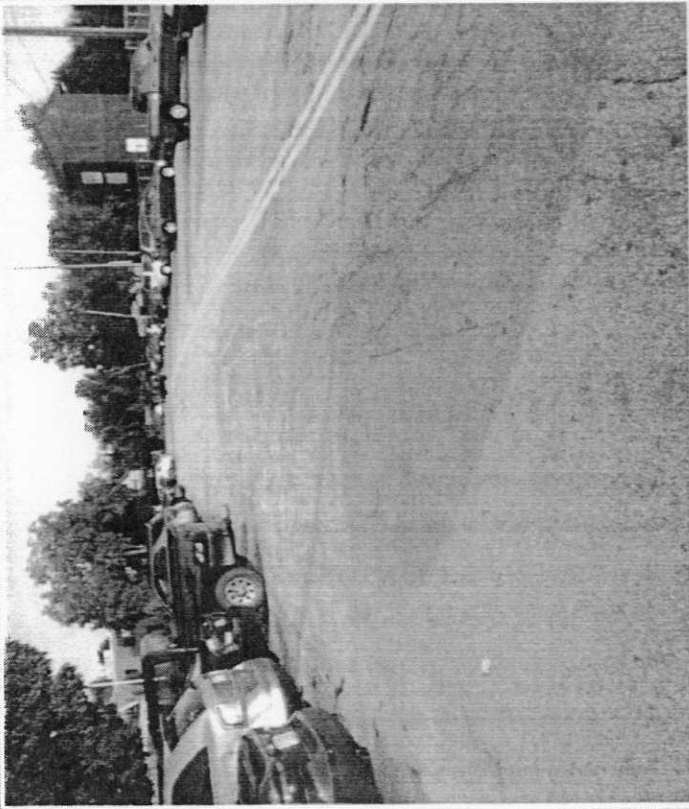
Based upon annual need and set at this amount on an annual basis. Plans call for this to be included in the annual operating budget of the Somersworth School District.



Total Project Funds:		FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:								
General Fund		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$0
	Totals	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000
Commence FY:	Quarter:				Prior Years' Funding			
					Total Project			\$120,000

DATA ENTRY FORM # K12

Project Title:	District Wide - Memorial Drive Paving - Pending School District Budget Approval		
Department: DW	Submitted By: Chris Jacobs	Date: September 2012	Priority: V
			Project Cost: \$39,000

Project Description: The City Engineer would like a contractor to pave the parking areas that abut the travel way. Sweep, tack, shim, adjust structures and overlay. Is this a replacement item? Yes If NOT, How was the need previously met? Quotes received: Chris Jacobs, PE, City Engineer Building Aid? No Percent Reimbursable? 0%	
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Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$39,000
Totals	\$39,000	\$0	\$0	\$0	\$0	\$0	\$39,000
Commence FY:	Quarter:	Prior Years' Funding					Total Project
							\$39,000

Project Title:	District Wide- Gym Bleacher Seating Repairs and Maintenance		
Department: DW-90	Submitted By: Andy Lucier	Date: September 2012	Priority: V
			Project Cost: \$36,600

Project Description:

Seating is currently in need of repairs. This project would meet life/safety codes. Gym floor would be redone as part of preventive maintenance program so that both projects would take place at the same time.

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

A. Improve safety

Is this a replacement item? No

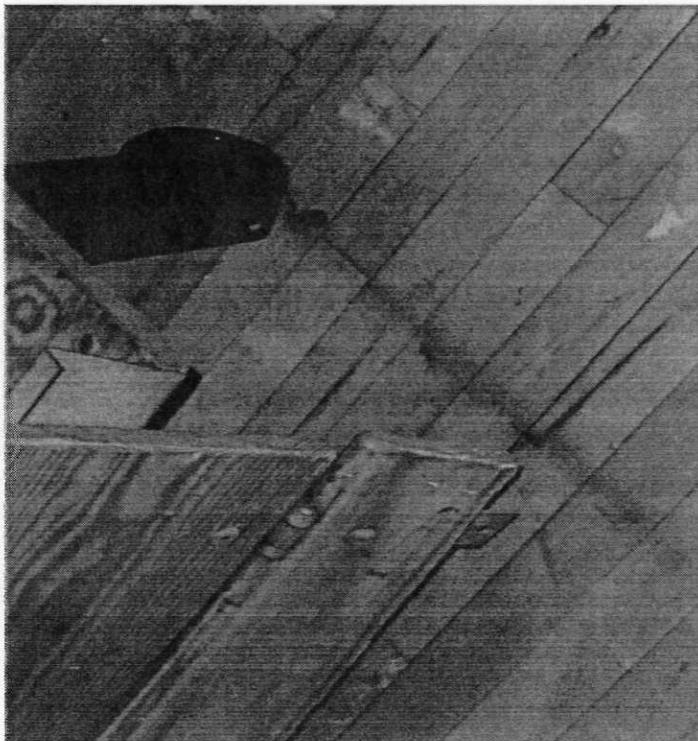
If NOT, How was the need previously met? Old bleachers.

