

Employees Retirement Board

Seat	Name	Position	Party	Term Start	Term End
1	Herman, Sanford		D	11/12	11/17
2	[VACANT]		*	11/13	11/18
3	Mullen, Geoffrey		R	11/14	11/19
4	Vahey, Brian P		R	11/10	11/15
5	[VACANT]		*	11/11	11/16
EMP1	Kiraly, Susan				
EMP2	Rubano, Ken				
EMPB OE	Byrnes, Nancy				
FSEL	Tetreau, Michael C				

Full	
Party	Count
N/A	4
Vacant	2
Democrats	1
Republicans	2
Total Full	9

The Employees Retirement Board, which is comprised of the First Selectman, two town employees, a Board of Education employee and five volunteer residents, is responsible for the general management and direction of the pension fund for town employees and ensuring the effective operation of the retirement system.

3/9/2015 11:45:24 AM



Town of Fairfield

Office of the First Selectman
725 Old Post Road
Fairfield, CT 06824

BOARDS AND COMMISSIONS QUESTIONNAIRE

To be considered for appointment to a Board or Commission please fill out this form, save a copy and email the saved copy, along with a copy of your resume, to the First Selectman's office at firstselectmanffld@town.fairfield.ct.us. Please note that your resume and completed questionnaire are public documents. If you have any questions please contact the First Selectman's Office at 203-256-3030 or firstselectmanffld@town.fairfield.ct.us.

Board/Commission: **Employee Retirement Board**

Date: 3-4-15

Name: **Kathryn Fagan**

Address: 450 Cornell Rd, Fairfield, CT

Party:

email: **fagank@optonline.net**

home phone: **203-384-2537**

work phone: **203-913-7374**

cell phone: **203-913-7374**

1. How did you learn about this position? I heard about the potential position from Cristin McCarthy Vahey
2. Why are you interested in serving and how can you contribute to this board / commission? After 20+ years of experience in the financial services industry as a Chief Financial Officer, I could use my knowledge to help the Board monitor and evaluate performance of the Retirement Fund's assets.
3. Have you attended any meetings or reviewed past minutes / agendas? If yes, please specify. I have reviewed some of the past minutes and agendas.
4. Have you spoken with the chair, any members, or the appropriate Department Head? I have not spoken to the chair or members of the committee about the position.
5. Have you read the written description of the board's role? Yes
6. Do you have any potential conflict of interest? No
7. Do you know the time, date and location of meetings and will you be able to attend and fulfill the obligations of the position? Yes

8. Participation requires that you are registered voter in the town of Fairfield. Additionally, the town charter requires that party balance be maintained on all boards/commissions. Are you registered to vote and what is your party affiliation? Yes, I am a Republican.
9. Please use this space to ask any questions you may have or to provide additional information you'd like to share.

What insurance company provides D&O insurance coverage for members of the Employees Retirement Board and what are coverage limits? Has the Board or its members been named in any legal action?

What is the process for monitoring the investment guidelines and restrictions? How often is the verification conducted? For example, how does the board know that there is no more than 5% of the portfolio in any one security? What if more than one advisor purchases the same security and the percentage ownership increases above 5%?

What is the annual process for verification of errors and omissions insurance and fidelity bonds for investment managers, consultants, investment advisors, and custodians?

Does the Board ask all managers for representation that they are acting as a fiduciary under ERISA?

How are consultants and advisors chosen and how is their performance assessed?

What level of due diligence is performed on managers and advisors, by the board or the consultant, to ensure compliance with the Town's Statement of Investment Policy? Is a representation or compliance letter provided to the Town or is there a more thorough due diligence process? For example, how is the Board assured that the advisor is following the Execution of Security Trades, as defined in the Statement of Investment Policy?

Kathryn Fagan

203-913-7474
fagank@optonline.net

Expertise

SEC Financial Reporting
US GAAP Principles
Federal/State Tax Preparation
Cash Flow Analysis
SEC 40 Act Compliance
Financial Modeling

Sarbanes Oxley Compliance
REIT Compliance
Capital Allocation and Risk Management
Equity and Debt Offerings
NYSE Reporting Requirements
Quantitative and Qualitative Analysis

Experience

April 1997 to August 2013 Annaly Capital Management, Inc. New York, New York

Chief Financial Officer and Treasurer

- Member of the Management Team of the largest publicly traded mortgage REIT, from the initial public offering through the growth of the company to \$16 billion in equity.
- Member of the Executive Committee, which was responsible for the overall performance and strategy of the Company and its subsidiaries.
- Participated in structuring and execution of follow-on common stock offerings, preferred and convertible preferred stock offerings, debt offerings, stock buy backs, mergers and acquisitions, and new business development.
- Oversight of daily liquidity, leverage, REIT qualifications, 40 Act requirements, repurchase agreement balances, security collateral, capital allocation to subsidiaries.
- Co-Head of Credit for the liabilities of the Company and its subsidiaries, which included direct contact with the counterparty credit departments, monitoring of excess eligible collateral, determining appropriate leverage levels, reviewing long-term repurchase agreement contracts and structured repurchase agreements.
- Responsible for Securities and Exchange public filings, including forms 10Q and 10K, offering memorandums, prospectus and proxy statements.
- Compiled and produced all consolidated financial statements, with disclosure and management discussion and analysis.
- Responsible for reviewing and timely tax filings for the Company and its subsidiaries.
- Managed the relationship, data flow and the timeliness of press releases and public filings as a result of quarterly reviews and annual audits performed by the Certified Public Accounting Firm.
- Prepared offering memorandums and financial statements for private and public offshore funds domiciled in the Cayman Islands, Guernsey, Canada, Switzerland, and Bermuda.
- Management responsibility over all subsidiaries, including, broker dealer, middle market lending platform, registered investment advisors, and warehouse lending business.

Kathryn Fagan

203-913-7374

fagank@optonline.net

***April 1991 to
February 1997***

***First Federal Savings and Loan of
Opelousas, Louisiana***

Opelousas, Louisiana

Chief Financial Officer and Treasurer

- Responsible for the all financial recordkeeping and reporting for the institution, including the Office of Thrift Supervision, FDIC and SEC reporting.
- Provided all annual and quarterly budgets to the Board of Directors.
- Prepared all SEC required documents for the initial public offering.
- Oversight of operations and safety and soundness compliance.

***November 1988 to
March 1997***

***John S. Dowling and Company, Certified
Public Accountants***

Opelousas, Louisiana

Accountant

- Performed financial statement audit on banks, savings and loans, commercial businesses, and government entities.
- Prepared tax returns for individuals, corporations and partnerships.

Education and Certification

- 1996 Master Degree in Business Administration, University of Southwestern Louisiana
- 1988 Bachelor of Science Degree in Accounting, University of Southwestern Louisiana
- 1991 Certified Public Accountant, currently inactive status

**A RESOLUTION APPROPRIATING \$775,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION.**

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Seven Hundred Seventy-five Thousand and 00/100 (\$775,000.00) Dollars to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the “Projects”), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1 and 2 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Seven Hundred Seventy-five Thousand and 00/100 (\$775,000.00) Dollars and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the “Committee”) with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form

and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than five (5) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than five (5) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond

anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A
TO

**A RESOLUTION APPROPRIATING \$775,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
1	FFLD. LUDLOWE HIGH	Replace Artificial Turf Field	\$650,000
2	SYSTEMWIDE	Security & Safety Infrastructure	\$125,000
	TOTAL		\$775,000

A RESOLUTION APPROPRIATING \$1,289,000 FOR THE COSTS OF CERTAIN NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of One Million Two Hundred Eighty-nine Thousand and 00/100 (\$1,289,000.00) Dollars to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the “Projects”), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-3 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed One Million Two Hundred Eighty-nine Thousand and 00/100 (\$1,289,000.00) Dollars and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the “Committee”) with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and

regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than fifteen (15) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than fifteen (15) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by

bond counsel, and may be consolidated with the issuance of other Town bond anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A

TO

**A RESOLUTION APPROPRIATING \$1,289,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	DPW	6-Wheel Asphalt Truck	\$224,000
2	DPW	Payloader	\$180,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$404,000
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
3	SYSTEMWIDE	Security & Safety Infrastructure	\$885,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$885,000
	TOTAL		\$1,289,000

A RESOLUTION APPROPRIATING \$4,226,342 FOR THE COSTS OF CERTAIN NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Four Million Two Hundred Twenty-six Thousand Three Hundred Forty-two and 00/100 (\$4,226,342.00) Dollars to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the “Projects”), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-10 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Four Million Two Hundred Twenty-six Thousand Three Hundred Forty-two and 00/100 (\$4,226,342.00) Dollars and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the “Committee”) with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under

rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the

laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A

TO

**A RESOLUTION APPROPRIATING \$4,226,342 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	DPW	Main Library HVAC	\$250,000
2	DPW	Valley Road Bridge	\$220,000
3	DPW	Tunxis Hill Butler Building	\$350,000
4	DPW	Commerce Drive Bridge Design	\$200,000
5	DPW	Burr Mansion Improvements	\$150,000
6	PARK & REC	Golf Course Renovation	\$100,000
7	FIRE	Pumper	\$600,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$1,870,000
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
8	DWIGHT	Partial Roof Replacement	\$1,232,342
9	SYSTEMWIDE	Security & Safety Infrastructure	\$742,000
10	JENNINGS ELEM.	Replace Two 1996 Boilers	\$382,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$2,356,342
	TOTAL		\$4,226,342

Fairfield Public Schools
Fairfield, CT 06825

TO: Dr. David Title and Members of the Board of Education

FROM: Thomas P. Cullen

DATE: January 6, 2015

RE: Artificial Turf Field Data

Attached please find some helpful fact sheets and information regarding our request for the Fairfield Ludlowe High School artificial turf field replacement in our proposed 2015-2016 Non-Recurring Budget request. I spoke to the Fairfield Director of Health and his recommendation was to review the State of Connecticut Department of Public Health reports and fact sheets which are very helpful. This will provide some information for you related to the health effects of the most common artificial turf fields being installed today.

If you have any questions or concerns regarding this information, please feel free to contact me at (203) 255-8373. Thank you for your continued support with the non-recurring projects for 2015-2016.

Thank you.

c: Meg Brown

Fairfield Board of Education Proposed Capital Non-Recurring Projects 2015-2016



Dwight Roof



Jennings Boiler



FLHS Turf Field

December 10, 2014

Dear Board of Education Members:

This booklet provides an overview and backup material for all of our proposed 2015-2016 Capital Non-Recurring Projects. The format is based on the “14 points” document used in Fairfield and from many previous public meetings where this information has often been requested.

Two of these projects, the Dwight Elementary roof replacement and the Jennings Elementary boilers, have long been part of the facilities planning updates we have provided to the Board and the Town over the past three years. The third, the Fairfield Ludlowe High artificial turf field, has had very heavy sports activity over the past ten years and professional tests have identified that it is time to replace this field. The fourth project is for the upgrading of our security infrastructure in all schools in alignment with the Fairfield Police Department’s study of our buildings.

Each project request includes:

1. Justification and background information.
2. A cost estimate that brings together information from previous projects, verbal quotations, and/or written proposals.
3. Photographs of projects in existing conditions and, in most cases, photographs showing new conditions from previous projects to provide a side-by-side comparison.

We hope you find this information helpful and we are confident it will answer many of your questions as we begin the budget discussions. Thank you for your continued support.

Sincerely,

A handwritten signature in black ink, appearing to read "David G. Title". The signature is fluid and cursive, with the first name "David" and last name "Title" clearly distinguishable.

David G. Title

**Fairfield Public Schools
2015-2016
Capital Non-Recurring Projects**

<u>Location</u>	<u>Project</u>	<u>Estimated Cost</u>	<u>Page</u>
Dwight Elementary	Partial roof replacement	\$ 1,232,342	1
Jennings Elementary	Replace two 1966 boilers	382,000	13
Fairfield Ludlowe High	Replace artificial turf field	650,000	19
Systemwide	Security infrastructure	3,222,428	31
Total		\$ 5,486,770	

Dwight Elementary School

Roof Replacement (except Shingled Roof) **\$ 1,232,342**

Background: Four roof areas are at the end of their useful lives and in need of replacement. The roofs are original to the 1991 installation and are out of warranty as of 2011. This request is for funding the replacement of these roofs.

Purpose & Justification: The condition of these roof areas is declining and leaks are increasing in frequency and severity. Replacement of these roofs now will prevent the need to replace them as an emergency thus preventing disruption to the school's learning environment.

Detailed Description: The expenditure would cover the total cost and removal of the 10 roof areas down to the existing roof deck and installation of a new roofing system. These funds would also cover design, bidding and construction administration costs as well as a contingency for unforeseen conditions that might be uncovered during the construction activities.

Estimated Cost: The cost of this funding request is \$1,232,342. This number is based on similar replacement projects undertaken in the system and a probable construction cost estimate provided by Hoffmann Architects.

Long Range Costs: Roof replacements will reduce maintenance costs on the old roofs as well as produce energy savings through the use of a better insulated roof system. This roof replacement is part of the Fairfield Public Schools Facilities Plan 2013-2023 and the anticipated life of this upgrade is 20+ years.

Demand on Existing Facilities: This project would reduce the maintenance costs for roof repairs and increase energy efficiency in the building.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of a roof failure while school is in session.

Environmental Considerations: This project would greatly reduce greenhouse gases by increasing the energy efficiency of the building thus reducing energy consumption. This roof would qualify for a solar panel installation similar to FWHS and FLHS.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is eligible for reimbursement through the State Department of Education, Bureau of School Facilities. The 2014-2015 reimbursement for Fairfield is 26.07%. We estimate that we will receive approximately \$320,000 for this project.

Schedule, Phasing & Timing: The schedule is to have work done this summer (2015).

Other Considerations: The work will be bid out by the Town Purchasing Department and will be performed by outside contractors. This does require the formation of a Building Committee to qualify for state reimbursement.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay this needed replacement and further delay other similar projects scheduled in the BOE future planning. A recent study of our elementary roofs that resulted in extending the life of four school roofs found that the Dwight roof condition is so poor that it did not qualify for this program.

Dwight Elementary School

Partial Roof Replacement

\$ 1,232,342

Details

Licensed contractor to provide labor and materials

Prepared by: Tecta America

Breakdown:

Set-up safety for our associates to perform their scope of work, and to protect the occupants of the property.

Remove the existing roofing system down to the existing metal deck.

Confirm and/or secure the existing metal deck per Factory Mutual guidelines 1-28 specifications.

Install new pressure treated wood blocking to the height of the new perimeter edges.

Install new Polyisocyanurate insulation including 1/4" per foot tapered system with an average R-25 value to be in compliance with 2014 ASHRAE guidelines.

Install new two ply SBS Modified Bitumen roofing membrane system in cold applied adhesive with a granulated cap sheet. (Roofing system meets the current code for uplift pressures - FM 1-90 approved system.)

Install all flashings per manufacturer's specification.

Remove and replace existing drain bowl assemblies.

Install new extruded metal edges with Kynar coated color cover plate that has been pre tested and approved per ANSI -SPRI ES-1 specifications. (Color will be selected by owner from standard color selections.)

Install new expansion joints to replace existing.

Fabricate and install new counter flashings as needed for proper termination.

Clean up and dispose of all debris from the above scope of work.

Provide owner with a 20-year No Dollar Limit (NDL) warranty that includes the cost of both labor and material to repair any leaks or material failures during the warranty period.

\$ 1,178,402

Breakdown:

Hoffmann Architects will provide the following professional services related to the scope of work described in this proposal:

Review original Contract Documents and previous reports as such documents relate to conditions described in the Scope of Work and are supplied to Hoffmann Architects by the Town of Fairfield Public Schools.

Visit the site to verify existing conditions and construction details. Coordinate with a Contractor retained by The Town of Fairfield Public Schools to perform exploratory openings so as to examine concealed conditions.

Based upon the results of Hoffmann Architects' field verification activities and the established scope of work, provide a proposed roof replacement system and scope of work for review and approval by the Fairfield Public Schools and Building Committee.

Meet with the Office of School Facilities for a pre-review evaluation meeting to review requirements for submission of the project.

Based on the agreed upon scope of work, prepare Contract Documents consisting of drawings and specifications, setting forth in detail the requirements for construction of the project.

Meet with the Office of School Facilities to review the 100% Contract Documents (Plan Completion Test) for comments and approval.

Respond to Office of School Facilities comments as required.

Assist in the preparation of the necessary bidding information, bidding forms, conditions of the Contract and Form of Agreement between Owner and Contractor.

Assist the Town of Fairfield Public Schools in obtaining bids.

Prepare an agenda for a pre-bid conference at the site.

Conduct a pre-bid conference at the site.

Prepare minutes from the pre-bid conference.

Respond to contractor questions and prepare addenda, as necessary.

Assist the Town of Fairfield Public Schools in evaluating bids and in awarding construction contract.

Conduct a meeting with a representative from the Fairfield Public Schools, Building Committee, and the Contractor prior to the commencement of the work, to review the Contractor's proposal for compliance with the requirements of the Contract Documents.

Review and take appropriate action on Contractor's submittals such as shop drawings, product data and samples, to establish their conformance with the design concept expressed in the Contract Documents; forward to the Town of Fairfield Public Schools, for review and record, written warranties and related documents required by the Contract Documents and assembled by the Contractor.

Visit the site four (4) times during construction to become familiar with the progress and quality of work and to determine if the work being performed is in general compliance with the Contract Documents.

Conduct meetings in conjunction with site visits to assess the progress of the work.
Prepare field observation reports following site visits to document progress and quality of the Contractor's work.

Authorize minor changes in the work if they are necessary and do not involve adjustment to the contract sum or extension of the contract time.

Review and certify amounts due the Contractor.

Visit the site to develop a punch list and again to conduct a final inspection with the manufacturer's representative.

Determine the date of final completion.

Certify Contractor's requisition for Final Payment based upon the final inspection indicating the work is in general compliance with the requirements of the Contract Documents.

\$53,940.00

Total

\$ 1,232,342



Old 1991 roof system showing failures





Old roof membrane failures and patches around skylight





More roof patches and ponding of water failures





Roof pitch pocket failures





New 2013 roof system at Fairfield Warde High School





New 2013 roof system at Fairfield Warde High School



Jennings Elementary School

Boiler Replacement

\$ 382,000

Background: The boilers are originals from 1966 and are at the end of their useful lives. This request is for funding the replacement of the two existing boilers with the installation of two new high-efficiency condensing gas boilers and one cast-iron boiler with dual fuel capabilities.

Purpose & Justification: The condition of the existing boilers is poor and new boilers would provide a much higher efficiency rating for the school and prevent emergency boiler failure.

Detailed Description: The expenditure would cover the total costs for demolition and removal of old boilers, asbestos abatement, new burners, associated piping and peripheral components and purchase and installation of two new boilers.

Estimated Cost: The cost of this funding request is \$382,000. This number is based on similar boiler replacement projects undertaken in the system and estimates provided by contractors. This includes abatement and air sampling consultant/monitoring.

Long Range Costs: Boiler replacements will reduce maintenance costs on the old as well as produce energy savings through the use of higher efficiency units. We anticipate the life of this upgrade is 30+ years. Energy consumption based on prior installations indicates a 20-30% decrease after replacement. At today's fuel prices, this equates to an annual savings of \$ 5,400-8,100.

Demand on Existing Facilities: This project would reduce the maintenance costs of older boiler repairs and increase energy efficiency in the building.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of boiler failure during a peak cold weather period.

Environmental Considerations: This project would greatly reduce the hazardous materials (asbestos) in the boiler room area. Clean burning boilers would improve emissions from the boilers into the air.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is not eligible for reimbursement through the State Department of Education, Bureau of School Facilities.

Schedule, Phasing & Timing: Approval of this funding will allow completion of the work before the next heating season.

Other Considerations: The work will be bid out by the Town Purchasing Department and will be performed by outside contractors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay this needed replacement and further delay other similar projects scheduled in the BOE future planning.

Jennings Elementary School

Boiler Replacement

\$ 382,000.00

Details

Licensed contractor to provide labor and materials

Prepared by: Connecticut Combustion, Inc.

Breakdown:

Disconnect existing piping, electrical and flue.
Asbestos abatement of mechanical room.
Mechanical demolition to remove existing boiler, pumps, and tanks.
Mount boilers on new concrete pads.
Furnish and install two (2) new Camus condensing boilers with gas fired burner.
Furnish and install one (1) new Buderus non-condensing boilers with dual fuel burner.
Furnish and install two (2) 12" Metal-Fab PIC boiler flues. New flues to go through roof.
Install two (2) expansion tanks and one (1) air separator.
Furnish and install two (2) primary pumps and connect to existing piping.
Furnish and install VFD's on primary pumps.
Furnish and install new oil booster pumps and connect to existing oil piping.
Furnish and install one (1) A.O. Smith hot water heater with auxiliary water storage tank and connect to existing piping.
Gas piping to new boiler units. Includes new regulators.
Hot water piping from new boilers and connect to existing 6" header/Mains. All piping 3" and larger to be welded steel.
Piping insulation on new, existing, and abated pipe.
Controls and control wiring; based on Johnson Controls.
Electrical as required, based on tying into existing boiler and pump feeds.
Roofing work for two new boiler flues through roof.
Provide core boring through concrete roof for flue.
Structural steel as required for roof penetrations.
Rigging of equipment.
Start-up and testing of units.
One year warranty.
Permits as required.

Total

\$ 382,000.00

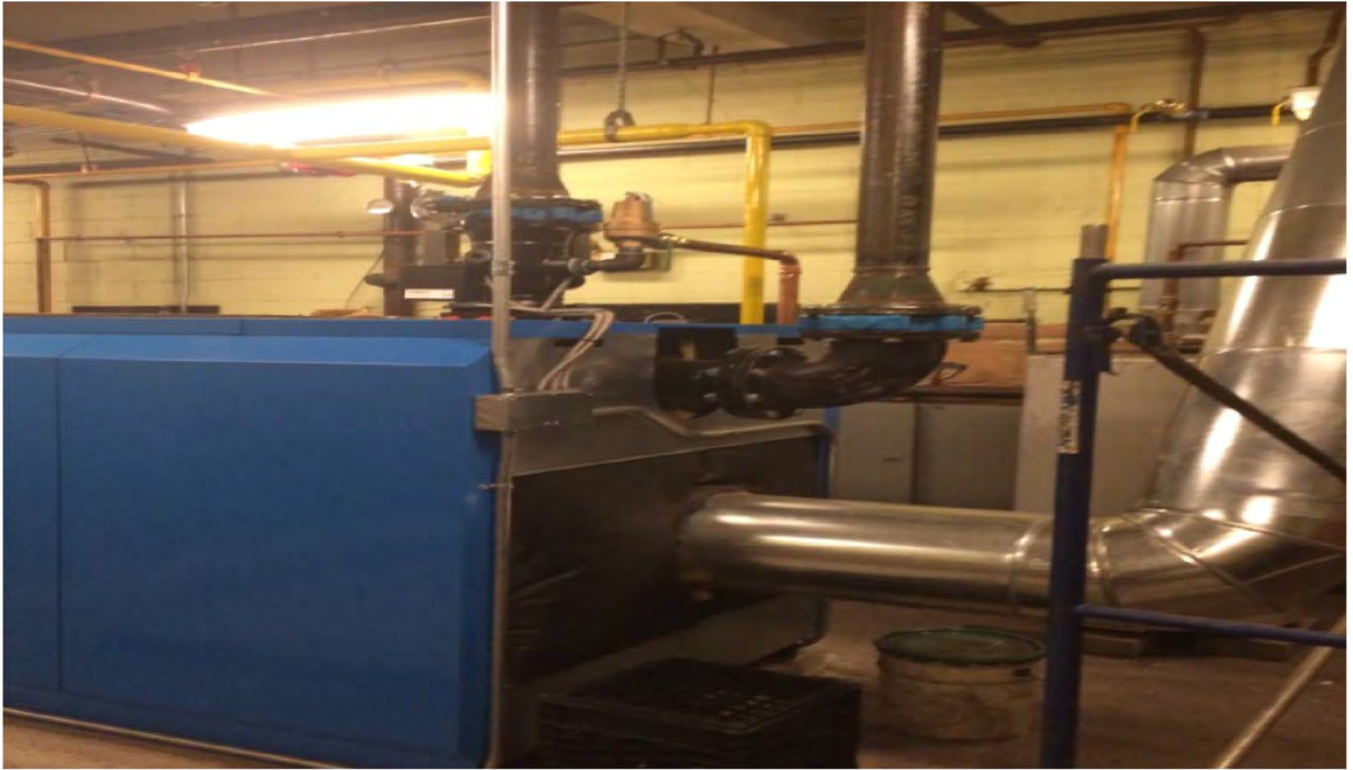


Old 1966 boilers showing age and leaks

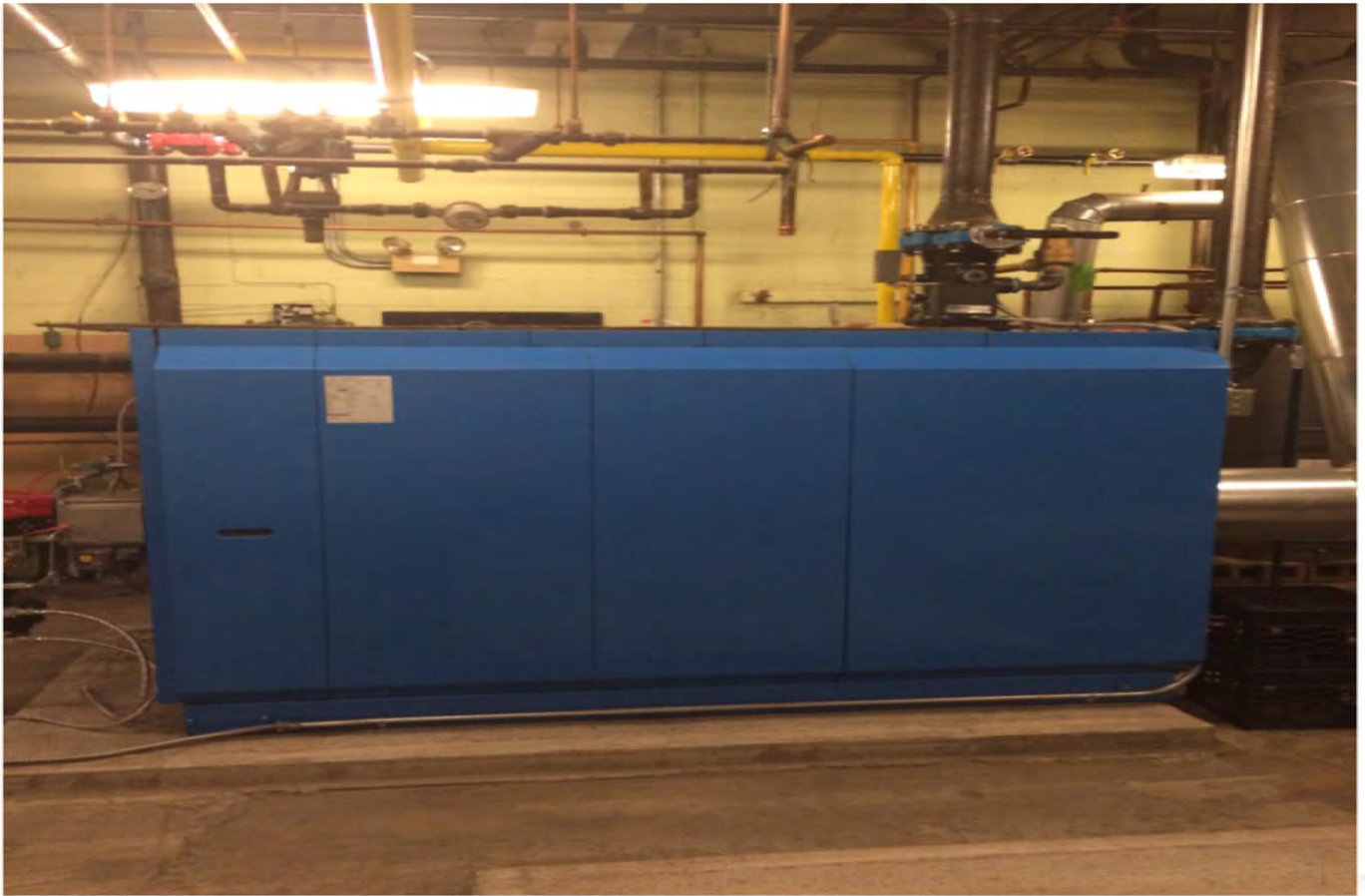




Old boiler photos



New 2014 boiler at North Stratfield



New 2014 boiler at North Stratfield



Fairfield Ludlowe High School

Artificial Turf Field Replacement

\$ 650,000

Background: The existing artificial turf field from 2004 is in need of replacement. This request is for funding the replacement of the artificial turf field system.

Purpose & Justification: The condition of the artificial turf field is declining and safety testing has shown that some sections are no longer safe for play. Replacement of this artificial turf field now will prevent injuries from students and the public use of the current artificial turf field system.

Detailed Description: The expenditure would cover the total cost of the project which would include the removal and disposal of the top coat of the artificial turf field, the resurfacing of the top coat of the running track, all new installation and labor, new permanent line/game striping and new warranty. These funds would also cover design, bidding and construction administration costs as well as a contingency for unforeseen conditions that might be uncovered during the construction activities.

Estimated Cost: The cost of this funding request is \$650,000. This number is based on similar replacement projects undertaken in the Town of Fairfield and surrounding towns and estimates provided by contractors.

Long Range Costs: This replacement project will have an anticipated life of 10-12 years of what is considered “heavy use” for this upgrade.

Demand on Existing Facilities: This replacement project will help to keep the integrity of the structural base system for the artificial turf product and prolong the life of the entire system and field.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of injuries during its use.

Environmental Considerations: This project replacement includes the recycling of the product removed so therefore helps the environment by not dumping or disposing of this large amount of old artificial turf field material.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is not eligible for reimbursement through the State Department of Education, Bureau of School Facilities.

Schedule, Phasing & Timing: The schedule is to have this work done this summer, 2015.

Other Considerations: The work will be bid out by the Town Purchasing Department and will be performed by outside contractors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay this needed replacement and further delay other similar projects scheduled in the BOE future planning and is a huge safety risk for students and the public using the field.



Date: October 24, 2014

PRICING PROPOSAL FOR FAIRFIELD LUDLOWE HIGH SCHOOL

Sprinturf is pleased to offer supply and install the following high performance artificial in-filled grass surface.

Field Name	Fairfield Ludlowe High School
Square Footage	111,463
Field Markings	Football, Soccer, Field Hockey, and Boy's Lacrosse Markings
Turf System	Ultrablade DFE (Slit Film and Monofilament) with Cool Fiber technology
Synthetic Turf Removal and Replacement Price (Sales & Use Tax Excluded)	\$461,600
Additional Cost for CoolFill Infill top layer	\$15,000.00

Product Details

Sprinturf is pleased to offer

Product Detail	Ultrablade DFE
Color	Field Green/Rye Green
Pile Height	2.25"
In-fill Type	100% SBR Rubber
Backing/Urethane Weight	24 oz/yd ²
Face Weight	50 oz/yd ²

The Sprinturf Difference

In order to provide the highest quality product and service, one hundred percent of Sprinturf products are manufactured in house and in America creating American jobs and investments. Sprinturf installations are executed to a uniform, national quality standard and Sprintcare, our after sales maintenance program is one of the best in the industry.

Price Includes:

- Removal and disposal of existing synthetic turf and stockpile of rubber infill onsite for reuse.
- Laser grade existing aggregate base as needed.
- Installation of the artificial in-filled grass surface provided by Sprinturf.
- An 8 Year Manufacturer's Warranty, an 8 Year 3rd Party Insured Warranty.
- Tufted/Inlaid Football, Soccer, Field Hockey, and Men's Lacrosse Markings.
- (1) Gmax test at completion.

Sprinturf Customer Loyalty Benefits

- 1 Annual G-max test over the 8 year-warranty period (8 Tests) ;
- 1 annual Sprinturf Maintenance Visit over the 8 year warranty period (8 Visits) Estimated Cost Savings;

900 CIRCLE 75 PARKWAY, SUITE 1750, ATLANTA, GA 30339 PHONE 770-933-4070 FAX 770-933-4059



Notes:

- a) Any alteration or deviation from specifications involving extra costs is not included.
- b) Site security is not included in Pricing.
- c) This proposal does not include permits, fees, bid bond, payment & performance bond, engineered drawings, bridging, remedial work, capping of existing irrigation, locating, relocation, or removal and/or repair of existing utilities, lime stabilization, rock excavation, excavation or remediation of unsuitable soils, restoration of the existing roadway utilized for dumping the waste excavation, permeability testing.
- d) Pricing assumes Prevailing Wage Rates.
- e) Pricing includes purchase via TIPS/TAPS.

The price is valid for the period of 60 days. The price is subject to increase if affected by an increase in raw materials, freight, or levies.

Please feel free to reach out to any member of our team with questions about our offer:

Webb Cook

Director of Sales

(717) 917-1790

wcook@sprinturf.com

Bruce Cheskin

Executive Vice President

(770) 933-4070

bcheskin@sprinturf.com

Noah Stiles

Regional Sales Manager

(516) 732-1551

nstiles@sprinturf.com

Thank you again for your interest in Sprinturf, we look forward to working with you.

Per:

Bruce Cheskin

Executive Vice President

Sprinturf LLC

900 Circle 75 Parkway
Suite 1750
Atlanta, GA 30339
PH: (770) 933-4070 Fax: (770) 933-4059
www.Sprinturf.com



November 5, 2014

Ms. Lisa Moscato
Fairfield Schools
Fairfield, CT

Re: Fairfield Ludlow HS

Ms. Moscato:

Please accept the following pricing:

1. Re-coat existing track surfacing with red urethane surfacing, and make repairs to cracked areas of the track. Stripe new track surfacing.....\$98,000.00
2. Inlay girls' lacrosse lines and markings.....\$5,500.00

Please contact me if you have questions or need other information.

Sincerely,

Webb Cook

Webb Cook
Director of Sales
Sprinturf



Tip Taps Summary

The Interlocal Purchasing System (TIPS/TAPS) is available for use by all public and private schools, colleges, universities, cities, counties, and other government entities throughout the country that are members, which the State of Connecticut is. All awarded contracts through the TIPS/TAPS program have been Awarded under the Competitively Bid Process and received a Contract from TIPS/TAPS Governing Board of Directors. These Awarded Vendors have agreed to provide the best pricing, terms and conditions available to TIPS/TAPS Members, which Sprinturf is a member.

The TIPS/TAPS Program takes PRIDE in providing a purchasing coop where Awarded Vendors and Members both benefit. A school district or other TIPS/TAPS Member can benefit from the cost savings of time and expense in competitively bidding each purchase.

The Purpose of TIPS/TAPS

- 1) Provide school districts and other governmental entities opportunities for greater efficiency and economy in acquiring goods and services.
- 2) Take advantage of state-of-the-art purchasing procedures to insure the most competitive contracts.
- 3) Provide competitively priced solicitation and bulk purchasing for multiple government entities that yields economic benefits unobtainable by individual entities.
- 4) Provide quick and efficient delivery of goods and services by contracting with "high performance" vendors.
- 5) Equalize purchasing power for smaller entities that are not able to command the best contracts for themselves.
- 6) Maintain credibility and confidence in business procedures by maintaining open competition for purchases and by complying with purchasing laws and ethical business practices.
- 7) Assist entities in maintaining the essential controls for budget and accounting purposes.



**Old 2004 artificial turf field showing age
and deterioration**





Close up field deterioration





New artificial turf field conditions





**New close up photos of artificial turf
field conditions**



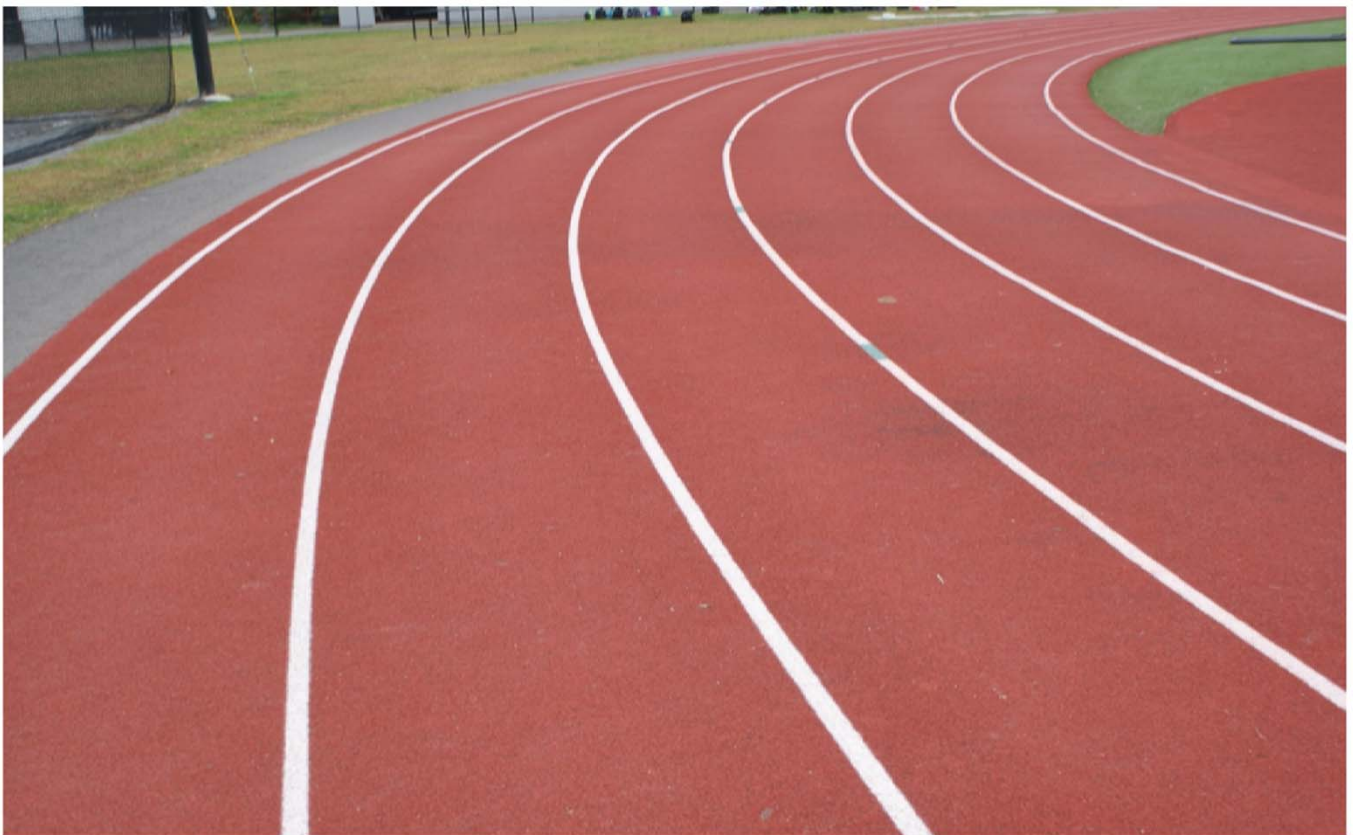


**Old 2004 artificial running track showing
age and deterioration**





New artificial running track photos



Proposed Security Infrastructure Upgrades

Systemwide

\$ 3,222,428

Background: Following the Sandy Hook Elementary School tragedy, the Fairfield Police Department along with the Central Office Administration conducted a security assessment of all the Fairfield Public School buildings. Based on this assessment the Fairfield Police Department recommended several improvements to the Fairfield Public Schools' security infrastructure. Some of the low cost items on this list have been implemented with operating budget funds over the past two years.

Purpose & Justification: The purpose of this funding request is to make recommended security infrastructure improvements as recommended by the Fairfield Police Department. These recommended improvements will enhance the security and safety at our facilities for our students and staff. The scope of this work is too great to be handled within the BOE operating budget.

Detailed Description: The expenditure would cover the total costs for multiple security improvements to our facilities. These include security film on windows, camera system improvements, upgrades to public address systems, protective secure fencing, door hardware upgrades, visitor management systems, and other operational security improvements as detailed in the accompanying spreadsheet. Details about these specific improvements cannot be shared in public upon the advice of the Fairfield Police Department.

Estimated Cost: The cost of this funding request is \$3,222,428. Estimates were provided by multiple professional licensed contractors/vendors for the different projects in this funding request. If approved, security funding of \$160,000 in the BOE operating budget for 2014-2015 will be redirected to the Health Insurance Fund.

Long Range Costs: Most of the projects listed do not have added long-term costs associated with their implementation. However, two of the projects (RAPTOR and BeSafe) would incur yearly licensing renewal fees. These fees would be accounted for in the Fairfield Public Schools "Security Account" line as an operational expense. The protective secure fencing at the portable classroom locations and annex building connectors will require yearly maintenance and repairs until the portables are removed. These fees would be accounted for in the Fairfield Public Schools "Building Envelope" line as a preventative maintenance expense. If the school system's security account is maintained at current levels, no increase will be needed to maintain this equipment on an annual basis.

Demand on Existing Facilities: These projects will not add any additional demand to the existing facilities.

Security, Safety and Loss Control: This project would greatly enhance security, safety and loss control by improving monitoring capabilities, hardening of our facilities against unauthorized entry, and enhancing communications during emergencies.

Environmental Considerations: None

Funding, Financing & SDE Reimbursement: These projects would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is not eligible for reimbursement through the State Department of Education, Bureau of School Facilities. Grant funding through the CT Department of Emergency Management and Homeland Security “School Security Competitive Grant Program” (SSCGP) was applied for but not received in 2014. Future grants may be available to offset some of these costs.

Schedule, Phasing & Timing: Approval of this funding will allow the implementation of these projects over the next two years as identified in the Fairfield Public Schools Facilities Plan “Waterfall Schedule” -- half in 2015-2016 and half in 2016-2017.

Other Considerations: Town of Fairfield Purchasing Department will award the work per the guidelines and will be performed by outside contractors/vendors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will require continuing with the present security and safety infrastructure and its limitations.

PROPOSED SECURITY INFRASTRUCTURE UPGRADES

'RAPTOR' Visitor Management System	\$64,000
Additional Intrusion Film Installation	\$785,837
Migration to IP based Security Camera System including interior and exterior cameras for full coverage	\$1,192,416
Add Second Monitor to secretary desks for AiPhone & Security Camera Monitoring	\$10,000
Bollards at Entries	\$78,015
Public Address Upgrades in Cafeterias & Gyms (All Schools) Wood Shop & Band Room (MS & HS) and Auto Shop (HS)	\$269,676
Fencing at Annexes, Portable Classrooms and connectors (including motion sensor lights)	\$284,704
Door Hardware Upgrades for additional 'Safe Rooms'	\$90,000
Upgrade PA system to provide All Call Capability	\$71,920
'BE SAFE' Web-based Emergency Operations Plan System	\$120,860
Materials for standard LD Key location	\$5,000
Consultants for Vestibule Studies, Camera Upgrades, Signage Study, Bid	\$250,000
TOTAL BOND REQUEST	\$3,222,428



BeSafe Technologies, Inc.

Corporate Locations

244 Rolling Hitch Rd.
Centerville, MA
02632

8317 Harps Mill Rd.
Raleigh, NC
27615

Visit us online:
www.BeSafe.net

Toll Free: 866.216.5649

BeSafe Safety Portal

Periodic updates maintain information integrity and ensure effectiveness of the program. The importance of this ongoing process cannot be understated – the safety of students, faculty, staff and administration, as well as the first responders, depends on the quality of information. Frequency of updates depends upon the level of activity or change anticipated in personnel or equipment in the site or community. The BeSafe Safety Portal offers you:

- Secure Document Management and Publication
- Essential Information Management
- Content Management
- User and Group Management
- Event Planning
- Announcements, Alerts, and Invitations
- Discussion Forums
- BeSafe Information for First Responders
- SMS and Email Messaging
- Other Custom Functionality

"I have worked with BeSafe Technologies for several years implementing a regional response network that has safeguarded schools, hospitals, and community buildings serving over 50 towns and cities. The BeSafe system has enabled police and fire personnel to be familiar with details about a site before they even get there. Having BeSafe helps us to respond effectively and safely." *Daniel Perenick, Sergeant, Winchester Ma Police Department*



3M™ Safety & Security Window Films and Attachment System

Bomb Blast and Explosion Protection



Fortify your windows from blast related attacks and accidental explosions with 3M™ Safety & Security Window Films and Attachment Systems

- Helps protect people and property against bomb blasts, chemical explosions and other explosives
- Flying glass shards are one of the most common causes of blast related injuries and fatalities
- Attachment systems anchor the film to the glass frame, providing additional protection once the glass is broken
- 3M rigorously tests against a multitude of explosion and blast standards that include both shock tube and open air arena explosive testing
- 3M's micro-layered, tear resistant, 3M™ Scotchshield™ Ultra Series Safety & Security Window Films are specifically designed to provide additional protection from blasts

	Number of Explosive Incidents in the US	Number of Injuries and Fatalities
2013	5,909	421
2012	5,815	180

According to the Bureau of Alcohol, Tobacco, Firearms and Explosives US Bomb Data Center May 2014 Publication



Safety & Security

Protecting from explosive attacks

Today bomb threats seem like a daily occurrence. If your facility is considered high risk, is near a building considered high risk, or if your building is near a high risk event, you should consider blast hazard mitigation for your windows. Schools, government buildings, financial institutions, data centers, large international corporations and controversial businesses should all consider blast mitigation strategies. 3M Safety & Security Window Films and Attachment Systems mitigate flying glass shards in the event of a blast, helping to protect people and property.



Protecting from accidental explosions

Accidental explosions are real life every day risks for many industrial, lab or manufacturing facilities and these occur more frequently than we would like to admit. In many facilities, glass windows, or glass insets in doors overlook industrial, lab, or manufacturing space and the risk associated with this glass is rarely considered. In the event of an explosion, one of the most common causes of injury is due to flying glass shards from exploded windows. Help protect from flying glass shards with 3M Safety & Security Window Films and Attachment Systems.



Government owned or leased

Whether owned or leased, most federal and state government facilities are required to implement blast hazard mitigation measures on their windows and glass. 3M Safety & Security Window Films and Attachment Systems have been tested to government referenced standards and meet or exceed the performance requirements on numerous glazing types under a variety of blast loads. Although government facilities range in risk category and level of blast protection required, 3M Safety & Security Window Films can provide an enhanced measure of safety for government employees to meet the necessary protection levels.



Security with a payback

Unlike many security upgrades, 3M™ Window Films can also provide a payback in as little as three years. 3M Safety & Security Window Films can include solar energy rejection, which helps reduce air conditioning costs and save you money.

Learn more about how 3M Window Films can protect people and property, visit www.3M.com/windowfilm



3M Renewable Energy Division Window Films

3M Center, Building 235-2S-27
St. Paul, MN 55144-1000
3M.com/windowfilm

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Warranty and Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

Security Solutions Division

IP Video Surveillance

Why IP Video Surveillance?