Quotes received:

Team Design - Harriman Estimate

Building Aid? No

Percent Reimbursable? 0%



Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund	\$11,600	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$36,600
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$36,600
Commence FY:				Prior Years' Funding			\$0
				Total Project			\$36,600

Project Title:	High School - Kitchen Floor Replacement		
Department: SHS-31	Submitted By: Andy Lucier	Date: September 2012	Priority: V

Project Description:

Replace High School Kitchen Flooring

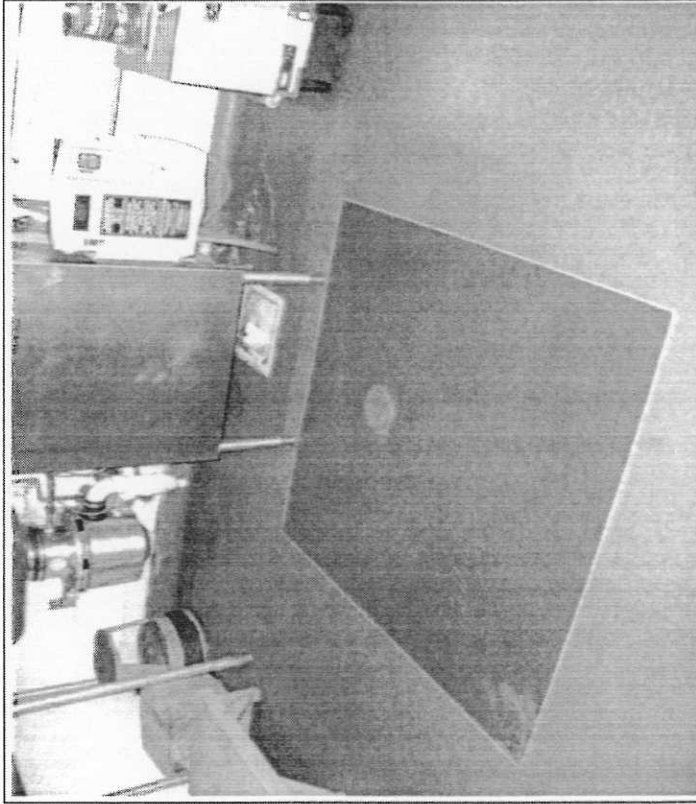
Is this a replacement item? Yes

If NOT, How was the need previously met?

The floor is currently approximately 19 - 20 years

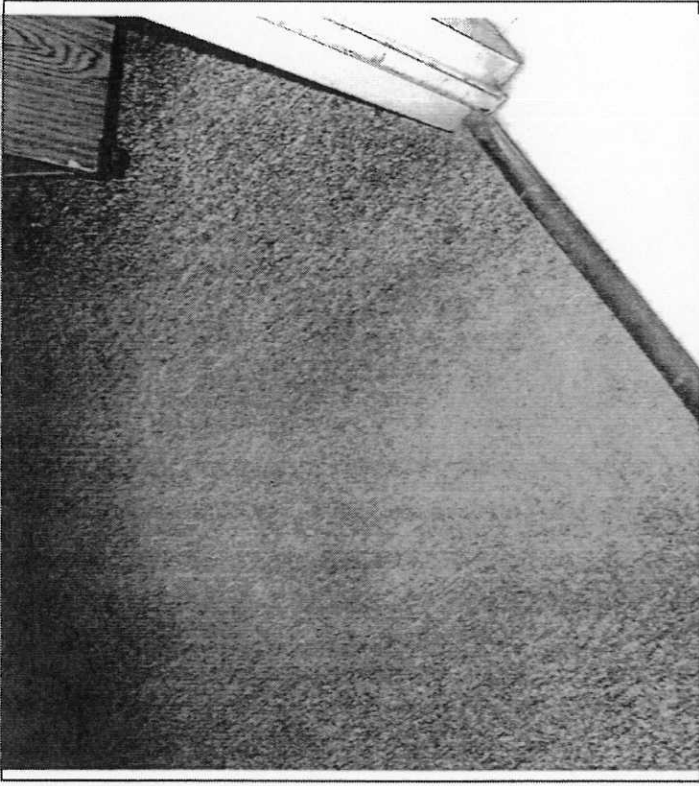
Quotes received:

Andy Lucier - Estimate



Total Project Funds:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other	\$25,000						\$25,000
	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000
Totals							
Commence FY:	Quarter:	Prior Years' Funding					
		Total Project					\$25,000

Project Title:		Maple Wood Elementary - Carpet Replacement Program				
Department: MW-13	Submitted By: Tamara Hallee	Date: September 2012	Priority: V	Project Cost: \$240,000		

Project Description: Built in 1979, the carpet is over 25 years old and wearing out rapidly. We propose to do one wing per year for five (5) years. This project expenditure will improve service, productivity, or lower operating cost to the City of Somersworth as follows: A. Improve air quality B. Reduce cleaning time		
Is this a replacement item? Yes If NOT, How was the need previously met? 25+ year old carpet		
Quotes received: Best estimate at this time is \$40,000 per year.		
Total Project Funds: Sources: General Fund Bonds Grant Enterprise Fund Other		
Commence FY: Quarter:		

	FY14	FY15	FY16	FY17	FY18	FY19	Total
General Fund	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$240,000
Bonds							\$0
Grant							\$0
Enterprise Fund							\$0
Other							\$0
Totals	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$240,000
Prior Years' Funding							
Total Project							\$240,000