- ✓ **Superior Image Resolution**
One IP camera can do the job of 6-20 analog cameras.
- ✓ **Ease of Installation**
Cameras can leverage existing network infrastructure for easy deployment.
- ✓ **Truly Digital**
Unlike Analog systems, digital video will not degrade over long distances.
- ✓ **Camera Intelligence**
Distributed intelligence means less demand from servers and client connections.
- ✓ **Fully Integrated**
A single network cable integrates power, video, audio, PTZ control and I/O.
- ✓ **Built-in Security**
Video streams require authentication, meaning you control exactly who can see what in your system.
- ✓ **Crystal-Clear Motion**
Superior progressive scan technology provides sharper images of moving objects.
- ✓ **Easy to Scale**
Add as the need arises with easy cabling and virtually no limit of video streams.
- ✓ **Lower Total Cost**
Less cabling, head end equipment and maintenance mean lower total cost of ownership.
- ✓ **New Possibilities**
Take advantage of emerging technologies with open standard video management systems from the market leaders.



Certified Partners



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COMMUNICATIONS SYSTEMS

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Jason Boutet

Director of Security Solutions
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JasonB@valleycommunications.com
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1404-03

A RESOLUTION APPROPRIATING AN ADDITIONAL \$120,000 FOR COSTS ASSOCIATED WITH CERTAIN PROJECTS AT OSBORN HILL ELEMENTARY SCHOOL AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

WHEREAS, the Representative Town Meeting on January 28, 2013 adopted a bonding resolution (the “Resolution”) appropriating \$4,195,013.00 for costs associated the remediation of Osborn Hill Elementary School relating to the discovery of PCB (polychlorinated biphenyls), restoration of damage resulting from remediation, the replacement of windows and doors, abatement of contamination, renovation of the gym, enclosing a walkway and other costs associated with the discovery of PCBs, including engineering, testing, design, administrative, legal and financing costs (the “Project”); and

WHEREAS, the Representative Town Meeting on February 23, 2015 adopted a bonding resolution (the “Second Resolution”) appropriation and authorization of Three Hundred Forty Thousand Six Hundred Thirty-Three and 00/100 Dollars (\$340,633.00) necessary to complete the Project; and

WHEREAS, it has been determined that amounts appropriated in the aforementioned Resolutions are not sufficient to complete the scope of the Project as originally approved, and based on the estimate attached as “Schedule A; Walkway Enclosure” an additional appropriation and authorization of One Hundred and Twenty Thousand and 00/100 Dollars (\$120,000.00) is necessary to complete the Project, which appropriation would bring the total amount appropriated for the Project to \$4,655,646; and

WHEREAS, it is in the interest of the Town to complete the Project; and

NOW, THEREFORE, it is **Resolved**:

1. The Town of Fairfield hereby appropriates an additional sum of One Hundred and Twenty Thousand and 00/100 Dollars (\$120,000.00) for the costs associated with the completion of the Project.
2. To finance such remaining appropriation, and as recommended by the Representative Town Meeting, the Town of Fairfield shall borrow a sum not to exceed One Hundred and Twenty Thousand and 00/100 Dollars (\$120,000.00) and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the additional appropriation for the Project.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the “Committee”) with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue

of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.

5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years therefrom. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semiannually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.

6. The Committee is further authorized to make temporary borrowings as authorized by the

General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Project from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.

8. The First Selectman and Fiscal Officer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.

9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.

10. The First Selectman and other Town officials are authorized to seek grants and other contributions for the costs of the Project. Any such grants or other contribution received prior to the issuance of the Bonds authorized herein shall be applied to the costs of the Project or to pay at maturity the principal of any outstanding bond anticipation notes issued pursuant to this Resolution and shall reduce the amount of the Bonds that can be issued pursuant to this Resolution. If such grants and other contributions are received after the issuance of the Bonds, they shall be applied to pay the Bonds or as otherwise authorized by the Board of Selectmen, Board of Finance and Representative Town Meeting provided such application does not adversely affect the tax exempt status of the Bonds.

“SCHEDULE A; WALKWAY ENCLOSURE”

OSBORN HILL ELEMENTARY SCHOOL

Enclosing the walkway would improve the security of the children as well as the buildings at either end of the connector. It would also shield students and faculty safe from inclement weather.

Based upon a conceptual study in 2012 an estimate of \$70,000 was established. Subsequently the architects completed much more field and engineering investigation of the site and building conditions once the schematic designs were approved and construction documents completed.

Additional work identified by the additional field and engineering investigation to be performed to connect the buildings is as follows;

1. Relocate and modify storm drain and underground storm pipes,
2. Install dry sprinkler system within the walkway,
3. Remove and regrade asphalt pavement between the school and annex for proper slope and grade,
4. Exit and safety doors,
5. Potential canopy extension,
6. The walkway is to be ventilated, but not heated, to control excess heat gain,
7. Glazed/translucent walls shall be restrained by a foundation structure,
8. Install small grade beams spanning between existing canopy column pier footings,

The relative cost implications of the now known field conditions are as follows:

	<u>Arch/Eng</u>	<u>RTM</u>
1. Storm Drain relocation	\$ 5,000	\$ 5,000
2. Dry Sprinkler System	\$ 15,000	\$ 15,000
3. Pavement removal and regading	\$ 7,000	\$ 7,000
4. Extra set of doors and canopy extension	\$ 12,000	\$ 6,000
5. Ventilation	\$ 2,000	\$ 2,000
6. Foundation of walls	\$ 10,000	\$ 10,000
7. Escalation from 2013 to 2013	\$ 8,500	\$ 0
8. Original Estimate	\$ 80,500	\$ 70,000
9. A/E Redesign Services	\$ 9,900	\$ 5,000
TOTAL	<u>\$ 149,900</u>	<u>\$ 120,000</u>



Town of Fairfield

Osborn Hill Elementary School

Connector Enclosure Redesign Concepts

February 20, 2015

From the December 21, 2012 Conceptual Study:

In addition to the gym, the Town and Fairfield Public School staff also asked that this report investigate enclosing the walkway between the main building and the annex building adjacent to the gym. Enclosing the walkway would improve the security of the children as well as the buildings at either end of the connector. It would also shield students and faculty safe from inclement weather. It is recommended that the addition of an enclosed walkway be considered as part of the scope of work for the next phase of work at the school. Due to the walkway's adjacency to the gym it would be wise to investigate coordinating the enclosure of the walkway with the addition of the new gym. Further investigation is needed to determine any code implications of enclosing the open air walkway.

Based on this conceptual study, an estimate of 70,000 was established, based on a concept of minimally infilling the wall of the existing canopy structure with transparent window wall construction, providing doors to access to the courtyard and the play fields.

The enclosure of this 700 SF corridor was envisioned at \$100 per SF, or \$70,000 plus 15% contingency or \$80,500.

The architects completed much more field and engineering investigation of the site and building conditions once the schematic designs were approved and construction documents completed. Some of the conditions that now influence the connector enclosure are:

- Too close storm drain and underground storm pipes must be modified in the new layout
- Being an enclosed space, a dry sprinkler system is required by code for new school additions
- The pavement area between the school and the annex is improperly sloped and must be removed and regarded for proper accessible use.
- An extra set of exit doors, and potential canopy extension is likely at the west end of the annex connector
- The space must be ventilated, but not heated to control excessive summer heat gain.

- The glazed/translucent walls must be restrained by a foundation structure, likely small grade beams spanning between the existing canopy column pier footings.
- The conceptual estimates were based on 2013 construction costs.

The relative cost implications of the now known field conditions are estimated as follows:

• Storm Drain regarding/rework	\$ 5,000
• Dry sprinkler system	\$ 15,000
• Pavement removal and new accessible floor	\$ 7,000
• Extra set of doors and canopy extension	\$ 12,000
• Ventilation of connector	\$ 2,000
• Foundations for translucent walls	\$ 10,000
• Escalation from 2013 to 2015 (10%)	<u>\$ 8,500</u>
Subtotal	\$ 59,500
Original Estimate	<u>\$ 80,500</u>
A/E Redesign Services	\$ 9,900
Total Estimate for Minimal Canopy Enclosure	\$149,900

FAIRFIELD REPRESENTATIVE TOWN MEETING MEMORANDUM

TO: FAIRFIELD RTM MEMBERS
FROM: PAMELA IACONO, MODERATOR
SUBJECT: REQUEST FOR BOE BUDGET IN EXCEL
DATE: MARCH 9, 2015
CC: BETSY BROWNE, CLERK

Below please find the correspondence related to an inquiry from Representative Donovan related to receiving a copy of the BOE budget in Excel.

From: Pamela Iacono
<pamelaiacono4fairfield@gmail.com<mailto:pamelaiacono4fairfield@gmail.com>>
Date: Mon, Mar 2, 2015 at 4:31 PM
Subject: BOE Budget in Excel
To: "Dwyer, Philip" <philipdwyer@fairfieldschools.org<mailto:philipdwyer@fairfieldschools.org>>
Cc: John Donovan <d1johndonovan@gmail.com<mailto:d1johndonovan@gmail.com>>, "johnconvertito@yahoo.com<mailto:johnconvertito@yahoo.com>" <johnconvertito@yahoo.com<mailto:johnconvertito@yahoo.com>>, "Gerber, Jessica" <JESSICAGERBER@fairfieldschools.org<mailto:JESSICAGERBER@fairfieldschools.org>>, <ffldrtm@gmail.com<mailto:ffldrtm@gmail.com>>

Dear Chairman Dwyer,

Recently the RTM Finance Subcommittee Chairman Peter Ambrose made a request for and received a copy of the Town budget in Excel from CFO Bob Mayer. Today I received a request from the Vice Chairman of the Education and Recreation Subcommittee, John Donovan, for a copy of the BOE budget in Excel. I am forwarding this request to you as Chairman of the BOE. Would it be possible for the RTM to receive a copy of your BOE approved budget in Excel?

Thank you
Pam
Pamela Iacono
Moderator, RTM
Representative, District 9

From: Pamela Iacono <pamelaiacono4fairfield@gmail.com>
Date: 09/03/2015 10:27 AM (GMT-05:00)
To: "Dwyer, Philip" <PHILIPDWYER@fairfieldschools.org>
Cc: "Gerber, Jessica" <JESSICAGERBER@fairfieldschools.org>, johnconvertito@yahoo.com, ffldrtm@gmail.com
Subject: BOE Budget in Excel Follow Up

Good Morning Phil,

I'm just following up on the inquiry from Rep. Donovan. Can you please provide a status update?
Thank you.

Pamela Iacono
Moderator, RTM
Representative, District 9

From: **Dwyer, Philip** <PHILIPDWYER@fairfieldschools.org>
Date: Mon, Mar 9, 2015 at 11:42 AM
Subject: RE: BOE Budget in Excel Follow Up
To: Pamela Iacono <pamelaiacono4fairfield@gmail.com>
Cc: "Title, David G" <DTITLE@fairfieldschools.org>

Our response is unchanged from last year. Protecting the integrity of BOE data remains the practice, as supported by an FOI commission ruling last year.

We are happy to answer specific questions any RTM member may have, within reason, for further detail if it will aid in their understanding of our request.

Philip Dwyer

MEMORANDUM

TO: Dr. David Title

FROM: Ann Leffert

DATE: March 11, 2015

SUBJECT: RTM Requested information

Dr. Title:

After my original memo to the RTM on March 5, 2015, Representative Donovan requested the information be provided in more detail. That detail is listed below:

Legal fees:

- December, 2014: Attorney and Paralegal fees for Durant-Nichols

○ 1 attorney (Ruggiero) for 2 hours @ \$130/hour=	\$ 260
○ 3 attorneys (Houston, Sedor, Hodgson) for 77.5 hours @ \$200/hour=	\$15,500
○ 1 Paralegal (Krom) for 56.5 hours @ \$100/hour=	\$ 5,650
○ Other expenses (copying, postage, travel)=	<u>\$ 46</u>
TOTAL (December, 2014)	<u>\$21,456</u>

 - January, 2015: Attorney and Paralegal fees for Durant-Nichols

○ 2 attorneys (Houston and Sedor) for 129.75 hours @ \$200/hour=	\$25,950
○ 1 Paralegal (Krom) for 133 hours @ \$100/hour=	\$13,300
○ Other expenses (copying, postage, travel)=	<u>\$ 1,809</u>
TOTAL (January, 2015)	<u>\$41,059</u>

 - February, 2015: Attorney and Paralegal fees for Durant-Nichols

○ 2 attorneys (Houston and Sedor) for 75.75 hours @ \$200/hour=	\$15,150
○ 1 Paralegal (Krom) for 39.5 hours @ \$100/hour=	\$ 3,950
○ Other expenses (copying, postage, travel)=	<u>\$ 9</u>
TOTAL (February, 2015)	<u>\$19,109</u>
- | | |
|----------------------|------------------------|
| TOTAL LEGAL EXPENSES | <u>\$81,624</u> |
|----------------------|------------------------|

Arbitrator fees:

- | | |
|---|-----------------|
| • John Romanow, Esq. (Representing the Board) | \$ 6,800 |
| • Lee Williamson, Esq. (Representing the Public) (BOE share of cost)* | \$ 5,525 |
| • Cheryl Damato (Court Stenographer) (Invoice received 3/5/15)* | \$ 1,093 |
| TOTAL ARBITRATOR FEES | \$13,418 |

TOTAL COST FOR BOE OF ARBITRATION FOR FSAA: \$81,624 + \$13,418= **\$95,042**

*Invoices received after the first memo of March 5, 2015

NON-RECURRING CAPITAL

SECTION 1

PROJECTS

01-28-2015

**TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS REQUESTED AND ASSOCIATED REIMBURSEMENTS
SUBMITTED TO THE BOARD OF SELECTMEN
JANUARY 21, 2015**

FISCAL YEAR 2015/2016

TOWN

Department	Project	Project Amount	Reimbursement *	Net Project Amount	Changes from 9/2014 Plan
DPW	Pine Creek Dike Study	\$350,000	(\$225,000)	\$125,000	New
DPW	Main Library HVAC	\$250,000		\$250,000	Increased \$100K
DPW	Road Paving Fund	\$1,000,000		\$1,000,000	New
DPW	Valley Road Bridge	\$220,000	(\$176,000)	\$44,000	New
DPW	6-Wheel Asphalt Truck	\$224,000		\$224,000	
DPW	10-Wheel Dump Truck	\$228,000		\$228,000	
DPW	Payloader	\$180,000		\$180,000	New - Replaces \$185K Aerial Truck Request
DPW	Gould Manor Pond Dredging	\$275,000		\$275,000	Increased \$25K
DPW	6-Wheel All-Season Dump Truck	\$200,000		\$200,000	New - Replaces \$190K Sweeper Request
DPW	Independence Hall Energy Upgrades	\$300,000		\$300,000	Reduced \$100K
DPW	Tunxis Hill Butler Building	\$350,000		\$350,000	
DPW	Commerce Drive Bridge Design	\$200,000	(\$100,000)	\$100,000	Reduced \$50K
DPW	Burr Mansion Improvements	\$150,000		\$150,000	New
PARK & REC	Golf Course Renovation	\$100,000		\$100,000	
FIRE	Pumper	\$600,000		\$600,000	
IT	Cluster Replacement - ECC	\$105,000		\$105,000	
SUBTOTAL NON-RECURRING CAPITAL:		\$4,732,000	(\$501,000)	\$4,231,000	

BOARD OF EDUCATION

School	Project	Project Amount	Reimbursement *	Net Project Amount
DWIGHT	Partial Roof Replacement	\$1,232,342	(\$320,000)	\$912,342
JENNINGS ELEM.	Replace Two 1966 Boilers	\$382,000		\$382,000
FFLD. LUDLOWE HIGH	Replace Artificial Turf Field	\$650,000		\$650,000
SYSTEMWIDE	Security & Safety Infrastructure	\$3,222,428	(\$150,000)	\$3,072,428
SUBTOTAL NON-RECURRING CAPITAL:		\$5,486,770	(\$470,000)	\$5,016,770

GRAND TOTAL NON-RECURRING CAPITAL: **\$10,218,770** **(\$971,000)** **\$9,247,770**

*Note: Reimbursement typically not received in same year as project request year. Cash flow for Waterfall reflects reimbursement in fiscal year expected.

** Project cost split over three fiscal years

**TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS REQUESTED AND ASSOCIATED REIMBURSEMENTS
SUBMITTED TO THE BOARD OF SELECTMEN
JANUARY 21, 2015**

FISCAL YEAR 2016/2017

TOWN

Department	Project	Project Amount	Reimbursement *	Net Project Amount
DPW	S. Benson Dock & Basin Renovations	\$400,000		\$400,000
DPW	Fairfield Woods Library Generator	\$120,000		\$120,000
DPW	Perry's Green Bulkhead	\$150,000		\$150,000
DPW	Dwight Field Renovation	\$120,000		\$120,000
DPW	Turney Creek Tide Gates	\$400,000		\$400,000
DPW	Commerce Dr Bridge Construction	\$850,000	(\$272,000)	\$578,000
DPW	Burr Mansion Painting	\$150,000		\$150,000
DPW	Hulls Farm Rd Bridge Design	\$150,000	(\$30,000)	\$120,000
DPW	6-Wheel All Season	\$200,000		\$200,000
DPW	6-Wheel Asphalt Truck	\$224,000		\$224,000
DPW	6-Wheel Dump Truck	\$200,000		\$200,000
DPW	Loader	\$180,000		\$180,000
DPW	Sweeper	\$190,000		\$190,000
DPW	Fire Station #4	\$350,000		\$350,000
Park & Rec	Golf Course Renovation	\$100,000		\$100,000
Fire	Pumper e-5 Lsn11	\$610,000		\$610,000
Conservation	Rooster River Bank Stabiliz.	\$150,000		\$150,000
IT	Cluster Replacement - Town	\$105,000		\$105,000
SUBTOTAL NON-RECURRING CAPITAL:		\$4,649,000	(\$302,000)	\$4,347,000

BOARD OF EDUCATION

School	Project	Project Amount	Reimbursement *	Net Project Amount
OSBORNE HILL	Bathrooms	\$364,652		\$364,652
TOMLINSON	Roof	\$837,791	(\$221,428)	\$616,363
FWHS	Artificial Turf Field	\$650,000		\$650,000
SUBTOTAL NON-RECURRING CAPITAL:		\$1,852,443	(\$221,428)	\$1,631,015

GRAND TOTAL NON-RECURRING CAPITAL:

\$6,501,443	(\$523,428)	\$5,978,015
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*Note: Reimbursement typically not received in same year as project request year. Cash flow for Waterfall reflects reimbursement in fiscal year expected.

**TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS REQUESTED AND ASSOCIATED REIMBURSEMENTS
SUBMITTED TO THE BOARD OF SELECTMEN
JANUARY 21, 2015**

FISCAL YEAR 2017/2018

TOWN

Department	Project	Project Amount	Reimbursement *	Net Project Amount
DPW	Senior Center Renovation Design	\$150,000		\$150,000
DPW	Tunxis Hill Upper Field Renovation	\$130,000		\$130,000
DPW	Sherman Field Renovation	\$100,000		\$100,000
DPW	Brookside Dr Bridge Design	\$300,000		\$300,000
DPW	Hulls Farm Rd Bridge Construction	\$800,000		\$800,000
DPW	Riverfield Ballfield Renovation	\$112,000		\$112,000
DPW	6-Wheel All Season	\$200,000		\$200,000
DPW	6-Wheel Hook Lift	\$200,000		\$200,000
DPW	6-Wheel Dump Truck	\$200,000		\$200,000
Park & Rec	Golf Course Renovation	\$100,000		\$100,000
Park & Rec	Lighting	\$125,000		\$125,000
Police	Police Boat	\$220,000		\$220,000
Conservation	Grasmere Flood Control &	\$100,000		\$100,000
IT	Cluster Repl. - Ffld. Woods Lib.	\$105,000		\$105,000
SUBTOTAL NON-RECURRING CAPITAL:		\$2,842,000	\$0	\$2,842,000

BOARD OF EDUCATION

School	Project	Project Amount	Reimbursement *	Net Project Amount
DWIGHT	Bathrooms	\$303,877		\$303,877
FLHS	Boilers	\$401,100		\$401,100
SUBTOTAL NON-RECURRING CAPITAL:		\$704,977	\$0	\$704,977

GRAND TOTAL NON-RECURRING CAPITAL:	\$3,546,977	\$0	\$3,546,977
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*Note: Reimbursement typically not received in same year as project request year. Cash flow for Waterfall reflects reimbursement in fiscal year expected.

**TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS REQUESTED AND ASSOCIATED REIMBURSEMENTS
SUBMITTED TO THE BOARD OF SELECTMEN
JANUARY 21, 2015**

FISCAL YEAR 2018/2019

TOWN

Department	Project	Project Amount	Reimbursement *	Net Project Amount
DPW	Fire Station #2 Mntce. Relocation to Ft	\$500,000		\$500,000
DPW	Fairfield Woods Library Elevator	\$275,000		\$275,000
DPW	6-Wheel All Season	\$200,000		\$200,000
DPW	6-Wheel Dump Truck	\$200,000		\$200,000
DPW	Back Hoe - Medium	\$150,000		\$150,000
Park & Rec	Golf Course Renovation	\$100,000		\$100,000
Fire	Pumper E3 Lsn12	\$625,000		\$625,000
Conservation	Lake Mohegan - Cottage	\$100,000		\$100,000
Conservation	McLevy - Replace Tidegates	\$200,000		\$200,000
Conservation	Center St. Horse Tavern Creek Drainag	\$200,000		\$200,000
IT	IT Relocation	\$950,000		\$950,000
SUBTOTAL NON-RECURRING CAPITAL:		\$3,500,000	\$0	\$3,500,000

BOARD OF EDUCATION

School	Project	Project Amount	Reimbursement *	Net Project Amount
N. STRATFIELD	Ceiling & Lights	\$335,024		\$335,024
FWHS	Bathrooms	\$1,447,031		\$1,447,031
SUBTOTAL NON-RECURRING CAPITAL:		\$1,782,055	\$0	\$1,782,055

GRAND TOTAL NON-RECURRING CAPITAL:	\$5,282,055	\$0	\$5,282,055
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*Note: Reimbursement typically not received in same year as project request year. Cash flow for Waterfall reflects reimbursement in fiscal year expected.

**TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS REQUESTED AND ASSOCIATED REIMBURSEMENTS
SUBMITTED TO THE BOARD OF SELECTMEN
JANUARY 21, 2015**

FISCAL YEAR 2019/2020

TOWN

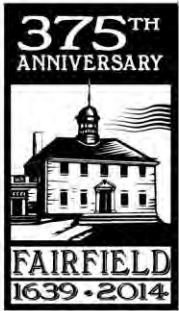
Department	Project	Project Amount	Reimbursement *	Net Project Amount
Park & Rec	Golf Course Renovation	\$100,000		\$100,000
DPW	6-Wheel Hook Lift	\$200,000		\$200,000
DPW	Back Hoe - Medium	\$150,000		\$150,000
Conservation	Perry's Mill - Rebuild/Breach Dam - Mi	\$200,000		\$200,000
Conservation	Riverside Drive - Replace Tidegates	\$200,000		\$200,000
SUBTOTAL NON-RECURRING:		\$850,000	\$0	\$850,000

BOARD OF EDUCATION

School	Project	Project Amount	Reimbursement *	Net Project Amount
TOMLINSON	Ceiling & Lights	\$668,528		\$668,528
STRATFIELD	Front Façade	\$351,775		\$351,775
SUBTOTAL NON-RECURRING CAPITAL:		\$1,020,303	\$0	\$1,020,303

GRAND TOTAL NON-RECURRING CAPITAL:	\$1,870,303	\$0	\$1,870,303
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*Note: Reimbursement typically not received in same year as project request year. Cash flow for Waterfall reflects reimbursement in fiscal year expected.



Town of Fairfield

Sullivan Independence Hall
725 Old Post Road
Fairfield, Connecticut 06824

Public Works Administration

TEL: (203) 256 - 3010

FAX: (203) 256 - 3080

January 15, 2015

Please find the enclosed 14 point document for the following Capital Non-recurring Requests:

Department	Project	Project Amount	Reimbursement	Net Project Amount
DPW	Pine Creek Dike Study	\$350,000	(\$225,000)	\$125,000
DPW	Main Library HVAC	\$250,000		\$250,000
DPW	Road Paving Fund	\$1,000,000		\$1,000,000
DPW	Valley Road Bridge	\$220,000	(\$176,000)	\$44,000
DPW	6-Wheel Asphalt Truck	\$224,000		\$224,000
DPW	10-Wheel Dump Truck	\$228,000		\$228,000
DPW	Payloader	\$180,000		\$180,000
DPW	Gould Manor Pond Dredging	\$275,000		\$275,000
DPW	6-Wheel All-Season Dump Truck	\$200,000		\$200,000
DPW	Independence Hall Energy Upgrades	\$300,000		\$300,000
DPW	Tunxis Hill Butler Building	\$350,000		\$350,000
DPW	Commerce Drive Bridge Design	\$200,000	(\$100,000)	\$100,000
DPW/Fairfield Museum	Burr Mansion Safety & ADA Accessibility Upgrades	\$150,000		\$150,000

Sincerely,

Joseph Michelangelo, P.E., Director of Public Works

thereof. It would recommend a height the dike should be raised to and would also recommend the type of methods and materials that should be used to accomplish the objective. By elevating the dike, the effects of flooding due to coastal storms and tidal surges will be mitigated, protecting this neighborhood from future more severe coastal storms. The initial study conducted by the ACOE determined that this project is economically justified and that Federal Interest does exist for conducting a cost-shared Feasibility Study.

3. **DETAILED DESCRIPTION OF PROPOSAL** - The Feasibility Study conducted by the ACOE will include a more in-depth study conducted by a multitude of professionals including structural and hydraulic engineers, geotechnical engineers, geologists and economists. The study will consider many alternatives that will result in a recommendation of the most cost effective way to elevate the dike while having the least impact on the properties abutting the dike. The study is cost-shared with the ACOE responsible for the initial \$100,000. The remaining cost of the study is shared between the Town Of Fairfield and the ACOE 50/50. It is estimated that this study will cost \$350,000, thus Fairfield's cost would be \$125,000. In August 2014, a Federal Interest Determination Investigation conducted by the ACOE supported this project.



4. **RELIABILITY OF ESTIMATED COST** - The cost of the study was determined by the ACOE and is based on their past experience with similar projects. The cost for this study would be considered very reliable.
5. **INCREASED EFFICIENCY AND PRODUCTIVITY** - Once the Feasibility Study is completed and found to be an economically feasible project, the next step would be to pursue the construction phase of this project.
6. **ADDITIONAL LONG-RANGE COSTS** – The construction costs would be cost-shared, with the ACOE responsible for 65% of the project and the Town Of Fairfield responsible for 35%. With an estimated cost of \$7,000,000 for this project the Town's cost to protect this area of town would be \$2,450,000. The benefit found here is clear: total home values in the South Pine Creek area far exceed this cost. These homes would be protected from flooding and destruction of property. Additionally the burden placed on the Town Of Fairfield for clean-up after such a storm event and loss of infrastructure would be minimized.
7. **ADDITIONAL USE OR DEMAND**- No additional use or demand as a result of this project.
8. **ALTERNATIVES** - Do nothing. By not participating in the Feasibility Study, the Town Of Fairfield forgoes the opportunity to have the ACOE conduct an in-depth, technically executed study at a discounted rate of 65%. By doing nothing, the Town of Fairfield would be abandoning an opportunity that is needed to establish justification in providing coastal resiliency to the South Pine Creek neighborhood.
9. **SAFETY AND LOSS CONTROL** - By providing technical expertise that will make a determination as to whether or not the dike should be elevated; the Town can be assured that it is providing proper protection of its infrastructure and the private properties that could be impacted. Proper protection of the South Pine Creek neighborhood would reduce future loss of life and property and would keep our roadways accessible to emergency services. In doing so the safety of the public during such a severe coastal storm event can be secured and maintained.
10. **ENVIRONMENTAL CONCERNS** - No environmental considerations. This request is for an in-depth study to be conducted to determine the ultimate feasibility of a future project.
11. **INSURANCE** - No effect on insurance rates.
12. **FINANCING** – It is estimated that 65% of the cost of the Feasibility Study will be funded by the ACOE; the remaining 35% will be funded by the Town. Additional grants (CDBG-DR Tranche 3 Grants) will be coming available in the near future and this project may be eligible. If eligibility requirements are met and the Town is ultimately awarded this grant, then 80% of the 35% cost share may be covered.

13. OTHER CONSIDERATIONS – This project is listed as an item of consideration in the Town Of Fairfield’s Natural Hazard Mitigation Plan adopted in 2014. This Plan is required by FEMA to qualify for HMGP Awards; this applies to both public and private entities. Any steps taken towards seeing this project come to fruition is an indication that the Town Of Fairfield is moving in the right direction towards making this shoreline community more resilient to withstand severe coastal storms.

14. <u>OTHER APPROVALS</u> -	Board of Selectmen	Jan 2015
	Board of Finance	Feb 2015
	RTM	Feb 2015

Main Library HVAC

COST \$250,000

1. Background ---At 64,000 square feet, the Fairfield Public Library is the largest facility that the Town of Fairfield owns and maintains (other than schools). It is also, at least partially, one of the Town's oldest dating to the early 1900's. There was an addition built in 2005. The library is also the Town's largest consumer of electricity at over 600,000kwh annually. It is open 69 hours a week. Over 340,000 people visited the library in 2014. The two large rooftop air handling units are failing. In addition, there are not enough zones to distribute the heating and cooling properly. The control system has also failed. Finally, the old boiler (one was replaced in 2005) is way beyond its useful life. It has become very time consuming and costly to maintain and sustain normal heating and cooling in many areas of the building, especially the children's area and other public areas.

2. Purpose and Justification ---To modernize the heating and cooling system in order to create savings in both electricity and natural gas. To create a safe and comfortable air space especially for children, senior citizens, and the staff.

3. Detailed Description of the Proposal ---

- Replace two (2) rooftop air handler units with high efficiency units with VFDs to control air flow and economizers to utilize outside air for cooling when possible
- Replace the Variable Air Volume (VAV) heating and cooling system with a Variable Volume and Temperature (VVT) system. This system will maintain the static pressure in the ductwork either with a variable frequency drive or bypass damper. The VVT system doesn't maintain a 55 degree discharge it can be in either heat mode or cool mode which ever it needs to maintain the temperature in the space. Because it does not pump air continuously, it saves on electricity. Because it closes, every room becomes a zone.
- Install new duct work as needed
- Zones will be added where needed
- Add plug power controls that automatically shut off all plugged in equipment at a preset time and turns them on at another preset time
- An energy dashboard and a new control system for the above installations
- A new supplemental boiler will replace the old boiler.

4. Reliability of Estimated Costs -The costs have been estimated by our energy consultants and the Public Works Department. It is based on past experience.

5. Increased Productivity or Efficiency ---The project is estimated to reduce electric consumption by 15%, and cost by the same 15%---100,000kwh and \$17,500 annually in today's dollars. There will be additional savings in the reduction of the inordinate amount of time and money spent on maintenance.

6. Additional Long Range Costs ----None

7. Additional Use or Demand on Existing Facilities----None

8. Alternatives to This Request ----- Do nothing and have the controls and other equipment continues to fail and degrade and energy costs increase because of the increased inefficiencies. The current condition leads to discomfort to Library patrons and staff.

9. Safety and Loss Control ----Not applicable

10. Environmental Considerations --- The project will help reduce the consumption of depleting natural resources, lower emissions of both greenhouse gasses and criteria pollutants, and will provide a healthier work space. In addition two of the main groups using the library, senior citizens and children, will be provided a healthier and more comfortable atmosphere.

11. Insurance ----The replacement of older equipment may lower the rates

12. Financing - --There are two sources of financing, the Town of Fairfield capital Budget and United Illuminating's Energy Opportunity Program, as follows:

Fairfield capital budget	\$250,000
United Illuminating	<u>\$125,000</u>
Total estimated cost	\$375,000

13. Other Considerations ---The project will not be undertaken until after UI approval of its share of the costs.

14. Other Approvals --- Board of Selectmen Jan 2015

Board of Finance Feb 2015

RTM Feb 2015

Road Paving Fund - Cost: \$1,000,000

1. **Background-** There is a long standing debate about funding paving through bonds or budgeted operations and it is the DPW belief that we should propose a bond to rebuild streets which have reached a point where maintenance practices won't extend the life of the pavement any further. We feel this bond would be used exclusively for bonding true rebuilding of roads which will include, storm drain improvements, adjusting driveways, adjusting man holes, and limited concrete curb improvements. The cost factor of this proposal has been lessened by the use of a cold mix base instead of a hot mix asphalt base as we continue to stretch our paving dollars. There will be a list of streets attached but we expect to complete 4.15 miles in 2016.
2. **Purpose-** DPW can't pay for these higher costing solutions through operating maintenance dollars which would directly impact the existing health of the infrastructure as well as its condition moving forward. We will represent that this is a 2 year catch up program and we feel if funding stays in the annual operating budget around the \$3 million dollar value we can maintain that network moving forward.
3. **Description of Proposal-** We have targeted streets based on their condition that require rebuilding, typical rebuilding would consist of 2 layers of hot asphalt, we have had very good success re-using road millings as a cold mix base which allows us to stretch our paving dollars. We would bond those costs, utilize contractors to complete the work on Town or State bids, with in house Highway personnel not only overseeing the project, but contributing with equipment and manpower.

2016 RECLAIM COLD MIX HMA (HOT MIX ASPHALT)

L	W	STREET	SQ YD	COLD MIX 2"	HMA 1.5"	\$18.50 PER SY
487	30	Arrowhead Lane	1,623	187	140	30,032
90	30	Galoping Hill Road	300	34	26	5,550
531	30	Martingale Lane	1,770	203	21,240	32,745
1,664	18	Mine Hill Road (Brookside to Verna Hill)	3,328	383	287	61,568
2,560	19	Mine Hill Road (Verna to Old Academy #2 opp Farmstead)	5,404	621	466	99,982
2,500	30	Mountain Laurel Road	8,333	958	100,000	154,167
1,412	20	Old Academy (Dunham - Redding)	3,138	361	270	58,049
2,638	16	Old Academy (Burr - Mine Hill)	4,690	539	404	86,761
1,610	18	Old Academy (Mine Hill to Hillside)	3,220	370	278	59,570
670	29	Old Elm Road	2,159	248	186	39,939
674	30	Oriole Lane	2,247	258	26,960	41,563
1,500	26	Springer Road	4,333	498	52,000	80,167
3,164	22	Verna Hill (Hill - Red)	7,734	889	667	143,083
1,507	21	Verna Hill (Mine - Hill)	3,516	404	303	65,052
736	19	Verna Hill Road (Mine Hill to Greenfield Hill)	1,554	179	134	28,745
200	30	Wyncum Valley Road	667	77	8,000	12,333
4.15 miles			54,017	6,209	211,361	\$999,306

4. **Reliability of cost estimate-** An 8 on a scale of 1-10. The only reservation would be future oil escalation that impacts asphalt pricing, but our square footage as well as construction plan are very solid and have been proven in past projects. We utilize State DAS procurement to get optimum pricing.
5. **Increased Efficiency and Productivity-** These streets are geographically located to ensure us quantities at good pricing as well as the fact that we won't be investing labor in patching these streets as they continue to fall apart.
6. **Additional long range cost-** We see regular scheduled maintenance that will be needed, like future crack seals or even further down the road micro seals, but no direct impact expected by completing the work, would have concerns if we don't do the work what long range cost increases might be.
7. **Additional use or demand-** No additional use or demand known, other than happy residents for having the roads improved.
8. **Alternatives to this request-** DPW currently uses many different aggressive paving strategies, based on the condition and expected results, there is no better solution.
9. **Safety-** The public will have improved surfaces for driving as well as pedestrian use. All contractors as well as DPW forces follow all safety standards.
10. **Environment Considerations-** By re-using road millings as the base layer of the process, it is not only viewed as a recycling process, but less fumes compared to omissions from new asphalt.
11. **Insurance-** All contractors are insured, licensed, bonded as well as DPW personnel are covered, no additional insurance coverage needed.
12. **Financing-** Project bonded as part of non-recurring capital appropriation.
13. **Other considerations-** None at this time, we feel we have a solid rebuilding plan with best practice and cost for current condition.

14. Approvals-

Board of Selectmen	Jan 2015
Board of Finance	Feb 2015
RTM	Feb 2015

Valley Road Bridge – FINAL Design of new bridge over the Horse Tavern Brook

Cost = \$220,000

1. **Background** – Valley Road is a north/ south collector road which serves as a local route and commuter route for the Stratfield section of Town. The bridge crosses over the Horse Tavern Brook in a park and small neighborhood setting. It was constructed in 1930 and with a section added on in 1957. The existing bridge # 04956 is approximately 35' in width, has a 23.4 ft. roadway width and includes one pedestrian sidewalk. The bridge is a total of 44' in length, supported by concrete abutments on both ends with a middle pier (former original abutment). The bridge has been rated by the Connecticut DOT as being in poor condition since 2000. The bridge has exposed rebar, cracks, scalling/spalling and girders are rated in poor condition. There is evidence of scouring along the pier footing. In addition to extensive corrosion on the beams which have reduced its strength, the bridge has also been rated as scour critical, which means that the river currents can possibly threaten the concrete foundation which supports the bridge. The bridge was scheduled for advertising in June 2014 but design issues and costs have delayed this date.

2. **Purpose and Justification** – The purpose of the project is to replace the poorly rated bridge with a new structure. The design will allow the Town to perform the much needed planned replacement of this structure, and to establish more accurate construction costs. The new bridge will allow general public traffic to access Stratfield businesses, highways, and local neighborhoods in this section of Town. Preliminary design and structure type studies have been performed and after meeting with Town officials, Inland Wetlands Staff, State DOT and members of the public at a public informational meeting, the design footprint and structure have been agreed upon. Due to the fact that this is a skewed bridge with two immediately adjacent intersections, limited right of way, adjacent parkland and hydraulic restraints, the design fee is much higher than a typical bridge.

3. **Detailed Description of Proposal** – The project will include all engineering and environmental evaluations necessary. The Consultant has been selected and has completed preliminary design. The next phase is to complete final design, to obtain all permits necessary, and to complete plans, specifications and documents regarding contract bidding for construction.
 The design services will include:
 - Preparation of detailed plans, cost estimates and specifications, including specialized phasing near both intersections.
 - Coordination with local/state/federal permitting agencies and local neighborhood Committee.
 - Adhering to DOT procedures to preserve funding opportunities= 80 % federal reimbursement.

4. **Reliability of Cost Estimate** – Based on recent bridge projects, on a scale of 0 to 10 the reliability of the estimate is 9 based on the negotiated settlement of design fees that involved Town, Close Jensen and Miller, DOT and the Consultants (Dewberry). This long detailed process took over one year to negotiate and settle on design hours and fees.
5. **Increased Efficiency or Productivity** – Allow the public and commerce safe and efficient access to and from their homes, businesses and destination points.
6. **Additional Long Range Costs** – The subsequent construction of the bridge (anticipated 2016 or 2017) will be in the \$1.6 M to \$2.8M range. The Town will receive Federal funding, at an approximately 80% reimbursement of eligible costs for design, inspection and construction costs of the project. The bridge will have a 50-75 year life span before it will need to be rehabilitated or replaced.
7. **Additional Use or Demand on Existing Facilities** – None Anticipated.
8. **Alternatives to this Request** – The preliminary design included 4 different type bridge structures. One design presented which was the most cost effective, consisted of a precast structure overbuilt for ease of construction looked like an aircraft carrier about 60 feet wide. The final design currently selected was agreed upon by Engineering, Conservation staff, DOT officials and the general public in attendance at the public informational meeting including the Brooklawn Parkway/Valley Road residents. If we do nothing, the bridge will eventually have the weight reduced further that would impact local traffic and businesses. Failure to repair or replace bridge may result in State charging Municipalities for extra inspections. Redesign would be costly and very controversial to the neighborhood, which has been very involved in the design process so far.
9. **Safety and Loss Control** – Further deterioration of bridge will result in weight limits and then could ultimately lead to a bridge closure. Current design includes required safety features.
10. **Environmental Considerations** – All environmental permits will be secured. Reviews by USACE, CT DEEP, Fairfield Inland Wetlands will be performed. Hydrology, hydraulics, and environmental mitigation have been preliminarily discussed and will be further studied.
11. **Insurance** – The selected consultant has the necessary insurance prescribed by the Purchasing Department.
12. **Financing** – Project will be bonded as part of the Non-Recurring Capital appropriation. The Town will receive 80 % reimbursement for all eligible costs regarding design, inspection, right of way and construction.

13. **Other Considerations:** Will seek additional funding for construction when final cost estimates are performed.

Other Approvals:

Board of Selectman	-	Jan 2015
Board of Finance	-	Feb 2015
RTM	-	Feb 2015



Photo 1: West elevation of bridge.



Photo 2: East elevation of bridge.



Photo 3: Bridge looking south. Valley Road is towards south & Brooklawn Parkway NB is towards southwest.



Photo 4: Bridge looking from Brooklawn Parkway SB. Valley Road is towards northeast & Livingston Street is towards northwest.

Dewberry
59 Elm Street, Suite 101
New Haven, CT 06510

STRUCTURE TYPE STUDY
BRIDGE NO. 04956, VALLEY ROAD OVER HORSE TAVERN BROOK
FAIRFIELD, CT

Photo Sheet
1 of 3



Photo 9: Condition of superstructure and 6" diameter gas main on west fascia.



Photo 10: Condition of south abutment and SW wingwall.



Photo 11: Channel Downstream.



Photo 12: Channel upstream.

Dewberry
59 Elm Street, Suite 101
New Haven, CT 06510

STRUCTURE TYPE STUDY
BRIDGE NO. 04956, VALLEY ROAD OVER HORSE TAVERN BROOK
FAIRFIELD, CT

Photo Sheet
3 of 3

6 -Wheel Asphalt Truck - \$224,000

1. Background- The heart of the Towns Public Works fleet are approximately 20 dump trucks which are in the 38,000 gross vehicle weight (GVW) range. Some of these trucks can be equipped with bodies specifically configured with fix mounted bodies to handle hot asphalt. The Public Works Department currently has three of these trucks. These are “vee” shaped with conveyors to discharge asphalt. They are used for asphalt pot hole patching and trench repair, asphalt curbing installation and sidewalk work. The truck body will have a chute to facilitate roadside lawn repairs. The Truck is equipped for winter operations (snow & ice) and is a front line truck assigned to one of the Town’s 27 plow routes.

2. Purpose and Justification- To replace one of the 6 Wheel Asphalt Paving Trucks (#174), a 1997 Ford F-800 GMC. This vehicle has 104,000 miles, and is no longer reliable. Replacement parts are no longer available. The engine burns an extensive amount of oil and is in need of an overhaul. Engine and transmission work on the existing truck would cost approximately \$20,000. If a new truck is approved, the existing truck will be sold at auction, and is not expected to be worth more than \$5,000.

3. Detailed Description of Proposal- The Truck will be purchased through a public bid process. The estimated price of \$224,000 is from the following major components:

Truck Chassis -	\$95,000
Asphalt body, conveyor & chute -	\$95,000
Plow & Pre-wet system -	\$34,000

4. Reliability of Cost Estimate- On a scale of 1 to 10, the reliability of this estimate is a 9

5. Increased Efficiency and Productivity- This will allow us to continue to perform asphalt related construction work. It will also allow us to successfully manage winter snow & ice operations.

6. Additional Long Range Costs- None.

7. Additional Use or Demand- Addressing this issue would not create any additional demand or usage.

8. Alternatives To This Request- The existing truck is not worth rebuilding the engine, as it would exceed the value of the vehicle. If not approved, we would continue to nurse this truck along, but it would have to be put out of service in the very near future. Not replacing this truck would adversely affect the service levels of the department, and the amount of in-house asphalt work we can perform.

9. Safety- If not addressed, the truck will continue to deteriorate and will need to be taken off the road.

10. Environmental Considerations- Newer diesel trucks have elaborate emissions systems which are far superior to the previous generation of trucks.

11. Insurance- This type item is not covered by insurance.

12. Financing- Project to be bonded as part of non-recurring capital appropriation

13. Other Considerations- None.

14. Approvals-

Board of Selectmen Jan 2015

Board of Finance Feb 2015

RTM Feb 2015

10 - Wheel Dump Truck - \$228,000

1. Background- The Town's Public Works fleet has four larger 10 wheel (often referred to as Tandems) dump trucks, which are in the 60,000 gross vehicle weight (GVW) range. These trucks are equipped with dump bodies. The capacity of the truck is 11-14 yards, which is approximately twice as much as our standard 6 - wheel dump truck. The 10 Wheelers are used for large hauling of construction material, both removing excavated material from job sites and transporting stone & gravel to jobsites. Based on the size and scope of a particular project, the larger vehicle capacity can save numerous truck trips. The Truck will be equipped for winter operations (snow & ice) and is a front line truck assigned to one of the Town's 27 plow routes. The 10 Wheelers generally handle the Town's major collector and arterial roads. The larger capacity allows the truck to remain for longer periods on the road between trips to the Public Works yard to reload salt. The truck body is "all-season" which has a built in conveyor system which allows it to be used interchangeably for construction or spreading salt, without any conversion necessary.

2. Purpose and Justification- This will replace a 1989 Mack Truck R-600(#89) with 120,000 miles. The truck body is completely rusted and rotted, and it is no longer able to dump loads. This limits the truck to snowplowing functions at this time. This vehicle will be sold at auction, and is only expected to return several thousand dollars.

3. Detailed Description of Proposal- The Truck will be purchased through a public bid process. The estimated price of \$228K is from the following major components:

Truck Cab & Chassis -	\$108,000
All Season Body -	\$56,000
Plow & Pre-wet system -	\$64,000

4. Reliability of Cost Estimate- On a scale of 1 to 10, the reliability of this estimate is a 9

5. Increased Efficiency and Productivity- This will allow us to continue to efficiently perform construction work. It will also allow us to successfully manage winter snow & ice operations.

6. Additional Long Range Costs- None.

7. Additional Use or Demand- Addressing this issue would not create any additional demand or usage.

8. Alternatives To This Request- The existing truck can continue to run, but will require costly maintenance repairs. If not approved, we would continue to nurse this truck along for winter operations. The fleet does not get any younger, and we would only be deferring future truck purchases. Not replacing this truck would adversely affect the service levels of the department.

9. Safety- If not addressed, the truck will continue to deteriorate and will need to be taken off the road.

10. Environmental Considerations- Newer diesel trucks have elaborate emissions systems which are far superior to the previous generation of trucks.

11. Insurance- This type of item is not covered by insurance.

12. Financing- Project to be bonded as part of non-recurring capital appropriation.

13. Other Considerations- None.

14. Approvals-

Board of Selectmen Jan 2015

Board of Finance Feb 2015

RTM Feb 2015

Payloader - John Deere 544 Wheel Loader or Equal**Cost: \$180,000**

1. Background- A loader is the most versatile front line heavy duty pieces of machinery for the Public Works Dept. It is used daily on our roads and in the D.P.W. yard to load materials such as dirt, stone, salt, sand and millings into the town's dump trucks the machine is also a major part of severe storm clean up and snow plowing and snow removal. The machine has many interchangeable front attachments to aid in daily work. These attachments include loader bucket, brush bucket, four in one grading bucket, front loading forks for pallets and a manhole cutting auger. All of these attachments are interchangeable from one machine to another.