Project Title:	Middle School - Repairs to Exterior walls of 1962 Section & Doors/Windows		
Department: MS-21	Submitted By: Dana Hilliard	Date: September 2012	Priority: Project Cost: \$255,000
			V

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. Site 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:		FY14	FY15	FY16	FY17	FY18	FY19	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund								\$0
Other								\$255,000
	Totals	\$255,000	\$0	\$0	\$0	\$0	\$0	\$255,000
Commence FY:	Quarter:						Prior Years' Funding	
							Total Project	\$255,000

Project Title:	Water Main on Main St.		
Department:	Submitted By:	Date:	Priority:
Water	Thomas H. Willis	September 18, 2012	II
			Project Cost:
			\$363,000

1. General Project Description:

To replace the water main on Main St. (approximately 3,000 ft. Indigo Hill Road to Nadeau Drive). Highway and Sewer improvements will be done in conjunction with this work. Timing and scope of this project could change based on the results an engineering study now underway by Wright-Pierce on the entire distribution system. Funding for this year will be for preliminary engineering for the highest priority capital item identified by the Wright-Pierce study

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. We would wrap the new pipe to prevent corrosion 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 from contractors at \$120/ft. This project should be done when Main Street is scheduled for resurfacing, which is 2014. It was last paved in the late 70's.



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund		\$30,000	\$333,000				\$363,000
Other							\$0
	Totals	\$0	\$333,000	\$0		\$0	\$363,000
Commence FY:	Quarter:					Prior Years' Funding	Total Project
							\$363,000

Project Title:	Replacement of Water Main on Cemetery Rd			
Department:	Submitted By:	Date:	Priority:	Project Cost:
Water	Thomas H. Willis	September 19, 2012	II	\$288,000

1. General Project Description: Replacement of the old pipe on Cemetery Road (approximately 2,400 ft. from Memorial Drive to Maple Street). Timing and scope of this project could change based on the results an engineering study now underway by Wright-Pierce on the entire distribution system. Funding for this year will be for preliminary engineering for the highest priority capital item identified by the Wright-Pierce study 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. 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 from contractors are \$120 per foot of pipe installed. This project should be done at the time of the resurfacing. Because of frost heaves, additional work may need to be done to the road. Last paved in 1992. Project moved to match the road resurfacing schedule.					
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund				\$38,000	\$250,000		\$288,000
Other							\$0
Totals		\$0		\$38,000	\$250,000	\$0	\$288,000
Commence FY:	Quarter:				Prior Years' Funding	Total Project	\$288,000

Project Title:	Replacement of in Brickyard Area		
Department:	Submitted By:	Date:	Priority:
Water	Thomas H. Willis	September 19, 2012	II
			Project Cost:
			\$432,000

1. General Project Description:

Replacement of the old pipe in Brickyard area including Third St, Chesley, Lee, and River Street between Buffumville and Indigo Hill Roads (approximately 2,200 ft). Estimated construction cost (FY2019) is \$400,000. Timing and scope of this project could change based on the results an engineering study now underway by Wright-Pierce on the entire distribution system. Funding for this year will be for preliminary engineering for the highest priority capital item identified by the Wright-Pierce study

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

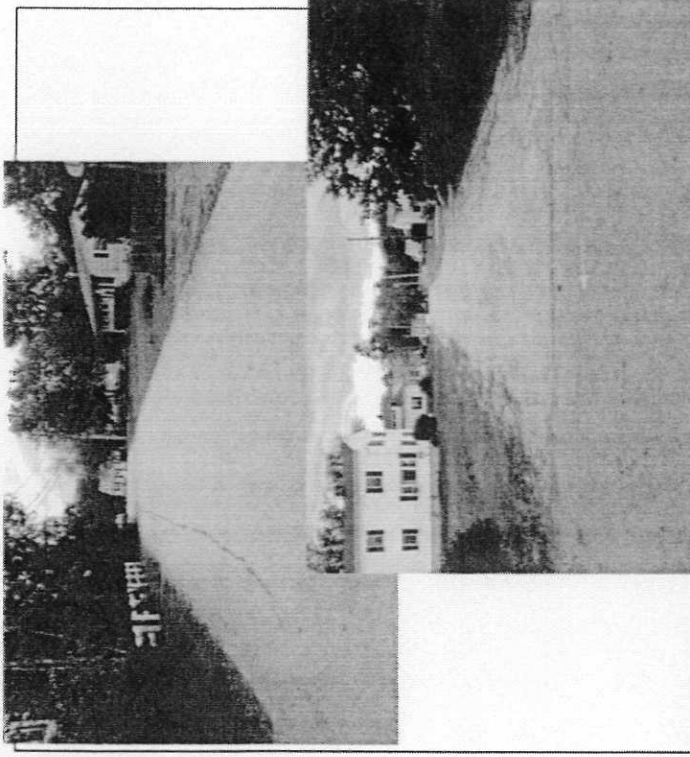
The pipe that was previously installed is 4" unlined cast iron pipe. There has been a history of water main breaks in the area including River Street in recent years. The new pipe will provide reliable distribution and be upsized to provide increased fire flow protection.