2. Purpose and Justification- The D.P.W. currently has 4 loaders. This would replace 2000 John Deere 544K #289. The current loader has 13,250 hours and is beyond its 10-12,000 hour projected life. Beyond this projected lifespan the machine is due for a major engine driveline overhaul. The machine is capable of operating in the D.P.W yard but would be unreliable for over the road use limiting its full capability. The machine will be sold at auction.

3. Detailed Description of Proposal- This will replace the existing loader with a similar size piece of equipment.

4. Reliability of Cost Estimate- On a scale of 1 to 10, the cost estimate is a 9. The item will be publically bid or purchased through the State DAS Consortium.

5. Increased Efficiency and Productivity- This will allow us to continue to perform the construction and maintenance on our town roads and property.

6. Additional Long Range Costs- None

7. Additional Use or Demand- None

8. Alternatives To This Request- The cost to overhaul the current 2000 John Deere loader is estimated at \$58,000 and only estimates the cost to overhaul the engine and driveline.

9. Safety- If not replaced the machine will be taken out of service very shortly.

10. Environmental Considerations- Newer machines have improved exhaust systems.

11. Insurance- This type of item is not covered by insurance.

12. Financing- Project bonded as part of a non-recurring capital appropriation.

13. Other Considerations- None

14. Approvals- Board of Selectmen Jan 2015

Board of Finance Feb 2015

RTM Feb 2015

Gould Manor Pond Dredging

Cost: \$275,000

1. **Background** – Several rain events in 2006-2014 have caused flooding of the Grasmere Brook that travels through Gould Manor Park via the pond and spillway system.
2. **Purpose and Justification** – The purpose of the project is to provide environmental improvements and improved detention storage to alleviate some flooding and washout erosion at the Park, ballfields and nearby neighborhood. The pond was last dredged in the 1980s and the accumulation of sediment has created a shallow delta inlet, resulting in more insects, an attraction for geese and a shallower pond with decreases water quality.
3. **Detailed Description of Proposal** – Dredging will include dewatering of the pond, creating a temporary bypass, excavation-removal of 5000 CY of soils. Project must include disposal of Benzoanthracene , Benzoflourathene , and Benzopyrene compounds that were found in sample testing. These Semi Volatile Organic Compounds must be disposed and transported to Massachusetts or another State that accepts these compounds- CT does not.
4. **Reliability of Cost Estimate** – Based on past disposal and transportation of contaminated soils, this cost estimate's reliability on a scale of 0 to 10 is only a 6.5 based on varying factors such as exact volume of excavation, transportation costs and dumping costs. Only after a contract bid, will these numbers become more accurate (9.0). Volume measures and weights can vary depending on water content in soil.
5. **Increased Efficiency or Productivity** – When project is completed, area should receive an environmental improvement and provide increased stormwater storage. Unfortunately the pond would have to be made significantly larger in size and deeper to provide flood protection.
6. **Additional Long Range Costs** – There would be no additional long range costs. If funding allows, Town can construct additional sediment traps in the form of natural and man-made structures to collect sediment. This could include sediment forebays, catch basins with larger sumps and gross particle separators for the contributing storm systems.
7. **Additional Use or Demand on Existing Facilities** – None Anticipated; although additional park activities such as skating, fishing, and walking around Pond may be anticipated.

8. **Alternatives to this Request** – Do nothing- There would be less detention storage available and the pond will continue to “fill in”. Activities and enjoyment of the area will be diminished.
9. **Safety and Loss Control** –Flooding potential would worsen if Pond is not dredged out. If Pond is dredged, side slopes shall be tapered to reduce sudden drop offs in the event of illegal swimming.
10. **Environmental Considerations** – All environmental permits will be secured. Environmental benefits will be improvement of water quality, and better habitat for flora and fauna. Removal of contaminated soils will have to meet State/Federal regulations and protocol for proper excavation, storage and disposal activities including waste manifests. Deeper waters promotes more fish and other wildlife.
11. **Insurance** – Any selected Consultants/Contractors will be required to carry the necessary insurance prescribed by the Purchasing Department.
12. **Financing** – Project will be bonded as part of the Non-Recurring Capital Appropriation. Town will also investigate potential grants, for any reimbursements, although there are none known at this time.
13. **Other Considerations:** N/A although the Town can investigate if there are “in house labor cost savings” but removal of contaminated soils is considered a specialty field.
14. **Other Approvals:**

IWPA	-	approved 2007 with conditions
Board of Selectman	-	Jan 2015
Board of Finance	-	Feb 2015
RTM	-	Feb 2015

6 -Wheel All-Season Dump Truck

Cost: \$200,000

1. Background- The heart of the Towns Public Works fleet are approximately 20 dump trucks which are in the 38,000 gross vehicle weight (GVW) range. The truck has a built in conveyor system which allows it to be used interchangeable for construction hauling. The Truck is equipped for winter operations (snow & ice) and is a front line truck assigned to one of the Town's 27 plow routes.

2. Purpose and Justification- To replace one of the 6 Wheel All-Season Dump Trucks (#181), a 1990 International S-2500. This vehicle has 167,000 miles, and is no longer reliable. Replacement parts are no longer available, and the vehicle is well beyond its normal serviceable life. If a new truck is approved, the existing truck will be sold at auction, and is not expected to be worth more than \$5,000.

3. Detailed Description of Proposal- The Truck will be purchased through a public bid process. The estimated price of \$224,000 is from the following major components:

Truck Chassis -	\$95,000
Asphalt body, conveyor & chute -	\$95,000
Plow & Pre-wet system -	\$34,000

4. Reliability of Cost Estimate- On a scale of 1 to 10, the reliability of this estimate is a 9

5. Increased Efficiency and Productivity- This will allow us to continue to perform asphalt related construction work. It will also allow us to successfully manage winter snow & ice operations.

6. Additional Long Range Costs- None.

7. Additional Use or Demand- Addressing this issue would not create any additional demand or usage.

8. Alternatives To This Request- The existing truck is not worth rebuilding the engine, as it would exceed the value of the vehicle. If not approved, we would continue to nurse this truck along, but it would have to be put out of service in the very near future. Not replacing this truck would adversely affect the service levels of the department, and the amount of in-house asphalt work we can perform.

9. Safety- If not addressed, the truck will continue to deteriorate and will need to be taken off the road.

10. Environmental Considerations- Newer diesel trucks have elaborate emissions systems which are far superior to the previous generation of trucks.

11. Insurance- This type item is not covered by insurance.

12. Financing- Project bonded as part of non-recurring capital appropriation.

13. Other Considerations- None.

14. Approvals-

Board of Selectmen Jan 2015

Board of Finance Feb 2015

RTM Feb 2015

Independence Hall Energy Upgrades

Cost: \$300,000

1. Background- Independence Hall is thirty-five years old and all energy related equipment has exceeded its useful life. There are minimal energy efficiencies. Controls are outmoded and do not work. There is only one heating or cooling zone per floor. There needs to be a minimum of four per floor. The result is the use of portable electric heaters in some offices, an expensive solution. Lighting was last upgraded in 1995. The boiler needs to be converted to natural gas. The core heating and cooling system must constantly blow air down on the offices, an expensive system which also creates widespread employee discomfort.

2. Purpose and Justification- To modernize lighting and heating and cooling equipment to create large savings in both electric costs and heating costs.

3. Detailed Description of Proposal-

- Perform a photogrammetric study to accurately locate, size and minimize the amount of lighting fixtures required
- Carry out an energy balancing study to enable the proper sizing of heating and cooling equipment.
- Replace all existing lighting with LED, energy efficient fluorescent or induction fixtures, extending the useful life, of the lighting, provide the correct lumens and minimize the amount of electricity used
- Replace the Variable Air Volume (VAV) heating and cooling system with a Variable Volume and Temperature (VVT) system. This system will maintain the static pressure in the ductwork either with a variable frequency drive or bypass damper. The VVT system doesn't maintain a 55 degree discharge it can be in either heat mode or cool mode which ever it needs to maintain the temperature in the space. Because it does not pump air continuously, it saves on electricity. Because it closes, every room becomes a zone
- Add plug power controls that automatically shut of all plugged in equipment at a preset time and turns them on at another preset time
- Clear window film treatment that prevents heat or cooling from being exchanged indoors to outdoors and the reverse

4. Reliability of Cost Estimate- The costs have been estimated by our energy consultants and the Public Works Department. It is based on past experience. On a scale of 1 to 10, the reliability of this estimate is an 8.

5. Increased Efficiency and Productivity- The project is projected to reduce energy use and costs by around 20%--65,000kwh and \$11,375 annually based on current rates.

6. Additional Long Range Costs- None.

7. Additional Use or Demand- Addressing this issue would not create any additional demand or usage.

8. Alternatives To This Request- Do nothing and have the controls and other equipment continue to fail and degrade and energy costs increase because of the increased inefficiencies.

9. Safety- Comfortable temperatures will be a better and healthier work environment

10. Environmental Considerations- The project will help reduce the consumption of depleting natural resources, lower emissions of both greenhouse gasses and criteria pollutants.

11. Insurance- This type item is not covered by insurance.

12. Financing- Project bonded as part of non-recurring capital appropriation.

13. Other Considerations- None.

14. Approvals-

Board of Selectmen Jan 2015

Board of Finance Feb 2015

RTM Feb 2015

Tunxis Hill Butler Building

Cost: \$350,000

1. Background- The Town obtained a former DOT Garage on Tunxis Hill Road over a decade ago. This has served as storage for Public Works seasonal equipment and material, Fire Department Vehicles, a Police Boat, and supplies and equipment from other Town and Education Department.

2. Purpose and Justification- the Building envelope has deteriorated, including the brick pointing, windows sills & frame, overhead doors, and especially the flat roof. The building is very near its life, and the existing condition does not warrant rehabilitation due to the deterioration.

3. Detailed Description of Proposal – The proposal is to demolish the existing building and construct a prefabricated metal building. The building will have electrical service, but will not need to be fully heated. The majority of the building will be cold storage, and the heated spaces will have hanging furnace units similar to warehouse type buildings.

4. Purpose and Justification- The various Town Departments are all on cramped sites and there is a need for this storage space.



5. Detailed Description of Proposal-

Demolition & Site Prep:	\$ 50,000
Prefabricated Building:	\$150,000
Interior Partitions:	\$ 25,000
Electricals & Mechanicals:	\$ 75,000
Environmental:	\$ 10,000
Contingency:	\$ 40,000

6. Reliability of Cost Estimate- On a scale of 1 to 10, the reliability of this estimate is an 8

7. Increased Efficiency and Productivity- Continue to store valuable material inside. New layout will enable vehicles such as the Fire Department Mobil Trailer unit and Gator to be stored indoors, as well as other equipment.

8. Additional Long Range Costs- A new building will be less costly to maintain than the existing one.

9. Additional Use or Demand- None

10. Alternatives To This Request- The Town will need to seek space in other buildings if this is placed out of service.

11. Safety- The existing roof is increasing in danger of failing. This will eliminate that concern.

12. Environmental Considerations- As this was a former DOT garage, there may be issues in the ground at this location. For that reason, we are leaving the existing slab and will not disturb the ground on the site. There were several fuel tanks in the area of the existing driveway apron that were removed several years ago.

11. Insurance- This will not be funded by insurance.

12. Financing- Project will be bonded as part of a Non-Recurring Capital appropriation.

13. Other Considerations - There will be a demolition cost at some time. When this building is remove or replaced, it should be on a planned basis. If the building is allowed to fail on its own schedule, there is less opportunity to make informed decisions nor the time to obtain favorable prices.

<u>14. Approvals-</u>	Board of Selectmen	Jan 2015
	Board of Finance	Feb 2015
	RTM	Feb 2015

488-512 TUNXIS HILL ROAD

Location 488-512 TUNXIS HILL ROAD **Assessment** \$447,020
Mblu 42/ 243/ / / **Appraisal** \$638,600
Acct# 17190 **PID** 3057
Owner FAIRFIELD TOWN OF **Building Count** 1

Current Value

Appraisal	
Valuation Year	Total
2013	\$638,600
Assessment	
Valuation Year	Total
2013	\$447,020

Owner of Record

Owner FAIRFIELD TOWN OF **Sale Price** \$0
Co-Owner **Book & Page** 2391/ 212
Address 725 OLD POST ROAD **Sale Date** 12/07/2001
 FAIRFIELD, CT 06824-6689

Ownership History

Ownership History			
Owner	Sale Price	Book & Page	Sale Date
CONNECTICUT STATE OF	\$0	208/ 104	

Building Information**Building 1 : Section 1**

Year Built: 1920
Living Area: 9787

Building Photo

Building Attributes	
Field	Description
STYLE	Service Shop
MODEL	Ind/Comm
Stories:	1
Occupancy	1
Exterior Wall 1	Concr/Cinder
Exterior Wall 2	
Roof Structure	Shed
Roof Cover	Rubber

<http://gis.vgsi.com/fairfieldct/Parcel.aspx?Pid=3057>

1/15/2015

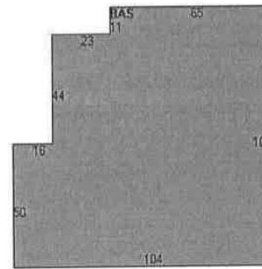
Vision Government Solutions

Page 2 of 3

Interior Wall 1	Minim/Masonry
Interior Wall 2	
Interior Floor 1	Concr-Finished
Interior Floor 2	
Heating Fuel	Oil
Heating Type	Forced Air-Duc
AC Type	None
Bldg Use	MUN TOWN MDL-96
Total Rooms	
Total Bedrms	00
Total Baths	0
1st Floor Use:	903L
Heat/AC	None
Frame Type	Masonry
Baths/Plumbing	Average



(<http://images.vgsi.com/photos/FairfieldCTPhotos//\00\00\42\81.jpg>)

Building Layout

Building Sub-Areas			
Code	Description	Gross Area	Living Area
BAS	First Floor	9787	9787
		9787	9787

Extra Features

Extra Features
No Data for Extra Features

Land**Land Use**

Use Code 903L
Description MUN TOWN MDL-96
Zone NDD
Alt Land Appr No
Category

Land Line Valuation

Size (Acres) 0.29
Depth 0

Outbuildings

Outbuildings	Legend
--------------	--------

<http://gis.vgsi.com/fairfieldct/Parcel.aspx?Pid=3057>

1/15/2015

Commerce Drive Bridge Design

Cost: \$200,000

1. **Background** – Commerce Drive/State St. is an east/west arterial/collector road which serves as a local route and an alternate route for I-95 from the Grasmere/Metro Center neighborhoods into the City of Bridgeport. The bridge crossing over the Ash Creek which was constructed in 1929. The bridge # 04225 is approximately 52' in width, has a 40 ft. roadway width and includes a pedestrian sidewalk. The bridge is a total of 47' in length, supported by concrete abutments on both ends. The bridge abutments rest on timber piles with a reinforced concrete deck. The bridge has been rated by the Connecticut DOT as being in poor condition since 2009 and during the most recent inspection in 2013, the reinforced concrete deck and bearing devices received "serious" ratings. In addition to extensive corrosion on the beams which have reduced its strength, the bridge has also been rated as scour critical, which means that the river currents can possibly threaten the concrete foundation which supports the bridge.
2. **Purpose and Justification** – The purpose of the project is to design the replacement of a poorly rated bridge. A new structure will allow the Town of Fairfield and City of Bridgeport to perform the design needed for the planned replacement of this structure. It will allow commuter, commercial and general public traffic to access businesses, highways, and local roads in this section of Town and into the City of Bridgeport. By performing the design at this time, it will allow us to obtain a realistic estimate of the construction costs, and to compete for State funding for this project, shared with Bridgeport.
3. **Detailed Description of Proposal** – The project will include all engineering and environmental evaluations necessary. A Request for Qualifications and Proposals will be used to procure these services.
The design services will include:
 - Preparation of detailed plans, cost estimates and specifications, including 3 structure type studies.
 - Coordination with local and state permitting agencies.
 - Adhering to DOT procedures to preserve funding opportunities.
4. **Reliability of Cost Estimate** – Based on recent bridge projects, on a scale of 0 to 10 the reliability of the estimate is 8.0 based on the probability of the bridge remaining open during construction and limited detour options.
5. **Increased Efficiency or Productivity** – Allow the public and commerce safe and efficient access to and from their homes, businesses and destination points.

- 6. Additional Long Range Costs** – The subsequent construction of the bridge (anticipated 2016-17) will be in the \$1.8 M to \$2.8M range. We will apply for all State and Federal funding, and are hopeful to have these sources pay at least 50% of the design and construction costs of the project. Note- This Bridge is NOT eligible for Federal funding under the Federal bridge program but other transportation programs will be investigated, although rare for this type of bridge project. The costs will be shared equally with the City of Bridgeport as well. The bridge will have a 50-80 year life span before it will need to be rehabilitated or replaced.
- 7. Additional Use or Demand on Existing Facilities** – None Anticipated; although additional usage is dependent on turnpike backups.
- 8. Alternatives to this Request** – The Bridge does not meet current bridge standards. If we do nothing, the bridge will eventually have the weight limit reduced that would impact local businesses and could lead to eventual limitations or closure. During design, the Consultant will have to perform three structure type studies. Paraphrasing the inspection report, “Failure to repair or replace bridge may result in State charging Municipalities for extra inspections, now that this bridge is on an annual inspection cycle”.
- 9. Safety and Loss Control** –Further deterioration of bridge will first limit weights and then could lead to further limitations and then eventual closure. Guiderail/wall approaches will be updated or added as safety features.
- 10. Environmental Considerations** – All environmental permits will be secured. Reviews by USACE, CT DEEP, Fairfield and Bridgeport Inland Wetlands will be performed. Hydrology, hydraulics, and environmental mitigation will be studied.
- 11. Insurance** – The selected consultant will be required to carry the necessary insurance prescribed by the Purchasing Department.
- 12. Financing** – Project will be bonded as part of the Non-Recurring Capital budget of 2016. The Town will apply for all State and Federal funding (if eligible) for this design, and are hopeful to have the sources pay 50% of the project, with the City of Bridgeport and the Town of Fairfield equally sharing the remaining costs.
- 13. Other Considerations:** Will seek future funding for construction when final cost estimates are performed.

Other Approvals:

Board of Selectman	-	Jan 2015
Board of Finance	-	Feb 2015
RTM	-	Feb 2015

**CONNECTICUT
DEPARTMENT OF TRANSPORTATION**

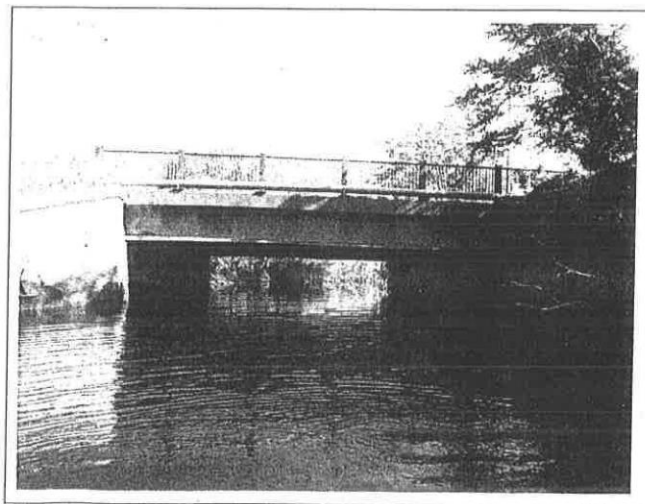


JUL 30 2013

**STATE PROJECT NO. 170-3013
BRIDGE SAFETY INSPECTION**

**BRIDGE NO. 04225
STATE STREET EXTENSION
OVER
ASH CREEK
BRIDGEPORT, CONNECTICUT**

**ROUTINE INSPECTION
JULY 17, 2013**



Prepared By:

Baker

Michael Baker Jr., Inc.
500 Enterprise Drive, Suite 2B
Rocky Hill, CT 06067

City of Bridgeport
Structure Summary Report
August 13, 2013
Page 2 of 4

3. Bridge No. 04225, State Street Extension over Ash Creek
Type: Single Span Multiple Steel Girder with Concrete Deck
Condition: Poor

Comments: The reinforced concrete deck is in serious {poor} condition. The reinforced concrete deck riding surface exhibits numerous hollow areas, isolated areas of large and small surface spalls, and transverse and longitudinal hairline cracks. Numerous areas have been temporarily patched with bituminous concrete. The reinforced concrete deck underside exhibits areas of map hairline cracks and transverse hairline cracks with efflorescence.

The bearing devices are in serious {severe} condition. The bearing devices exhibit moderate to heavy laminar rust between the sole and masonry plates. A gap between these plates is up to approximately 1/2 inch due to the impacted rust. The anchor bolts for the expansion bearings are broken and sheared off; this condition is for all the bearings located on the west abutment.

The substructure is in poor condition. The reinforced concrete abutments exhibit hollow areas, potential spalls, large and small surface spalls with exposed rebar and isolated vertical hairline cracks. The west abutment footing is exposed up to 12 inches high for the full length.

The west abutment exhibits diagonal cracks, a large surface spall (8 feet long x 1 foot wide x 2 inches deep) and adjacent hollow area (4.5 feet x 3 feet) located under Girder 7. The diagonal crack has a measured offset of 1/2 inch located along the entire length of the crack which extends up the abutment face and across the abutment seat. These conditions affect the bearing capacity of Girder No. 7 and this location should be repaired or additional support placed.

The sidewalks exhibit areas of severe settlement up to 3 inches for the full width of the sidewalk; this condition to the sidewalk poses a safety hazard to pedestrian traffic and should be addressed soon.

Bridge No. 04225, State Street Extension over Ash Creek, is on the city line between Bridgeport and Fairfield. A copy of this letter and inspection report for this structure will be forwarded to the Town of Fairfield for their use and information.

4. Bridge No. 04226, Arctic Street over Pembroke Lakes
Type: Simple Span Reinforced Concrete Arch
Condition: Poor

Comments: The reinforced concrete arch is in poor condition. The arch intrados exhibits several random longitudinal and transverse cracks; some open up to 1/16 inch. There are numerous areas of small and large surface spalls with exposed rebar. These spalls are up to approximately 10 feet by 1 foot by 1 1/2 inches deep. The exposed rebar has heavy laminar rust with section loss up to 1/3 of the original rebar diameter. There are several random hollow areas up to 5 feet by 1 foot.

The wingwalls are in poor condition. The reinforced concrete spandrel walls and wingwalls exhibit areas of light to medium scale, hairline cracks with efflorescence and small to large surface spalls with exposed rebar. The northwest, northeast and southeast wingwalls all exhibit full height vertical cracks that are open up to 2 1/2 inches at the top and are laterally misaligned up to 1 3/4 inches.

The bituminous concrete sidewalks exhibit numerous areas of severe settlement up to 12 inches for the full width of the sidewalk. The chain link fence is in serious condition with random areas of chain link fence pushed outward, leaning and/or broken posts, and moderate to heavy rust throughout. These conditions to the sidewalk and chain link fence pose a safety hazard to pedestrian traffic and should be addressed soon.

Please refer to the Scour Critical note following the list of bridges.

Burr Mansion Safety and ADA Accessibility Upgrades - \$150,000

- 1. Background**- Rebuilt in 1792 after being burned by the British during the American Revolution, Burr Mansion is one of Fairfield's most recognizable historic properties. Since 1975, this unique property has been used as a community event facility, hosting regular fund raisers for dozens of regional social service agencies, as well as innumerable wedding and community events. Tens of thousands of Fairfielders have used and enjoyed Burr Mansion over many generations. However its facilities today are outdated and in dire need of upgrading to meet current building codes and public safety requirements. Specifically, the kitchen's ventilation and fire suppression is inadequate, causing frequent fire alarms; its electrical systems are dangerously insufficient for current load demands, the bathroom facilities frequently break down and do not meet ADA accessibility requirements, and lead and flaking paint pose a public health hazard. Over the past three years, DPW staff has had to respond to frequent emergencies at Burr Mansion to address broken plumbing, electrical failures, fire alarms and other break downs at the facility.

- 2. Purpose and Justification**- The breakdowns in electrical, plumbing and other systems at Burr Mansion put at risk the health and safety of Town residents and area school children who regularly use the facility. The kitchen stove requires a new ventilation hood and fire suppression system, electrical service to the kitchen and other critical areas needs to be brought up to code to reduce the risk of fire, the bathrooms need to be renovated to repair broken and deteriorating plumbing and made more handicapped accessible, and lead paint must be removed from public areas.

- 3. Detailed Description of Proposal**- Repairs and improvements to Burr Mansion facilities will cover four critical areas:
 - 1) Kitchen renovations, including replacing the commercial stove ventilation hood, installing a fire suppression system, replacing the broken dishwasher and refrigerator, repairing or replacing damaged cabinets and work surfaces, and upgrading electrical systems.
 - 2) Bathroom renovations, including replacing broken and deteriorated plumbing and fixtures, adding updated handicapped access fixtures, improving lighting and replacing broken tile flooring in three bathrooms.
 - 3) Upgrading electrical wiring and outlets throughout the house.
 - 4) Environmental abatement to remove areas of interior lead paint, repairing and repainting areas of damaged and flaking paint.

Cost Estimate:	Lead Abatement and Painting:	\$ 15,000
	Kitchen renovations	\$ 40,000
	Bathroom renovations (3)	\$ 50,000
	Electrical upgrades	\$ 20,000
	Contingency (20% of construction)	\$ 25,000

4. Reliability of Cost Estimate- On a scale of 1 to 10, the reliability of this estimate is an 8.0. An architect has drafted plans and detailed scope of work, and detailed cost estimates have been obtained.

5. Increased Efficiency and Productivity- Completion of this work will significantly reduce the number of emergency calls Town DPW staff receive to respond to breakdowns in plumbing, ventilation and electrical systems at Burr Mansion--many occurring during high-volume events and requiring several days of unbudgeted emergency repairs. A recent plumbing breakdown in December, 2013 in the middle of Christmas Tree festival dumped raw sewage into the Burr's basement, shut down all plumbing in the property, and required 3 days of emergency repairs.

6. Additional Long Range Costs- No additional long range costs associated with this work will be required.

7. Additional Use or Demand- Addressing these issues will not create any additional demand or usage.

8. Alternatives To This Request- The repairs outlined above are necessary to meet the minimum needs for public safety and accessibility. Not repairing these systems will require additional remedial and emergency repairs by DPW in the short term. Left unresolved, these issues pose a risk to public safety that will eventually require Burr Mansion to be closed.

9. Safety- If not addressed, Burr mansion will need to be closed to the public.

10. Environmental Considerations- Some walls and areas of wood trim have lead paint that will need to be remediated and repainted.

11. Insurance- These repairs are not covered by insurance.

12. Financing- Project bonded as part of a non-recurring capital appropriation.

13. Other Considerations- None.

<u>14. Approvals-</u>	Board of Selectman	-	Jan 2015
	Board of Finance	-	Feb 2015
	RTM	-	Feb 2015



Photo 1: Broken dishwasher, refrigerator and damaged cabinets.

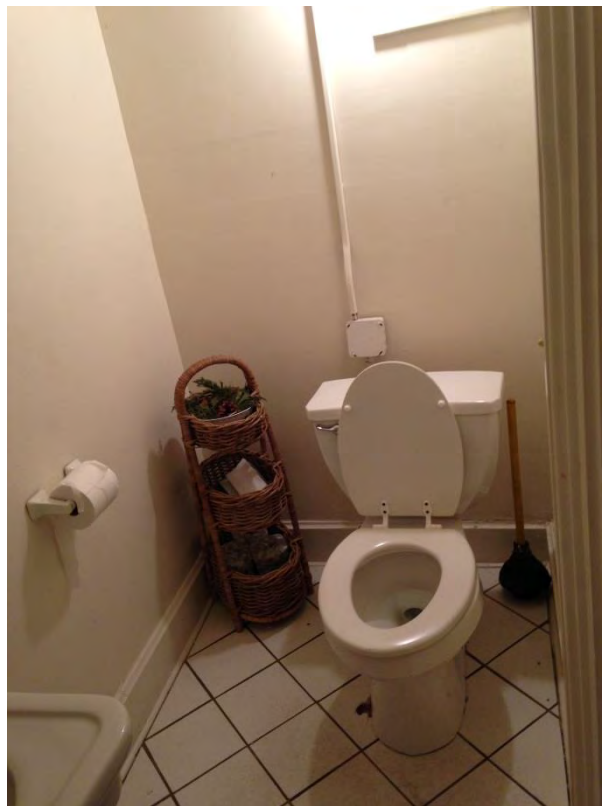


Photo 2: Broken toilet fixtures and cracked flooring in one of the facility's 3 bathrooms. Note the absence of handicapped access fixtures.

H. SMITH RICHARDSON

BUNKERS & TEE RENOVATION

NON-RECURRING CAPITAL REQUEST



Town of Fairfield Golf Commission
Submitted January 6, 2015

1. Background:

In 2010 the Golf Commission presented a 10 year master improvement and financial plan for H. Smith Richardson Golf Course, to the First Selectman and the Board of Finance. This plan was accepted and implementation beginning in FY 2011. The plan calls for a \$1.0MM reinvestment in the golf course infrastructure. The plan spreads the necessary projects over a ten year period, prioritizing improvements and targeting an expenditure level of roughly \$100K each year. This request is for \$100,000 in order to continue that plan and the improvements to the course.

2. Purpose & Justification:

In the upcoming year, we will be renovating nine bunkers on holes 2, 5, 6, 7, 10, & 17 many of the golf course bunkers are in very poor condition and are in need of renovation. The majority of the bunkers do not drain properly, hold storm water for days, are lacking sufficient sand, and are misshapen from years of wear and tear. We will also be re-grading and expanding two tees on holes 13, & 14.

3. Detailed Description of Proposal

Nine bunkers will be rebuilt and reshaped. As well as two tees. This includes:

- removal of existing sand, reshaping and carving out of edges and base
- reshaping and compacting the bunker
- adding, compacting or replacing sand
- compacting or replacing soil and or sod
- installing four inch drainage pipe and 3/8" stone
- stripping sod, adding soil, regrade, level tees, & resod

The cost breakdown is as follows:

Bunkers

15,000sq ft x \$2.55 =	\$38,250.00 Labor
1,500 ft x \$13.75 =	20,625.00 Labor to install drainage
1500 ft of pipe x\$2.60/ft =	3,900.00
380 tons of bunker sand x \$48.50 =	18,430.00
100 tons topsoil x 20 =	2,000.00
5000sq ft of tee x 2.55	12,750.00 Labor
7000sq ft of sod x .28	1,960.00
Contingency	2,085.00

Total Project Cost	\$100,000.00
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4. Reliability of Estimated Cost

The cost estimate is made up of known prices for materials and labor and machine based on current bid.

5. Increase Efficiency or Productivity

These terms don't directly apply to this type of project but there are advantages.

With these improvements it is expected that additional revenue would be generated as more rounds are to be expected as the golfing community realizes the improved

conditions. We have seen an increase in revenue with the drainage improvements that were made the past two years, yielding an increase in cart revenue.

6. Additional Long Range Costs

There will be none except for the regular daily maintenance during the golf season, as the improvements being made will last 20 years.

7. Additional Use or Demand on Existing Facilities

We do expect additional use with these improvements however we do not anticipate additional burdens on the existing facilities as a result.

8. Alternatives to this request

The alternative discussed was to try to do the work with our present work force; however we do not have the manpower or the expertise to handle these large projects and still maintain the daily maintenance of the golf course. Should these improvements not be made we will see a reduction in revenue as golfers will play at courses with better conditions.

9. Safety & loss Control

The proposed renovations will make the playing of golf a safer environment. With the existing conditions of the bunkers there is a very good possibility of the golfer being injured by hitting rocks due to the wash out conditions.

10. Environmental Considerations

The Conservation Commission has approved all the drainage aspects associated with the renovations of the bunkers.

11. Insurance

Contractor will be required to carry insurance coverage.

12. Financing

Bonded

13. Other Considerations

None

14. Other Approvals

Board of Selectman

Board of Finance

RTM

G:\RECREATION\Dept_share\Gerry\Golf\Drainage Projects\14 points for bunkers and tees FY2015-16.doc

















Fairfield Fire Department

140 Reef Road
Fairfield, CT 06824-5997

Administrative Office

*Office (203) 254-4713
Office (203) 254-4720
Fax (203) 254-4724*

Pumper-\$600,000

1. Background-

The department is requesting the replacement of a 1995 Saulsbury pumper type fire truck. A pumper type fire truck carries water, hose and personnel to the scene of a fire and is the workhorse of the fire service. At any one time, there are a minimum of five (5) pumper trucks in service in the Town of Fairfield positioned strategically in each of the department's five (5) fire stations. Based on the manpower distribution and the standard tactical capabilities/limitations, a typical building fire requires the predetermined response of 4 pumper trucks along with 2 ladder trucks and a shift commander to ensure adequate personnel and equipment are on scene to protect the public and conduct safe operations.

Fire apparatus are specialized vehicles that are designed and constructed for specific firefighting functions. All fire apparatus must meet rigid national safety standards and are not purchased as a prebuilt item due to the many local variables including climate, hose threads, and local department needs. The reliability of fire apparatus and the installed equipment directly impacts the fire department's ability to accomplish its mission of saving lives and property.

The need for replacement of this vehicle and the entire fire apparatus replacement program was presented to the BOS, BOF and RTM committees during the 2014/15 budget cycle. As noted in the department's apparatus replacement program, the replacement of this apparatus is now 6 years overdue. As the department was looking to replace a second more expensive apparatus (Ladder 1) similarly aged fire apparatus in the same year, this request was deferred to the following budget year and waterfall projections updated.

2. Purpose and Justification-

The current 20 year old vehicle is assigned to the Southport fire station, has 117,446 miles, over 12,348 engine operating hours and more than 900 hours of pump operation. Differing from standard vehicles, fire apparatus often operate at emergency scenes for many hours on end under less than ideal conditions. Truck manufacturers have developed a calculation based on 1 hour = 50 road miles to account for this type of wear and tear. Based on this formula, Engine 4's engine hours are the equivalent of 617,400 road miles and takes into account that, unlike over the road trucks, fire apparatus spend the vast amount of operating time making relatively short responses with most time in stationary or pump operation. In 2014, the truck was out of service for more than 369 repair hours due to mechanical breakdowns and preventative maintenance. These hours do not include the time that the apparatus was out of service while waiting for parts or repairs to be completed. The apparatus has been involved in a number of minor accidents and has had numerous parts and cosmetic repairs throughout the course of its service life.

Being 20 years old, the current Engine 4 is many revisions out of compliance with NFPA apparatus standards, which include critical safety features such as anti-lock brakes and passenger compartment airbags. Fire apparatus are custom

designed vehicles based on very specific criteria. As such, the manufacturing process takes up to 1 year from the time the bid is awarded. This delay requires planning and adherence to the replacement schedule to avoid apparatus shortages.

Engine 4 has remained in front line service past its projected life span in part due to the size limitations of the 115 year old Southport Fire Station. Size limitations prevent standard Fairfield Fire apparatus from properly fitting into the Southport station. Due to these restrictions, a standard replacement pumper will not fit in the building. The department only has 1 other spare pumper that is also 20 years old that will fit inside the station. The department had hoped to have the station bay modified by this time to accommodate modern fire apparatus and continues to pursue opportunities to do this. As such, the standard Fairfield pumper design will need to be modified to ensure the replacement pumper will fit into the station.

3. Detailed Description of Proposal-

The need for apparatus replacement is well documented in the current department apparatus replacement program which was distributed to all members last budget cycle and is available upon requested. Based on the replacement schedule, the department's apparatus design committee has begun developing basic specifications for a replacement pumper to meet the long term needs of the organization.

This proposal is to modify the standard Fairfield pumper design and purchase a replacement Class A, 1,250 GPM fire pumper to be assigned to the Southport fire station to buy time until the station can be properly modified to accommodate standard apparatus. This modification will require a change in safe tactical operations when using this pumper on highway responses and while not desired, is now needed due to the dilapidated and unreliable conditions of the current pumper.

Cost Estimate, including design, construction and ancillary equipment: \$600,000

4. Reliability of Cost Estimate-

On a scale of 1 to 10, the reliability of this estimate is a 9.0.

5. Increased Efficiency and Productivity-

Our proposed pumper will be in compliance with current EPA requirements for pollution and fuel efficiency. The truck will be designed so as not to require additional staffing beyond the 3 members currently assigned and will accommodate up to four in the event of significant storm or natural disaster.

The company that manufactured the current engine 4 is out of business and replacement parts are no longer available for many components. As a result, apparatus down time and repair hours are higher than that of a new apparatus. Additionally, the apparatus will be specified with a 5 year bumper to bumper warrantee to reduce potential costs of major component failures and freeing up maintenance personnel. We are hopeful that through the purchasing process the successful bidder building the pumper will remain in business and local replacement parts will remain readily available without delay.

6. Additional Long Range Costs-

There will initially be some reduction in maintenance costs, as this will be a new piece of equipment. Sticking to the apparatus replacement program allows for a more balanced and predictable bonding cycle due to the minimization of multiple apparatus purchases in a single budget.

Due to limitations in the size of the truck bay at the Southport fire station, the department will need to maintain a spare apparatus that will fit in the station during preventative maintenance and breakdown. The best of the 2 - 20 year old pumper apparatus will need to be repaired and maintained as a spare pumper until bay size is no longer an issue. Other costs include the possible costs of building modification to accommodate standard apparatus.

7. Additional Use or Demand- N/A**8. Alternatives to This Request-**

We utilize Class A, 1,250 GPM pumpers as the standard for the fleet. There is no alternative equipment to fill this request.

9. Safety-

As Stated under justification, the current Engine 4 is out of compliance with NFPA standards for fire apparatus. Requirements for new apparatus include Anti-lock brakes, passenger air bags, improved seat belt systems, additional safety marking and several structural changes to the design and construction of this equipment.

10. Environmental Considerations-

New diesel engines must comply with significantly more stringent rules governing exhaust emissions than the current in service pumper. These engines burn cleaner and hotter through the use a diesel exhaust fluid and high temp run cycles to incinerate toxins more effectively. The reduction of black diesel fumes near and the around the truck is the most significant observable improvement,

11. Insurance- N/A**12. Financing-**

Project bonded as part of non-recurring capital budget for 2016

13. Other Considerations-

Fire station modification (privately owned/leased) will still need to be performed to fit standard apparatus within the next 4 years before the planned retirement of the only 20 year apparatus that still fits in the building. Failure to correct this situation will eventually lead to

14. Approvals-

Board of Selectmen, Board of Finance, RTM

Town of Fairfield
Cluster Disks Replacement
Non-Recurring Capital Request



EMC NAS disk storage system

Information Technology Department

September 2014

Background

We installed in 2010 a VMware Cluster in the Police Department ECC area and in the Town's computer room. For the first year the clusters were setup to backup each other. The following year we installed a cluster in the Fairfield Woods Library with extra space as a backup and disaster recovery site. The ECC and Town cluster were pointed to the new Library Cluster for backups

Purpose & Justification

The purpose is to replace these critical clusters NAs disk systems that have now reached their EOL and to acquire more space as data demands have increased over the last couple of years.

Detailed Description of Proposal

#	Item	FY	Amount
1	Replace ECC Cluster	15	105,000
2	Replace The Woods Library Cluster	16	105,000
3	Replace the Town computer room cluster	17	105,000

Grand Total for the three year project

\$315,000

Reliability of Estimated Costs

All costs are reasonable estimates but will be quoted at the time of the purchases.

Increased Efficiency or Productivity

Yes – Faster Processors and more Disk space for storage of data

Additional Long Range Costs

Four years later when the new equipment reaches EOL we will need to do it again.

Additional Use or Demand on Existing Facilities

Yes- we need more storage space.

Alternatives to this Request

Keep paying for maintenance and wait for a major failure which we can't recover from.

Safety & Loss Control

The equipment would be located in secure areas and monitored with controlling software.

Environmental Considerations

Standard computer room environment needed.

Insurance

N/A

Financing

Bonded

Other Considerations

None

Approvals

Board of Selectman

Board of Finance

RTM

Fairfield Board of Education Proposed Capital Non-Recurring Projects 2015-2016



Dwight Roof



Jennings Boiler



FLHS Turf Field

December 10, 2014

Dear Board of Education Members:

This booklet provides an overview and backup material for all of our proposed 2015-2016 Capital Non-Recurring Projects. The format is based on the “14 points” document used in Fairfield and from many previous public meetings where this information has often been requested.

Two of these projects, the Dwight Elementary roof replacement and the Jennings Elementary boilers, have long been part of the facilities planning updates we have provided to the Board and the Town over the past three years. The third, the Fairfield Ludlowe High artificial turf field, has had very heavy sports activity over the past ten years and professional tests have identified that it is time to replace this field. The fourth project is for the upgrading of our security infrastructure in all schools in alignment with the Fairfield Police Department’s study of our buildings.

Each project request includes:

1. Justification and background information.
2. A cost estimate that brings together information from previous projects, verbal quotations, and/or written proposals.
3. Photographs of projects in existing conditions and, in most cases, photographs showing new conditions from previous projects to provide a side-by-side comparison.

We hope you find this information helpful and we are confident it will answer many of your questions as we begin the budget discussions. Thank you for your continued support.

Sincerely,

A handwritten signature in black ink, appearing to read "David G. Title". The signature is fluid and cursive, with the first name "David" being more prominent.

David G. Title

**Fairfield Public Schools
2015-2016
Capital Non-Recurring Projects**

<u>Location</u>	<u>Project</u>	<u>Estimated Cost</u>	<u>Page</u>
Dwight Elementary	Partial roof replacement	\$ 1,232,342	1
Jennings Elementary	Replace two 1966 boilers	382,000	13
Fairfield Ludlowe High	Replace artificial turf field	650,000	19
Systemwide	Security infrastructure	3,222,428	31
Total		\$ 5,486,770	

Dwight Elementary School**Roof Replacement (except Shingled Roof) \$ 1,232,342**

Background: Four roof areas are at the end of their useful lives and in need of replacement. The roofs are original to the 1991 installation and are out of warranty as of 2011. This request is for funding the replacement of these roofs.

Purpose & Justification: The condition of these roof areas is declining and leaks are increasing in frequency and severity. Replacement of these roofs now will prevent the need to replace them as an emergency thus preventing disruption to the school's learning environment.

Detailed Description: The expenditure would cover the total cost and removal of the 10 roof areas down to the existing roof deck and installation of a new roofing system. These funds would also cover design, bidding and construction administration costs as well as a contingency for unforeseen conditions that might be uncovered during the construction activities.

Estimated Cost: The cost of this funding request is \$1,232,342. This number is based on similar replacement projects undertaken in the system and a probable construction cost estimate provided by Hoffmann Architects.

Long Range Costs: Roof replacements will reduce maintenance costs on the old roofs as well as produce energy savings through the use of a better insulated roof system. This roof replacement is part of the Fairfield Public Schools Facilities Plan 2013-2023 and the anticipated life of this upgrade is 20+ years.

Demand on Existing Facilities: This project would reduce the maintenance costs for roof repairs and increase energy efficiency in the building.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of a roof failure while school is in session.

Environmental Considerations: This project would greatly reduce greenhouse gases by increasing the energy efficiency of the building thus reducing energy consumption. This roof would qualify for a solar panel installation similar to FWHS and FLHS.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is eligible for reimbursement through the State Department of Education, Bureau of School Facilities. The 2014-2015 reimbursement for Fairfield is 26.07%. We estimate that we will receive approximately \$320,000 for this project.

Schedule, Phasing & Timing: The schedule is to have work done this summer (2015).

Other Considerations: The work will be bid out by the Town Purchasing Department and will be performed by outside contractors. This does require the formation of a Building Committee to qualify for state reimbursement.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay this needed replacement and further delay other similar projects scheduled in the BOE future planning. A recent study of our elementary roofs that resulted in extending the life of four school roofs found that the Dwight roof condition is so poor that it did not qualify for this program.

Dwight Elementary School

Partial Roof Replacement

\$ 1,232,342

Details

Licensed contractor to provide labor and materials

Prepared by: Tecta America

Breakdown:

Set-up safety for our associates to perform their scope of work, and to protect the occupants of the property.

Remove the existing roofing system down to the existing metal deck.

Confirm and/or secure the existing metal deck per Factory Mutual guidelines 1-28 specifications.

Install new pressure treated wood blocking to the height of the new perimeter edges.

Install new Polyisocyanurate insulation including 1/4" per foot tapered system with an average R-25 value to be in compliance with 2014 ASHRAE guidelines.

Install new two ply SBS Modified Bitumen roofing membrane system in cold applied adhesive with a granulated cap sheet. (Roofing system meets the current code for uplift pressures - FM 1-90 approved system.)

Install all flashings per manufacturer's specification.

Remove and replace existing drain bowl assemblies.

Install new extruded metal edges with Kynar coated color cover plate that has been pre tested and approved per ANSI -SPRI ES-1 specifications. (Color will be selected by owner from standard color selections.)

Install new expansion joints to replace existing.

Fabricate and install new counter flashings as needed for proper termination.

Clean up and dispose of all debris from the above scope of work.

Provide owner with a 20-year No Dollar Limit (NDL) warranty that includes the cost of both labor and material to repair any leaks or material failures during the warranty period.

\$ 1,178,402

Breakdown:

Hoffmann Architects will provide the following professional services related to the scope of work described in this proposal:

Review original Contract Documents and previous reports as such documents relate to conditions described in the Scope of Work and are supplied to Hoffmann Architects by the Town of Fairfield Public Schools.

Visit the site to verify existing conditions and construction details. Coordinate with a Contractor retained by The Town of Fairfield Public Schools to perform exploratory openings so as to examine concealed conditions.

Based upon the results of Hoffmann Architects' field verification activities and the established scope of work, provide a proposed roof replacement system and scope of work for review and approval by the Fairfield Public Schools and Building Committee.

Meet with the Office of School Facilities for a pre-review evaluation meeting to review requirements for submission of the project.

Based on the agreed upon scope of work, prepare Contract Documents consisting of drawings and specifications, setting forth in detail the requirements for construction of the project.

Meet with the Office of School Facilities to review the 100% Contract Documents (Plan Completion Test) for comments and approval.

Respond to Office of School Facilities comments as required.

Assist in the preparation of the necessary bidding information, bidding forms, conditions of the Contract and Form of Agreement between Owner and Contractor.

Assist the Town of Fairfield Public Schools in obtaining bids.

Prepare an agenda for a pre-bid conference at the site.

Conduct a pre-bid conference at the site.

Prepare minutes from the pre-bid conference.

Respond to contractor questions and prepare addenda, as necessary.

Assist the Town of Fairfield Public Schools in evaluating bids and in awarding construction contract.

Conduct a meeting with a representative from the Fairfield Public Schools, Building Committee, and the Contractor prior to the commencement of the work, to review the Contractor's proposal for compliance with the requirements of the Contract Documents.

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Review and take appropriate action on Contractor's submittals such as shop drawings, product data and samples, to establish their conformance with the design concept expressed in the Contract Documents; forward to the Town of Fairfield Public Schools, for review and record, written warranties and related documents required by the Contract Documents and assembled by the Contractor.

Visit the site four (4) times during construction to become familiar with the progress and quality of work and to determine if the work being performed is in general compliance with the Contract Documents.

Conduct meetings in conjunction with site visits to assess the progress of the work. Prepare field observation reports following site visits to document progress and quality of the Contractor's work.