3. Is this a replacement item? Yes

If NOT, how was the need previously met?

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

Cost estimate based on unit prices from similar projects in the area. Funding should be considered for sewer, drainage, and pavement improvements.



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund						\$32,000	\$32,000
Other							\$0
		\$0	\$0	\$0		\$32,000	\$32,000
Commence FY:							
	Quarter:					Prior Years' Funding	
						Total Project	\$32,000

Project Title:	SCADA Software Upgrade - Water Treatment Plant		
Department:	Submitted By:	Date:	Priority:
Water	Thomas H. Willis	September 20, 2012	II
			Project Cost:
			\$30,000

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.

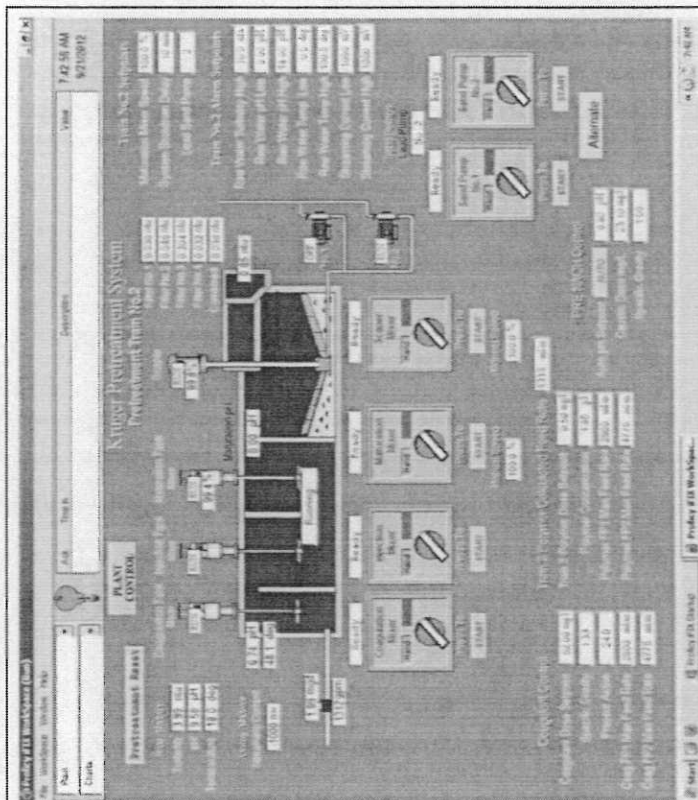
2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?

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 some of the glitches that we are beginning to see 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.



Total Project Funds:		FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:								\$0
General Fund								\$0
Bonds								\$0
Grant								\$0
Enterprise Fund					\$30,000			\$30,000
Other								\$0
Totals		\$0	\$0	\$30,000	\$30,000	\$0	\$0	\$30,000
Commence FY:						Prior Years' Funding		Total Project
								\$30,000

Project Title:	Water Treatment Plant Pump Upgrade Program		
Department:	Submitted By:	Date:	Priority: Project Cost:
Water	Thomas H. Willis	September 18, 2012	III \$81,500

1. General Project Description:

Replace water plant intake and finish water high lift pump 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?

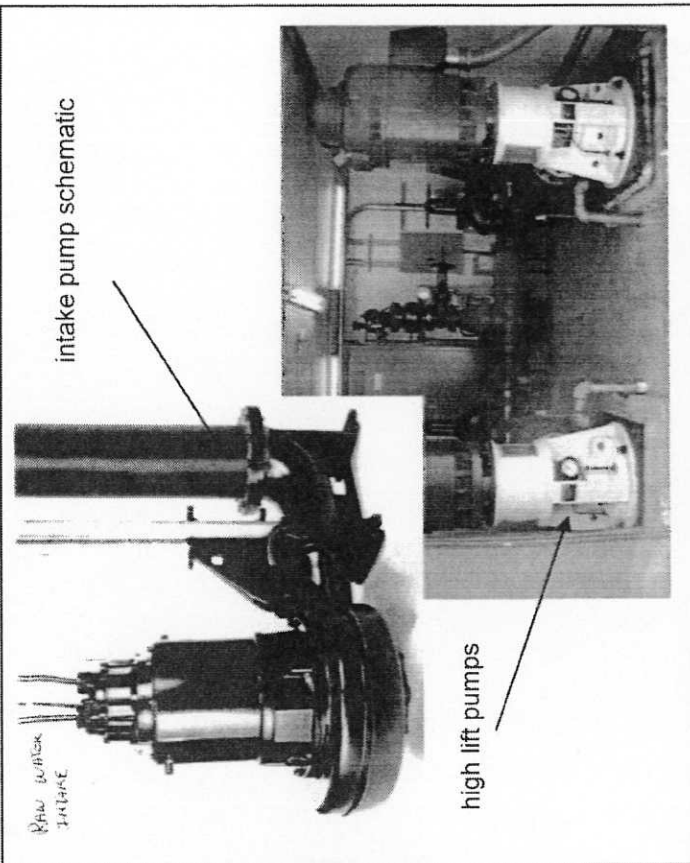
When WTP plan was upgraded in 2007, the treatment capacity was increased but the intake and distribution pumps were not. Current intake pumps are 20 years old and one was serviced in 2010. Finish water pumps are essential to get the water to the storage tanks. Plan is to replace one intake pump and one 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 - \$33,000 per pump utilizing existing flanges, with an allowance for specification and installation costs. - quote from Oct 2011 - Layne Christensen quote for high lift pumps - \$48,500 - 11/2010



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund			\$81,500				\$81,500
Other							\$0
Totals	\$0	\$0	\$81,500	\$0	\$0	\$0	\$81,500
Commence FY:	Prior Years' Funding						
	Total Project						\$81,500

Project Title:	Building Improvements to Water Treatment Facility		
Department:	Submitted By:	Date:	Priority:
Water	Thomas H. Willis	September 19, 2012	II
			Project Cost:
			\$105,000

1. General Project Description?

Make the following building improvements which were not eligible during the upgrade: restore copper gutters; repair slate roof; replace rubber roof on the 1991 addition and to replace windows on the original building. This should be a phased approach with replacement of the 1991 roof and rehabilitation to the 1895 roof most critical. Both roofs have leaks and rubber roof is beginning to lift from its supports; Copper flashing and corner slates need rehabilitation as there are holes in the gutters and valley wear points. Decision needs to be made to preserve the historical appearance of copper and slate or focus on less costly more modern materials. Condition of roof requires a stepped up time period; windows can be done later.

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

This will protect the building and the City's investment.

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.

Interstate Glass for Windows - \$18,000

Cost estimates:

1895 Roof: Slate/ Copper \$30 K for conventional roof (\$102,500 slate roof)

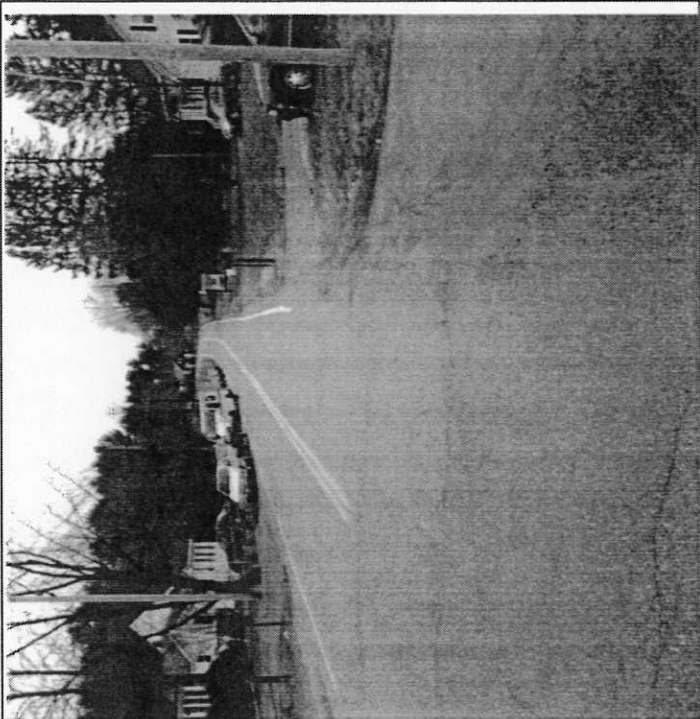
1991 Roof \$57,000

Quote: 09/2012: Viking Roofing Hollis, NH

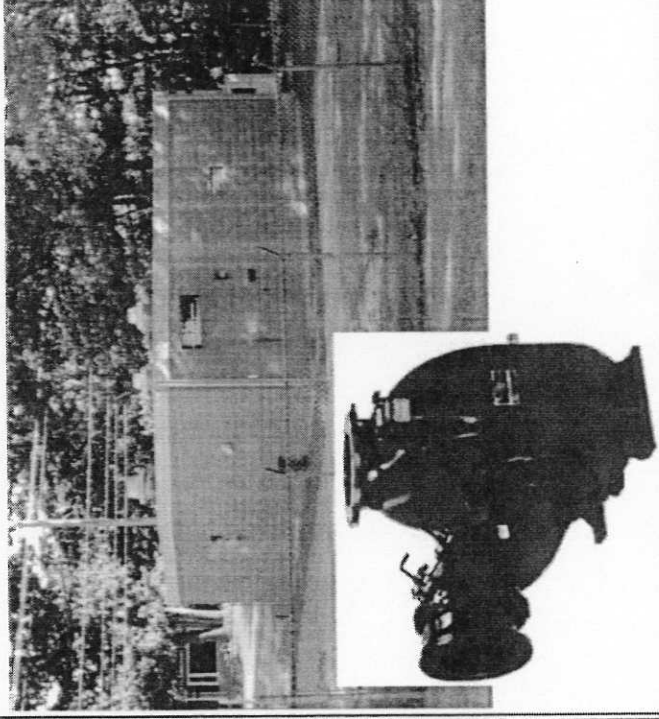
Windows:



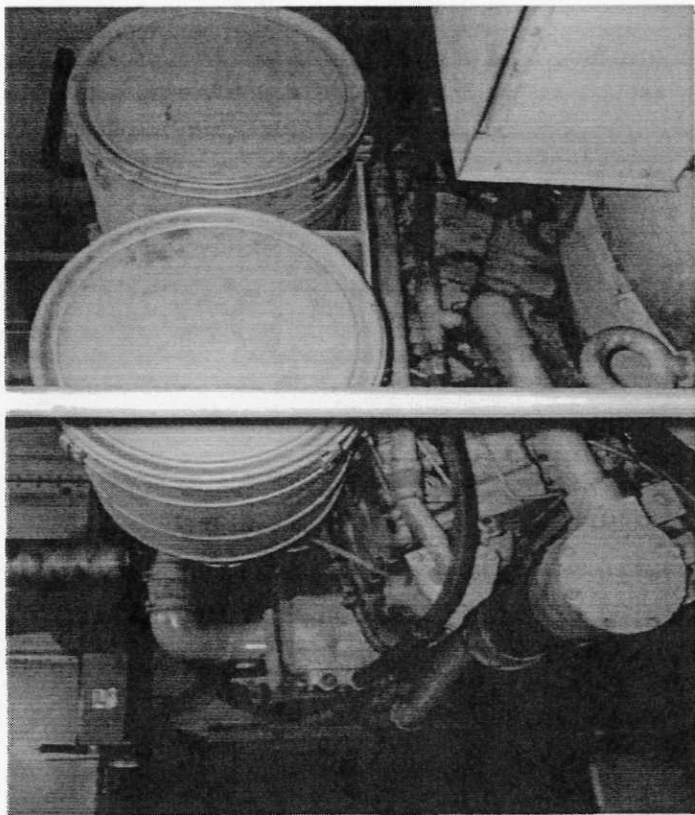
Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund		\$105,000					\$105,000
Other							\$0
	Totals	\$105,000	\$0	\$0	\$0	\$0	\$105,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$105,000

Project Title: Sewer Evaluation and Upgrade Program		Date: September 19, 2012	Priority: II	Project Cost: \$365,000			
Department: Sewer	Submitted By: Thomas H. Willis						
1. General Project Description: This project is to review the condition of the sewer in conjunction with the proposed upgrades to the water distribution piping. The project as proposed is to hire an engineering firm to perform a collection system evaluation from which to prioritize collection system improvements. The intent is to give the highest priorities to areas where both water and sewer improvements require the greatest needs. This will involve diagnostic review of the sewer pipes within the work zone that is planned for the water main replacement program. 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. 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. Unless changed as a result of Wright-Pierce Study: FY-15 and 16 are for Main Street and FY-17 and 18 are for Cemetery Road, FY-19 and 20 are the Brickyard area. Price estimated by City Engineer based on the scope of work contemplated and is subject to change.							
Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund		\$25,000	\$25,000	\$100,000	\$25,000	\$100,000	\$290,000
Other							\$0
Totals	\$25,000	\$25,000	\$100,000	\$25,000	\$100,000	\$15,000	\$290,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$290,000

Project Title:		Blackwater Road Pump Station Improvements				
Department:	Submitted By:	Date:	Priority:	Project Cost:		
Sewer	Thomas H. Willis	September 19, 2012	III	\$150,000		