Authorize minor changes in the work if they are necessary and do not involve adjustment to the contract sum or extension of the contract time.

Review and certify amounts due the Contractor.

Visit the site to develop a punch list and again to conduct a final inspection with the manufacturer's representative.

Determine the date of final completion.

Certify Contractor's requisition for Final Payment based upon the final inspection indicating the work is in general compliance with the requirements of the Contract Documents.

\$53,940.00

Total	\$ 1,232,342
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Old 1991 roof system showing failures





Old roof membrane failures and patches around skylight





More roof patches and ponding of water failures





Roof pitch pocket failures





New 2013 roof system at Fairfield Warde High School





New 2013 roof system at Fairfield Warde High School



Jennings Elementary School**Boiler Replacement****\$ 382,000**

Background: The boilers are originals from 1966 and are at the end of their useful lives. This request is for funding the replacement of the two existing boilers with the installation of two new high-efficiency condensing gas boilers and one cast-iron boiler with dual fuel capabilities.

Purpose & Justification: The condition of the existing boilers is poor and new boilers would provide a much higher efficiency rating for the school and prevent emergency boiler failure.

Detailed Description: The expenditure would cover the total costs for demolition and removal of old boilers, asbestos abatement, new burners, associated piping and peripheral components and purchase and installation of two new boilers.

Estimated Cost: The cost of this funding request is \$382,000. This number is based on similar boiler replacement projects undertaken in the system and estimates provided by contractors. This includes abatement and air sampling consultant/monitoring.

Long Range Costs: Boiler replacements will reduce maintenance costs on the old as well as produce energy savings through the use of higher efficiency units. We anticipate the life of this upgrade is 30+ years. Energy consumption based on prior installations indicates a 20-30% decrease after replacement. At today's fuel prices, this equates to an annual savings of \$ 5,400-8,100.

Demand on Existing Facilities: This project would reduce the maintenance costs of older boiler repairs and increase energy efficiency in the building.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of boiler failure during a peak cold weather period.

Environmental Considerations: This project would greatly reduce the hazardous materials (asbestos) in the boiler room area. Clean burning boilers would improve emissions from the boilers into the air.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is not eligible for reimbursement through the State Department of Education, Bureau of School Facilities.

Schedule, Phasing & Timing: Approval of this funding will allow completion of the work before the next heating season.

Other Considerations: The work will be bid out by the Town Purchasing Department and will be performed by outside contractors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay this needed replacement and further delay other similar projects scheduled in the BOE future planning.

Jennings Elementary School

Boiler Replacement

\$ 382,000.00

Details

Licensed contractor to provide labor and materials

Prepared by: Connecticut Combustion, Inc.

Breakdown:

Disconnect existing piping, electrical and flue.
 Asbestos abatement of mechanical room.
 Mechanical demolition to remove existing boiler, pumps, and tanks.
 Mount boilers on new concrete pads.
 Furnish and install two (2) new Camus condensing boilers with gas fired burner.
 Furnish and install one (1) new Buderus non-condensing boilers with dual fuel burner.
 Furnish and install two (2) 12" Metal-Fab PIC boiler flues. New flues to go through roof.
 Install two (2) expansion tanks and one (1) air separator.
 Furnish and install two (2) primary pumps and connect to existing piping.
 Furnish and install VFD's on primary pumps.
 Furnish and install new oil booster pumps and connect to existing oil piping.
 Furnish and install one (1) A.O. Smith hot water heater with auxiliary water storage tank and connect to existing piping.
 Gas piping to new boiler units. Includes new regulators.
 Hot water piping from new boilers and connect to existing 6" header/Mains. All piping 3" and larger to be welded steel.
 Piping insulation on new, existing, and abated pipe.
 Controls and control wiring; based on Johnson Controls.
 Electrical as required, based on tying into existing boiler and pump feeds.
 Roofing work for two new boiler flues through roof.
 Provide core boring through concrete roof for flue.
 Structural steel as required for roof penetrations.
 Rigging of equipment.
 Start-up and testing of units.
 One year warranty.
 Permits as required.

Total

\$ 382,000.00

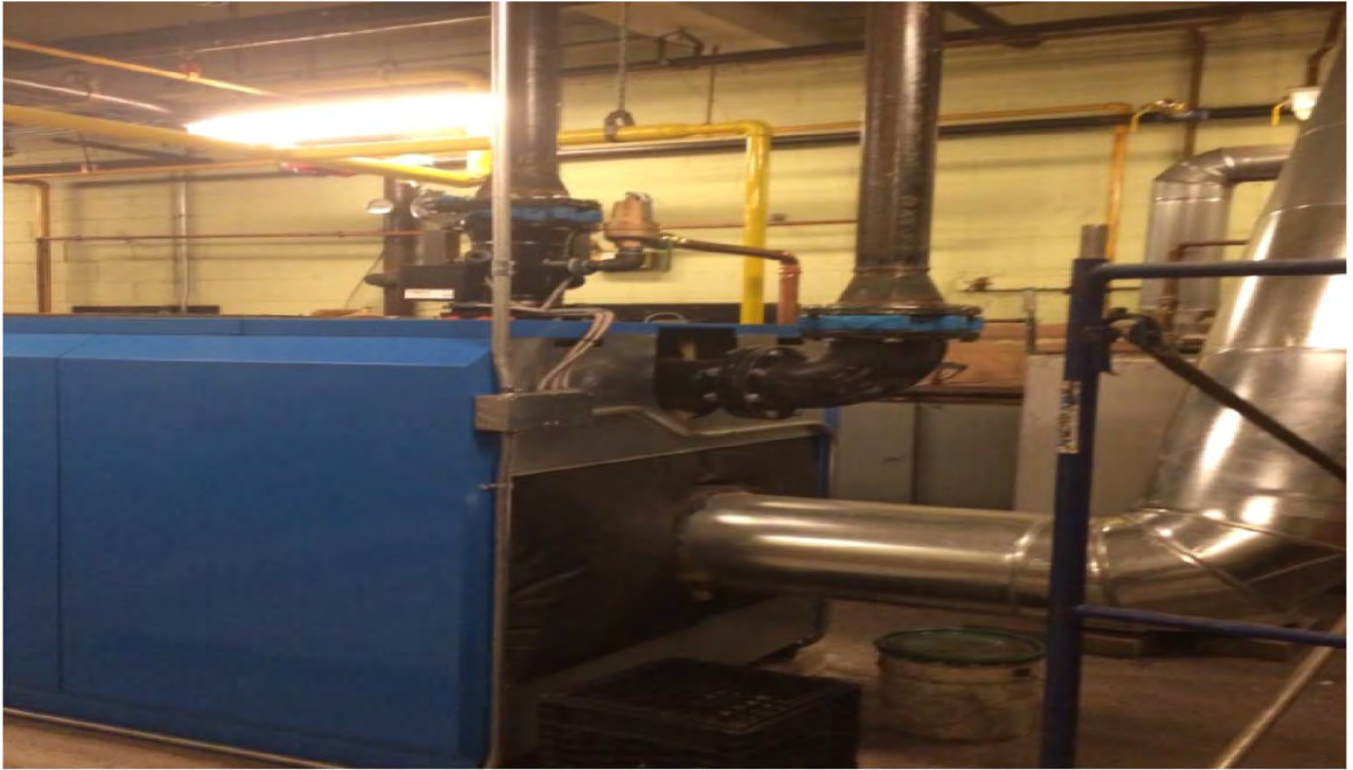


Old 1966 boilers showing age and leaks

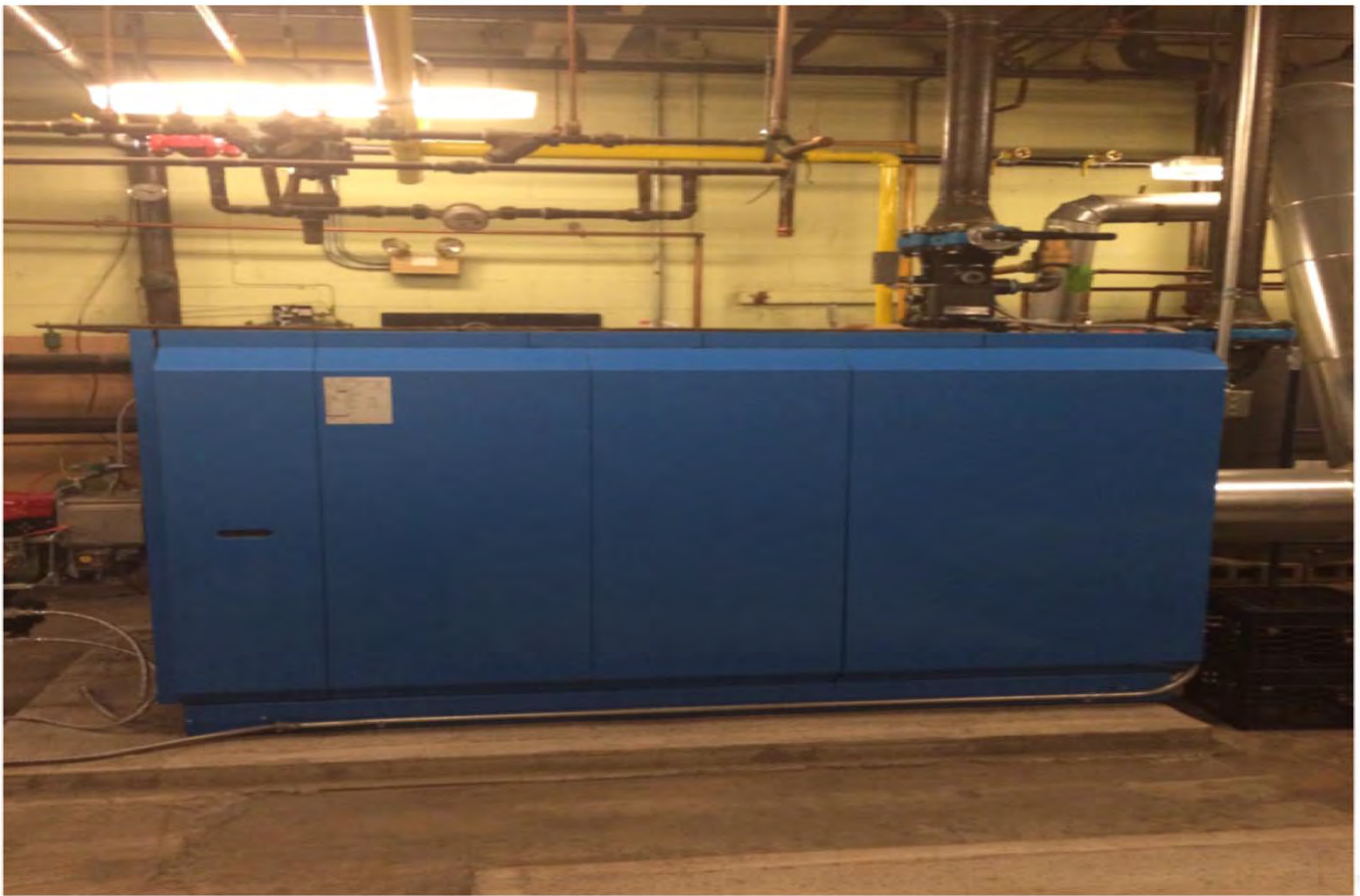




Old boiler photos



New 2014 boiler at North Stratfield



New 2014 boiler at North Stratfield



Fairfield Ludlowe High School**Artificial Turf Field Replacement****\$ 650,000**

Background: The existing artificial turf field from 2004 is in need of replacement. This request is for funding the replacement of the artificial turf field system.

Purpose & Justification: The condition of the artificial turf field is declining and safety testing has shown that some sections are no longer safe for play. Replacement of this artificial turf field now will prevent injuries from students and the public use of the current artificial turf field system.

Detailed Description: The expenditure would cover the total cost of the project which would include the removal and disposal of the top coat of the artificial turf field, the resurfacing of the top coat of the running track, all new installation and labor, new permanent line/game striping and new warranty. These funds would also cover design, bidding and construction administration costs as well as a contingency for unforeseen conditions that might be uncovered during the construction activities.

Estimated Cost: The cost of this funding request is \$650,000. This number is based on similar replacement projects undertaken in the Town of Fairfield and surrounding towns and estimates provided by contractors.

Long Range Costs: This replacement project will have an anticipated life of 10-12 years of what is considered "heavy use" for this upgrade.

Demand on Existing Facilities: This replacement project will help to keep the integrity of the structural base system for the artificial turf product and prolong the life of the entire system and field.

Security, Safety and Loss Control: This project would enhance safety and loss control by drastically reducing the risk of injuries during its use.

Environmental Considerations: This project replacement includes the recycling of the product removed so therefore helps the environment by not dumping or disposing of this large amount of old artificial turf field material.

Funding, Financing & SDE Reimbursement: This project would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is not eligible for reimbursement through the State Department of Education, Bureau of School Facilities.

Schedule, Phasing & Timing: The schedule is to have this work done this summer, 2015.

Other Considerations: The work will be bid out by the Town Purchasing Department and will be performed by outside contractors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will delay this needed replacement and further delay other similar projects scheduled in the BOE future planning and is a huge safety risk for students and the public using the field.



Date: October 24, 2014

PRICING PROPOSAL FOR FAIRFIELD LUDLOWE HIGH SCHOOL

Sprinturf is pleased to offer supply and install the following high performance artificial in-filled grass surface.

Field Name	Fairfield Ludlowe High School
Square Footage	111,463
Field Markings	Football, Soccer, Field Hockey, and Boy's Lacrosse Markings
Turf System	Ultrablade DFE (Slit Film and Monofilament) with Cool Fiber technology
Synthetic Turf Removal and Replacement Price (Sales & Use Tax Excluded)	\$461,600
Additional Cost for CoolFill Infill top layer	\$15,000.00

Product Details

Sprinturf is pleased to offer

Product Detail	Ultrablade DFE
Color	Field Green/Rye Green
Pile Height	2.25"
In-fill Type	100% SBR Rubber
Backing/Urethane Weight	24 oz/yd ²
Face Weight	50 oz/yd ²

The Sprinturf Difference

In order to provide the highest quality product and service, one hundred percent of Sprinturf products are manufactured in house and in America creating American jobs and investments. Sprinturf installations are executed to a uniform, national quality standard and Sprintcare, our after sales maintenance program is one of the best in the industry.

Price Includes:

- a) Removal and disposal of existing synthetic turf and stockpile of rubber infill onsite for reuse.
- b) Laser grade existing aggregate base as needed.
- c) Installation of the artificial in-filled grass surface provided by Sprinturf.
- d) An 8 Year Manufacturer's Warranty, an 8 Year 3rd Party Insured Warranty.
- e) Tufted/Inlaid Football, Soccer, Field Hockey, and Men's Lacrosse Markings.
- f) (1) Gmax test at completion.

Sprinturf Customer Loyalty Benefits

- a) 1 Annual G-max test over the 8 year-warranty period (8 Tests) ;
- b) 1 annual Sprinturf Maintenance Visit over the 8 year warranty period (8 Visits) Estimated Cost Savings;

900 CIRCLE 75 PARKWAY, SUITE 1750, ATLANTA, GA 30339 PHONE 770-933-4070 FAX 770-933-4059



Notes:

- a) Any alteration or deviation from specifications involving extra costs is not included.
- b) Site security is not included in Pricing.
- c) This proposal does not include permits, fees, bid bond, payment & performance bond, engineered drawings, bridging, remedial work, capping of existing irrigation, locating, relocation, or removal and/or repair of existing utilities, lime stabilization, rock excavation, excavation or remediation of unsuitable soils, restoration of the existing roadway utilized for dumping the waste excavation, permeability testing.
- d) Pricing assumes Prevailing Wage Rates.
- e) Pricing includes purchase via TIPS/TAPS.

The price is valid for the period of 60 days. The price is subject to increase if affected by an increase in raw materials, freight, or levies.

Please feel free to reach out to any member of our team with questions about our offer:

Webb Cook

Director of Sales

(717) 917-1790

wcook@sprinturf.com

Bruce Cheskin

Executive Vice President

(770) 933-4070

bcheskin@sprinturf.com

Noah Stiles

Regional Sales Manager

(516) 732-1551

nstiles@sprinturf.com

Thank you again for your interest in Sprinturf, we look forward to working with you.

Per:

Bruce Cheskin

Executive Vice President

Sprinturf LLC

900 CIRCLE 75 PARKWAY, SUITE 1750, ATLANTA, GA 30339 PHONE 770-933-4070 FAX 770-933-4059

900 Circle 75 Parkway
Suite 1750
Atlanta, GA 30339
PH: (770) 933-4070 Fax: (770) 933-4059
www.Sprinturf.com



November 5, 2014

Ms. Lisa Moscato
Fairfield Schools
Fairfield, CT

Re: Fairfield Ludlow HS

Ms. Moscato:

Please accept the following pricing:

1. Re-coat existing track surfacing with red urethane surfacing, and make repairs to cracked areas of the track. Stripe new track surfacing.....**\$98,000.00**
2. Inlay girls' lacrosse lines and markings.....**\$5,500.00**

Please contact me if you have questions or need other information.

Sincerely,

Webb Cook

Webb Cook
Director of Sales
Sprinturf



Tip Taps Summary

The Interlocal Purchasing System (TIPS/TAPS) is available for use by all public and private schools, colleges, universities, cities, counties, and other government entities throughout the country that are members, which the State of Connecticut is. All awarded contracts through the TIPS/TAPS program have been Awarded under the Competitively Bid Process and received a Contract from TIPS/TAPS Governing Board of Directors. These Awarded Vendors have agreed to provide the best pricing, terms and conditions available to TIPS/TAPS Members, which Sprinturf is a member.

The TIPS/TAPS Program takes PRIDE in providing a purchasing coop where Awarded Vendors and Members both benefit. A school district or other TIPS/TAPS Member can benefit from the cost savings of time and expense in competitively bidding each purchase.

The Purpose of TIPS/TAPS

- 1) Provide school districts and other governmental entities opportunities for greater efficiency and economy in acquiring goods and services.
- 2) Take advantage of state-of-the-art purchasing procedures to insure the most competitive contracts.
- 3) Provide competitively priced solicitation and bulk purchasing for multiple government entities that yields economic benefits unobtainable by individual entities.
- 4) Provide quick and efficient delivery of goods and services by contracting with "high performance" vendors.
- 5) Equalize purchasing power for smaller entities that are not able to command the best contracts for themselves.
- 6) Maintain credibility and confidence in business procedures by maintaining open competition for purchases and by complying with purchasing laws and ethical business practices.
- 7) Assist entities in maintaining the essential controls for budget and accounting purposes.

900 CIRCLE 75 PARKWAY, SUITE 1750, ATLANTA, GA 30339 PHONE 770-933-4070 FAX 770-933-4059



**Old 2004 artificial turf field showing age
and deterioration**





Close up field deterioration





New artificial turf field conditions





New close up photos of artificial turf field conditions



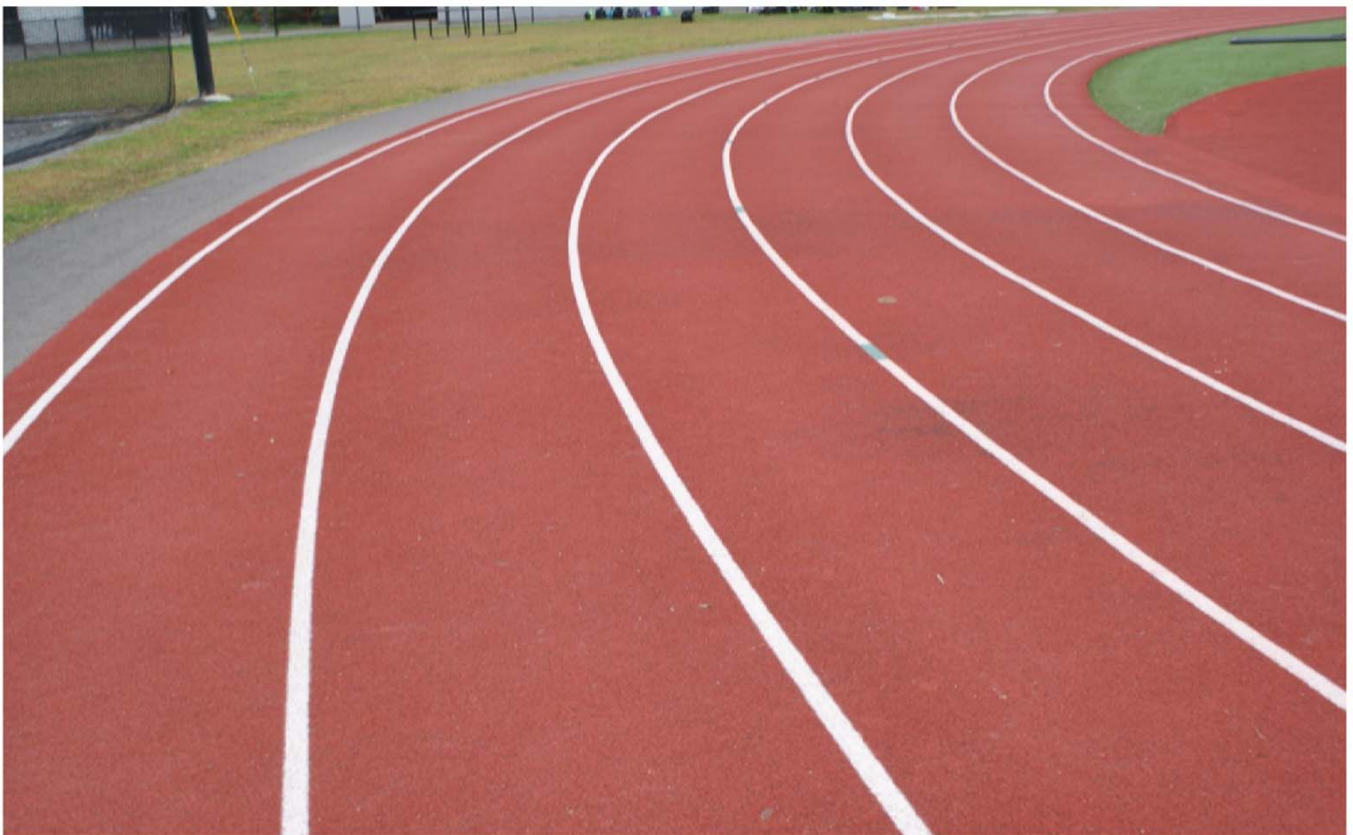


Old 2004 artificial running track showing age and deterioration





New artificial running track photos



Proposed Security Infrastructure Upgrades

Systemwide

\$ 3,222,428

Background: Following the Sandy Hook Elementary School tragedy, the Fairfield Police Department along with the Central Office Administration conducted a security assessment of all the Fairfield Public School buildings. Based on this assessment the Fairfield Police Department recommended several improvements to the Fairfield Public Schools' security infrastructure. Some of the low cost items on this list have been implemented with operating budget funds over the past two years.

Purpose & Justification: The purpose of this funding request is to make recommended security infrastructure improvements as recommended by the Fairfield Police Department. These recommended improvements will enhance the security and safety at our facilities for our students and staff. The scope of this work is too great to be handled within the BOE operating budget.

Detailed Description: The expenditure would cover the total costs for multiple security improvements to our facilities. These include security film on windows, camera system improvements, upgrades to public address systems, protective secure fencing, door hardware upgrades, visitor management systems, and other operational security improvements as detailed in the accompanying spreadsheet. Details about these specific improvements cannot be shared in public upon the advice of the Fairfield Police Department.

Estimated Cost: The cost of this funding request is \$3,222,428. Estimates were provided by multiple professional licensed contractors/vendors for the different projects in this funding request. If approved, security funding of \$160,000 in the BOE operating budget for 2014-2015 will be redirected to the Health Insurance Fund.