1. General Project Description: This will fund a mid-life rehab to the Blackwater Rd Pump Station which is 23 yrs. old. City engaged Underwood Engineers to perform a preliminary study of the rehab needs at the station as budgeted in FY 2013. The engineering analysis will determine the condition of the pumps and identify whether it is expedient to rehabilitate or replace pumps. They will be reviewing all aspects of the station including: wet well, pumps, controls, alarms, and standby power. Depending on the results of their review will determine actual cost estimate. This is a place holder based on assumption that pumps, control elements, air handling aspects of the station will need to be replaced. Timetable for replacement will be adjusted accordingly. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? Cost for repairing the current pumps will increase as will electrical costs as the pumps become less efficient due to internal wear of the pump components. This is an essential component of the city's wastewater infrastructure as the pumps convey wastewater from the west side of the city to the WWTP on the east side of town. 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. Cost estimate from Water Industries, Alton, NH Gorman-Rupp NH supplier: Pumps 24,000; controls 42,000; HVAC and electrical: 50,000; Engineering: 20,000.																																																																																
	<table border="1"> <thead> <tr> <th>Total Project Funds:</th> <th>FY 14</th> <th>FY 15</th> <th>FY 16</th> <th>FY 17</th> <th>FY 18</th> <th>FY 19</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Sources:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>General Fund</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Bonds</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Grant</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Enterprise Fund</td> <td></td> <td>\$150,000</td> <td></td> <td></td> <td></td> <td></td> <td>\$150,000</td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>\$0</td> </tr> <tr> <td>Totals</td> <td>\$0</td> <td>\$150,000</td> <td></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$150,000</td> </tr> <tr> <td>Commence FY:</td> <td colspan="6"> <table border="1"> <thead> <tr> <th>Prior Years' Funding</th> <th>Total Project</th> </tr> </thead> <tbody> <tr> <td></td> <td>\$150,000</td> </tr> </tbody> </table> </td> </tr> </tbody> </table>						Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total	Sources:							\$0	General Fund							\$0	Bonds							\$0	Grant							\$0	Enterprise Fund		\$150,000					\$150,000	Other							\$0	Totals	\$0	\$150,000		\$0	\$0	\$0	\$150,000	Commence FY:	<table border="1"> <thead> <tr> <th>Prior Years' Funding</th> <th>Total Project</th> </tr> </thead> <tbody> <tr> <td></td> <td>\$150,000</td> </tr> </tbody> </table>						Prior Years' Funding	Total Project	
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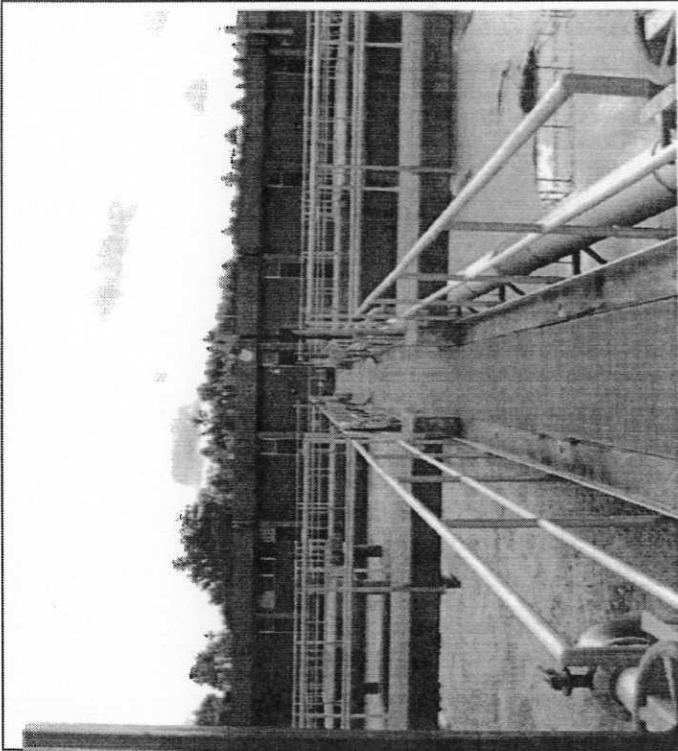
Project Title:	Emergency Diesel Generator - Wastewater Treatment Plant		
Department:	Submitted By:	Date:	Priority:
Sewer	Thomas H. Willis	September 19, 2012	I
			Project Cost:
			\$275,000



- General Project Description?**
This funds the replacement of emergency diesel generator at the Wastewater Treatment Plant. This generator was original equipment when the plant was constructed in 1972. Fuel for current generator is stored in a single walled bare steel underground storage tank, which according to current state regulation must be out of the ground by December 2015. Budget is for outdoor diesel generator set on top of diesel aboveground tank. Would like to consider a natural gas powered unit since gas is available, eliminates risk of spills near river, and has lower emissions, but units are much more costly than diesel.
- How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth?**
Current generator will be over 40 years old by the time it is replaced. A new generator will provide for greater efficiency in fuel consumption and reduced emissions. Generator supplies essential power to the entire wastewater treatment plant during power outages as was demonstrated during Hurricane Irene. Backup power is a requirement of its discharge permit. Initiated contracted programmed maintenance program for this unit to ensure it continues reliable operation.
- Is this a replacement item?** Yes. This is original equipment in 1972, when the wastewater treatment plant was first constructed.
- List name of Firm and price of quotes received.**
Contractors Estimate (Power Up) - Diesel Generator Replacement, includes cost to remove current Underground Storage Tank.

Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund	\$275,000						\$275,000
Other							\$0
Totals	\$275,000		\$0	\$0	\$0	\$0	\$275,000
Commence FY:	Prior Years' Funding						
	Total Project						\$275,000

Project Title:	Main Building Roof Replacement		
Department:	Submitted By:	Date:	Priority:
Sewer	Thomas H. Willis	September 19, 2012	II
			Project Cost:
			\$60,000

1. General Project Description: Replace the entire roof of the main wastewater building. To include removal and disposal of existing stone, rubber roofing and insulation. Supply and install the following: two layers of 2"x6" around area screwed to concrete deck; 3" of ISO insulation set into OlyBond adhesive; .060 EPDM rubber roofing membrane; rubber flashings at all curbs, vents, piping, and walls. Flash all scuppers and supply 2X2 concrete pavers where ballasted roof ends and fully adhered roof starts. Clean roof and grounds upon completion. Also included is a ten (10) year workmanship and twenty (20) year membrane warranty. Timetable has been pushed back because there have been no issues w/ current roof. 2. How will this expenditure improve service, productivity, or lower operating cost to the City of Somersworth? It will help with heating efficiency and prevent water damage. 3. Is this a replacement item? Yes. During the upgrade in 2000, the roof was still under a 10 year warranty, therefore it was not eligible for replacement. 4. List name of Firm and price of quotes received. 2012 - Viking <i>Entire roof: \$50,000 + \$10,000 contingency</i>		
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund	\$60,000						\$60,000
Other	\$60,000						\$0
Totals	\$60,000		\$0	\$0	\$0	\$0	\$60,000
Commence FY:	Prior Years' Funding						
	Total Project						\$60,000

Project Title:					SCADA Software Upgrade - Wastewater Treatment Plant							
Department:					Submitted By:		Date:		Priority:		Project Cost:	
Sewer					Thomas H. Willis		September 20, 2012		III		\$30,000	

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 SSCADA 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?

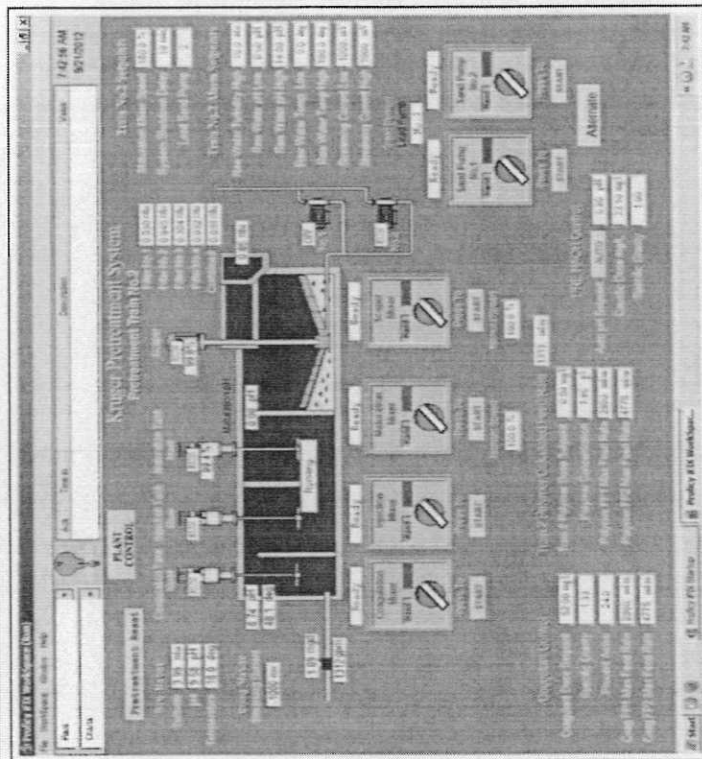
Operating cost to the city of Cambridge. Upgrading the software will enable the city to continue to operate with minimal staffing without having a 24 hour a day presence at the plant. Upgrading the software should eliminate some of the glitches that we are beginning to see because of the age of the current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

3. Is this a replacement item? Yes. it is an upgrade to current software technology.

If NOT, how was the need previously met?

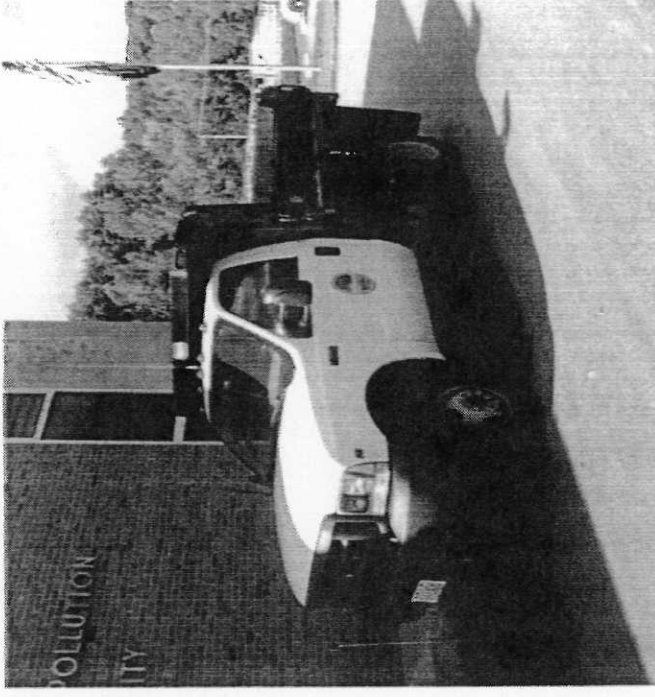
4. List name of Firm and price of quotes received.

4. List name of firm and price quotes for each plant:
Lavolette Controls - Somersworth, NH- orig quote 2010 - \$60K for both plants; update 2012



Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund				\$30,000			\$30,000
Other							\$0
Totals		\$0	\$0	\$30,000	\$0	\$0	\$30,000
Commence FY:	Quarter:					Prior Years' Funding	
						Total Project	\$30,000

Project Title:	One Ton Dump Truck		
Department:	Submitted By:	Date:	Project Cost:
Sewer	Thomas H. Willis	September 20, 2012	\$60,000

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, dump body, and sander. 3. Is this a replacement item? Yes. Would replace the current wastewater Department dump body truck with approx. 32,000 miles. If NOT, How was the need previously met? 4. List name of Firm and price of quotes received. Quote Sept 2012 - for F-350 chassis and body = \$35,000 Dump Body and plow Package add another. \$12,000. Sander - 12,000 Expected Trade in Value for Truck is \$5,000 - Trade not included in cost.		
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Total Project Funds:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Sources:							\$0
General Fund							\$0
Bonds							\$0
Grant							\$0
Enterprise Fund				\$60,000			\$60,000
Other							\$0
Totals		\$0	\$0	\$60,000	\$0	\$0	\$60,000
Commence FY:	Prior Years' Funding						Total Project
							\$60,000