Long Range Costs: Most of the projects listed do not have added long-term costs associated with their implementation. However, two of the projects (RAPTOR and BeSafe) would incur yearly licensing renewal fees. These fees would be accounted for in the Fairfield Public Schools "Security Account" line as an operational expense. The protective secure fencing at the portable classroom locations and annex building connectors will require yearly maintenance and repairs until the portables are removed. These fees would be accounted for in the Fairfield Public Schools "Building Envelope" line as a preventative maintenance expense. If the school system's security account is maintained at current levels, no increase will be needed to maintain this equipment on an annual basis.

Demand on Existing Facilities: These projects will not add any additional demand to the existing facilities.

Security, Safety and Loss Control: This project would greatly enhance security, safety and loss control by improving monitoring capabilities, hardening of our facilities against unauthorized entry, and enhancing communications during emergencies.

Environmental Considerations: None

Funding, Financing & SDE Reimbursement: These projects would not proceed without funding approval. There are no State or Federal regulations that require this project to be undertaken. This project is not eligible for reimbursement through the State Department of Education, Bureau of School Facilities. Grant funding through the CT Department of Emergency Management and Homeland Security “School Security Competitive Grant Program” (SSCGP) was applied for but not received in 2014. Future grants may be available to offset some of these costs.

Schedule, Phasing & Timing: Approval of this funding will allow the implementation of these projects over the next two years as identified in the Fairfield Public Schools Facilities Plan “Waterfall Schedule” -- half in 2015-2016 and half in 2016-2017.

Other Considerations: Town of Fairfield Purchasing Department will award the work per the guidelines and will be performed by outside contractors/vendors.

Alternates to the Request: The alternate to this request is to do nothing. This alternative will require continuing with the present security and safety infrastructure and its limitations.

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PROPOSED SECURITY INFRASTRUCTURE UPGRADES

'RAPTOR' Visitor Management System	\$64,000
Additional Intrusion Film Installation	\$785,837
Migration to IP based Security Camera System including interior and exterior cameras for full coverage	\$1,192,416
Add Second Monitor to secretary desks for AiPhone & Security Camera Monitoring	\$10,000
Bollards at Entries	\$78,015
Public Address Upgrades in Cafeterias & Gyms (All Schools) Wood Shop & Band Room (MS & HS) and Auto Shop (HS)	\$269,676
Fencing at Annexes, Portable Classrooms and connectors (including motion sensor lights)	\$284,704
Door Hardware Upgrades for additional 'Safe Rooms'	\$90,000
Upgrade PA system to provide All Call Capability	\$71,920
'BE SAFE' Web-based Emergency Operations Plan System	\$120,860
Materials for standard LD Key location	\$5,000
Consultants for Vestibule Studies, Camera Upgrades, Signage Study, Bid	\$250,000
TOTAL BOND REQUEST	\$3,222,428



BeSafe Technologies, Inc.

Corporate Locations

244 Rolling Hitch Rd.
Centerville, MA
02632

8317 Harps Mill Rd.
Raleigh, NC
27615

Visit us online:
www.BeSafe.net

Toll Free: 866.216.5649

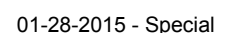
BeSafe Safety Portal

Periodic updates maintain information integrity and ensure effectiveness of the program. The importance of this ongoing process cannot be understated – the safety of students, faculty, staff and administration, as well as the first responders, depends on the quality of information. Frequency of updates depends upon the level of activity or change anticipated in personnel or equipment in the site or community. The BeSafe Safety Portal offers you:

- Secure Document Management and Publication
- Essential Information Management
- Content Management
- User and Group Management
- Event Planning
- Announcements, Alerts, and Invitations
- Discussion Forums
- BeSafe Information for First Responders
- SMS and Email Messaging
- Other Custom Functionality

"I have worked with BeSafe Technologies for several years implementing a regional response network that has safeguarded schools, hospitals, and community buildings serving over 50 towns and cities. The BeSafe system has enabled police and fire personnel to be familiar with details about a site before they even get there. Having BeSafe helps us to respond effectively and safely." *Daniel Perenick, Sergeant, Winchester Ma Police Department*





3M™ Safety & Security Window Films and Attachment System

Bomb Blast and Explosion Protection



Fortify your windows from blast related attacks and accidental explosions with 3M™ Safety & Security Window Films and Attachment Systems

- Helps protect people and property against bomb blasts, chemical explosions and other explosives
- Flying glass shards are one of the most common causes of blast related injuries and fatalities
- Attachment systems anchor the film to the glass frame, providing additional protection once the glass is broken
- 3M rigorously tests against a multitude of explosion and blast standards that include both shock tube and open air arena explosive testing
- 3M's micro-layered, tear resistant, 3M™ Scotchshield™ Ultra Series Safety & Security Window Films are specifically designed to provide additional protection from blasts

	Number of Explosive Incidents in the US	Number of Injuries and Fatalities
2013	5,909	421
2012	5,815	180

According to the Bureau of Alcohol, Tobacco, Firearms and Explosives US Bomb Data Center May 2014 Publication



Protecting from explosive attacks

Today bomb threats seem like a daily occurrence. If your facility is considered high risk, is near a building considered high risk, or if your building is near a high risk event, you should consider blast hazard mitigation for your windows. Schools, government buildings, financial institutions, data centers, large international corporations and controversial businesses should all consider blast mitigation strategies. 3M Safety & Security Window Films and Attachment Systems mitigate flying glass shards in the event of a blast, helping to protect people and property.



Protecting from accidental explosions

Accidental explosions are real life every day risks for many industrial, lab or manufacturing facilities and these occur more frequently than we would like to admit. In many facilities, glass windows, or glass insets in doors overlook industrial, lab, or manufacturing space and the risk associated with this glass is rarely considered. In the event of an explosion, one of the most common causes of injury is due to flying glass shards from exploded windows. Help protect from flying glass shards with 3M Safety & Security Window Films and Attachment Systems.



Government owned or leased

Whether owned or leased, most federal and state government facilities are required to implement blast hazard mitigation measures on their windows and glass. 3M Safety & Security Window Films and Attachment Systems have been tested to government referenced standards and meet or exceed the performance requirements on numerous glazing types under a variety of blast loads. Although government facilities range in risk category and level of blast protection required, 3M Safety & Security Window Films can provide an enhanced measure of safety for government employees to meet the necessary protection levels.



Security with a payback

Unlike many security upgrades, 3M™ Window Films can also provide a payback in as little as three years. 3M Safety & Security Window Films can include solar energy rejection, which helps reduce air conditioning costs and save you money.

Learn more about how 3M Window Films can protect people and property, visit www.3M.com/windowfilm



3M Renewable Energy Division Window Films

3M Center, Building 235-2S-27
St. Paul, MN 55144-1000
3M.com/windowfilm

BOS Backup - Non-recurring Capital

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Warranty and Limited Remedy: 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OR CONDITIONS, INCLUDING ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

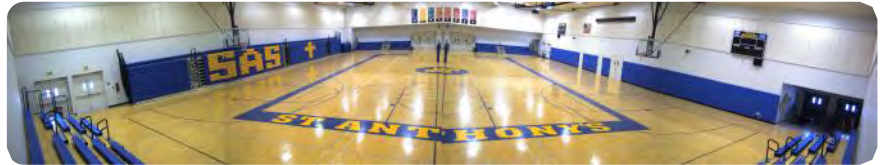
Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.

Security Solutions Division

IP Video Surveillance

Why IP Video Surveillance?

- ✓ **Superior Image Resolution**
One IP camera can do the job of 6-20 analog cameras.
- ✓ **Ease of Installation**
Cameras can leverage existing network infrastructure for easy deployment.
- ✓ **Truly Digital**
Unlike Analog systems, digital video will not degrade over long distances.
- ✓ **Camera Intelligence**
Distributed intelligence means less demand from servers and client connections.
- ✓ **Fully Integrated**
A single network cable integrates power, video, audio, PTZ control and I/O.
- ✓ **Built-in Security**
Video streams require authentication, meaning you control exactly who can see what in your system.
- ✓ **Crystal-Clear Motion**
Superior progressive scan technology provides sharper images of moving objects.
- ✓ **Easy to Scale**
Add as the need arises with easy cabling and virtually no limit of video streams.
- ✓ **Lower Total Cost**
Less cabling, head end equipment and maintenance mean lower total cost of ownership.
- ✓ **New Possibilities**
Take advantage of emerging technologies with open standard video management systems from the market leaders.



Certified Partners



VALLEY
COMMUNICATIONS SYSTEMS

20 1ST Ave. Chicopee, MA 01020



Jason Boutet

Director of Security Solutions
Toll Free: 800-522-4136 ext. 194
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Fax: 413-592-4682
JasonB@valleycommunications.com
www.valleycommunications.com

SALES | INSTALLATIONS | DESIGN | ENGINEERING | SERVICE | TRAINING

NON-RECURRING CAPITAL

SECTION 2

FINANCIALS

01-28-2015

Projected Cash Flow for Capital and Non-Recurring Projects - Town and Board of Education
2013/2014 through 2023/2024
Board of Selectmen Meeting 1/21/2015

BOS Backup - 01-28-2015 - Special

Board of Education

	<u>2013/2014</u>	<u>2014/2015</u>	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>Total</u>
Capital Projects	\$ 4,837,750	\$ 16,900,646	\$ 12,585,633	\$ 2,250,000	\$ 1,625,000	\$ 5,056,242	\$ 5,630,425	\$ 6,730,425	\$ 9,000,000	\$ 8,167,798	\$ 787,522	\$ 73,571,441
Less: Reimbursements	\$ (1,278,617)	\$ (4,486,844)	\$ (3,652,091)	\$ (594,675)	\$ (429,488)	\$ (1,336,365)	\$ (1,488,121)	\$ (1,778,851)	\$ (2,378,700)	\$ (2,158,749)	\$ (208,142)	\$ (19,790,643)
Net Capital Projects	\$ 3,559,133	\$ 12,413,802	\$ 8,933,542	\$ 1,655,325	\$ 1,195,512	\$ 3,719,877	\$ 4,142,304	\$ 4,951,574	\$ 6,621,300	\$ 6,009,049	\$ 579,380	\$ 53,780,798
Non-Recurring Projects	\$ -	\$ 1,228,766	\$ 3,750,556	\$ 3,338,657	\$ 704,977	\$ 1,782,055	\$ 1,020,303	\$ 1,125,000	\$ 825,000	\$ 1,809,970	\$ -	\$ 15,585,284
Less: Reimbursements	\$ -	\$ (122,005)	\$ (65,000)	\$ (286,428)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (473,433)
Net Non-Recurring Projects	\$ -	\$ 1,106,761	\$ 3,685,556	\$ 3,052,229	\$ 704,977	\$ 1,782,055	\$ 1,020,303	\$ 1,125,000	\$ 825,000	\$ 1,809,970	\$ -	\$ 15,111,851
Total Cash Flow Required	\$ 3,559,133	\$ 13,520,563	\$ 12,619,098	\$ 4,707,554	\$ 1,900,489	\$ 5,501,932	\$ 5,162,607	\$ 6,076,574	\$ 7,446,300	\$ 7,819,019	\$ 579,380	\$ 68,892,649

Town

	<u>2013/2014</u>	<u>2014/2015</u>	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>Total</u>
Capital Projects	\$ 2,269,717	\$ 4,250,000	\$ 11,173,709	\$ 5,720,000	\$ 3,250,000	\$ 4,550,000	\$ 600,000	\$ 7,200,000	\$ 1,850,000	\$ 1,000,000	\$ -	\$ 41,863,426
Less: Reimbursements	\$ (27,000)	\$ (1,118,778)	\$ (7,857,708)	\$ (1,440,000)	\$ (1,500,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (11,943,486)
Net Capital Projects	\$ 2,242,717	\$ 3,131,222	\$ 3,316,001	\$ 4,280,000	\$ 1,750,000	\$ 4,550,000	\$ 600,000	\$ 7,200,000	\$ 1,850,000	\$ 1,000,000	\$ -	\$ 29,919,940
Non-Recurring Projects	\$ 1,257,650	\$ 2,630,000	\$ 4,732,000	\$ 4,649,000	\$ 2,842,000	\$ 3,500,000	\$ 850,000	\$ 800,000	\$ 1,000,000	\$ 900,000	\$ 1,240,000	\$ 24,400,650
Less: Reimbursements	\$ -	\$ (240,000)	\$ -	\$ (501,000)	\$ (302,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,043,000)
Net Non-Recurring Projects	\$ 1,257,650	\$ 2,390,000	\$ 4,732,000	\$ 4,148,000	\$ 2,540,000	\$ 3,500,000	\$ 850,000	\$ 800,000	\$ 1,000,000	\$ 900,000	\$ 1,240,000	\$ 23,357,650
Total Cash Flow Required	\$ 3,500,367	\$ 5,521,222	\$ 8,048,001	\$ 8,428,000	\$ 4,290,000	\$ 8,050,000	\$ 1,450,000	\$ 8,000,000	\$ 2,850,000	\$ 1,900,000	\$ 1,240,000	\$ 53,277,590

Grand Total - Board of Education and Town

	<u>2013/2014</u>	<u>2014/2015</u>	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>Total</u>
Capital Projects	\$ 7,107,467	\$ 21,150,646	\$ 23,759,342	\$ 7,970,000	\$ 4,875,000	\$ 9,606,242	\$ 6,230,425	\$ 13,930,425	\$ 10,850,000	\$ 9,167,798	\$ 787,522	\$ 115,434,867
Less: Reimbursements	\$ (1,305,617)	\$ (5,605,622)	\$ (11,509,799)	\$ (2,034,675)	\$ (1,929,488)	\$ (1,336,365)	\$ (1,488,121)	\$ (1,778,851)	\$ (2,378,700)	\$ (2,158,749)	\$ (208,142)	\$ (31,734,129)
Net Capital Projects	\$ 5,801,850	\$ 15,545,024	\$ 12,249,543	\$ 5,935,325	\$ 2,945,512	\$ 8,269,877	\$ 4,742,304	\$ 12,151,574	\$ 8,471,300	\$ 7,009,049	\$ 579,380	\$ 83,700,738
Non-Recurring Projects	\$ 1,257,650	\$ 3,858,766	\$ 8,482,556	\$ 7,987,657	\$ 3,546,977	\$ 5,282,055	\$ 1,870,303	\$ 1,925,000	\$ 1,825,000	\$ 2,709,970	\$ 1,240,000	\$ 39,985,934
Less: Reimbursements	\$ -	\$ (362,005)	\$ (65,000)	\$ (787,428)	\$ (302,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,516,433)
Net Non-Recurring Projects	\$ 1,257,650	\$ 3,496,761	\$ 8,417,556	\$ 7,200,229	\$ 3,244,977	\$ 5,282,055	\$ 1,870,303	\$ 1,925,000	\$ 1,825,000	\$ 2,709,970	\$ 1,240,000	\$ 38,469,501
Total Cash Flow Required	\$ 7,059,500	\$ 19,041,785	\$ 20,667,099	\$ 13,135,554	\$ 6,190,489	\$ 13,551,932	\$ 6,612,607	\$ 14,076,574	\$ 10,296,300	\$ 9,719,019	\$ 1,819,380	\$ 122,170,239

TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECT REQUESTS AND ASSOCIATED REIMBURSEMENTS
SUBMITTED TO THE BOARD OF SELECTMEN
JANUARY 21, 2015

Town

	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>Total</u>
Non-Recurring Projects	\$ 4,732,000	\$ 4,649,000	\$ 2,842,000	\$ 3,500,000	\$ 850,000	\$ 16,573,000
Less: Reimbursements *	\$ (501,000)	\$ (302,000)	\$ -	\$ -	\$ -	\$ (803,000)
Net Non-Recurring Projects	<u>\$ 4,231,000</u>	<u>\$ 4,347,000</u>	<u>\$ 2,842,000</u>	<u>\$ 3,500,000</u>	<u>\$ 850,000</u>	<u>\$ 15,770,000</u>

Board of Education

	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>Total</u>
Non-Recurring Projects	\$ 5,486,770	\$ 1,852,443	\$ 704,977	\$ 1,782,055	\$ 1,020,303	\$ 10,846,548
Less: Reimbursements *	\$ (150,000)	\$ (221,428)	\$ -	\$ -	\$ -	\$ (371,428)
Net Non-Recurring Projects	<u>\$ 5,336,770</u>	<u>\$ 1,631,015</u>	<u>\$ 704,977</u>	<u>\$ 1,782,055</u>	<u>\$ 1,020,303</u>	<u>\$ 10,475,120</u>

Grand Total - Board of Education and Town

	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>Total</u>
Non-Recurring Projects	\$ 10,218,770	\$ 6,501,443	\$ 3,546,977	\$ 5,282,055	\$ 1,870,303	\$ 27,419,548
Less: Reimbursements *	\$ (651,000)	\$ (523,428)	\$ -	\$ -	\$ -	\$ (1,174,428)
Net Non-Recurring Projects	<u>\$ 9,567,770</u>	<u>\$ 5,978,015</u>	<u>\$ 3,546,977</u>	<u>\$ 5,282,055</u>	<u>\$ 1,870,303</u>	<u>\$ 26,245,120</u>

*Note: Reimbursement typically not received in same year as project request year. Cash flow for Waterfall reflects reimbursement in fiscal year expected.

TOWN OF FAIRFIELD
CHANGES FROM JANUARY 2014 COMPARED TO JANUARY 2015
FISCAL YEARS 2013/2014 THROUGH 2023/2024

		<u>Town Project</u>	<u>JANUARY 2015</u> <u>AMOUNT REQUESTED</u>	<u>JANUARY 2014</u> <u>AMOUNT REQUESTED</u>	<u>FY2015 - FY2014</u> <u>DIFFERENCE</u>
2013/2014	CAPITAL	Infrastructure - Storm Sandy	\$2,269,717	\$2,741,775	(\$472,058)
2013/2014	CAPITAL REIMBURSEMENT	Reimbursement - FEMA - Infrastructure - Storm Sandy	(\$27,000)	(\$1,118,778)	\$1,091,778
2014/2015	CAPITAL	Reimbursement - FEMA - Infrastructure - Storm Sandy	(\$1,118,778)	(\$372,926)	(\$745,852)
2015/2016	NON-RECURRING	Pine Creek Dike Study	\$350,000	\$0	\$350,000
		Main Library HVAC	\$250,000	\$0	\$250,000
		Road Paving Fund	\$1,000,000	\$0	\$1,000,000
		Valley Road Bridge Design	\$220,000	\$0	\$220,000
		6-Wheel Asphalt Truck	\$224,000	\$0	\$224,000
		10-Wheel Dump Truck	\$228,000	\$0	\$228,000
		Payloader	\$180,000	\$0	\$180,000
		Gould Manor Pond Dredging	\$275,000	\$250,000	\$25,000
		6-Wheel All-Season Dump Truck	\$200,000	\$0	\$200,000
		Independence Hall Energy Upgrades	\$300,000	\$0	\$300,000
		Tunxis Hill Butler Building	\$350,000	\$0	\$350,000
		Commerce Drive Bridge Design	\$200,000	\$150,000	\$50,000
		Cluster Replacement - ECC	\$105,000	\$0	\$105,000
		Old Town Hall	\$0	\$250,000	(\$250,000)
		Fire Station #4	\$0	\$100,000	(\$100,000)
		Riverfield Ballfield Renovation	\$0	\$112,000	(\$112,000)
		Hulls Farm Bridge Construction	\$0	\$800,000	(\$800,000)
		Lighting	\$0	\$125,000	(\$125,000)
2015/2016	CAPITAL	Penfield Pavilion	\$6,028,709	\$0	\$6,028,709
	CAPITAL REIMBURSEMENT	Reimbursement - Kings Hwy. E. - Streetscape/Ped. Imp.	(\$960,000)	(\$800,000)	(\$160,000)
		Reimbursement - Penfield Pavilion - FEMA & CDBG Funds	(\$3,334,782)	\$0	(\$3,334,782)
		Reimbursement - Penfield Pavilion - Insurance	(\$1,750,000)	\$0	(\$1,750,000)
		Reimbursement - FEMA - Infrastructure - Storm Sandy	(\$372,926)	\$0	(\$372,926)
		Reimbursement - Hulls	\$0	(\$30,000)	\$30,000
		Reimbursement - Kings Highway	\$0	(\$160,000)	\$160,000
2016/2017	NON-RECURRING	S. Benson Dock & Basin Renovations	\$400,000	\$0	\$400,000
		Fairfield Woods Library Generator	\$120,000	\$0	\$120,000

		Burr Mansion Painting	\$150,000	\$0	\$150,000
		Hulls Farm Rd Bridge Design	\$150,000	\$0	\$150,000
		6-Wheel All Season	\$200,000	\$0	\$200,000
		6-Wheel Asphalt Truck	\$224,000	\$0	\$224,000
		6-Wheel Dump Truck	\$200,000	\$0	\$200,000
		Loader	\$180,000	\$0	\$180,000
		Sweeper	\$190,000	\$0	\$190,000
		Fire Station #4	\$350,000	\$0	\$350,000
		Pumper e-5 Lsn11	\$610,000	\$0	\$610,000
		Rooster River Bank Stabiliz. (Woodside Cir.)	\$150,000	\$0	\$150,000
		Cluster Replacement - Town	\$105,000	\$0	\$105,000
		S. Benson Marina Dredging	\$0	\$100,000	(\$100,000)
		S. Benson Marina Pilings	\$0	\$180,000	(\$180,000)
2016/2017	CAPITAL	Old Town Hall Renovation	\$3,250,000	\$3,000,000	\$250,000
		South Pine Creek Dike	\$2,000,000	\$0	\$2,000,000
	NON-RECURRING REIMBURSEMENT	Reimbursement - Commerce Dr Bridge Design	(\$100,000)	(\$208,000)	\$108,000
		Reimbursement - Valley Road Bridge Design	(\$176,000)	\$0	(\$176,000)
		Reimbursement - Pine Creek Dike Study	(\$225,000)	\$0	(\$225,000)
2017/2018	NON-RECURRING	Senior Center Renovation Design	\$150,000	\$0	\$150,000
		Hulls Farm Rd Bridge Construction	\$800,000	\$0	\$800,000
		Riverfield Ballfield Renovation	\$112,000	\$0	\$112,000
		6-Wheel All Season	\$200,000	\$0	\$200,000
		6-Wheel Hook Lift	\$200,000	\$0	\$200,000
		6-Wheel Dump Truck	\$200,000	\$0	\$200,000
		Lighting	\$125,000	\$0	\$125,000
		Grasmere Flood Control & Restoration	\$100,000	\$0	\$100,000
		Cluster Replacement - Ffld. Woods Library	\$105,000	\$0	\$105,000
		Sr Ctr windows	\$0	\$500,000	(\$500,000)
		Sr Ctr HVAC	\$0	\$450,000	(\$450,000)
	CAPITAL - REIMBURSEMENT	Reimbursement - South Pine Creek Dike	(\$1,500,000)	\$0	(\$1,500,000)
	NON-RECURRING REIMBURSEMENT	Reimbursement - Hulls Highway Bridge Design	(\$30,000)	\$0	(\$30,000)
2018/2019	NON-RECURRING	6-Wheel All Season	\$200,000	\$0	\$200,000
		6-Wheel Dump Truck	\$200,000	\$0	\$200,000
		Back Hoe - Medium	\$150,000	\$0	\$150,000
		Pumper E3 Lsn12	\$625,000	\$0	\$625,000
		Lake Mohegan - Cottage	\$100,000	\$0	\$100,000
		McLevy - Replace Tidegates	\$200,000	\$0	\$200,000

		Center St. Horse Tavern Creek Drainage	\$200,000	\$0	\$200,000
		IT Relocation	\$950,000	\$0	\$950,000
		ECC Move	\$0	\$750,000	(\$750,000)
		Pumper # 5	\$0	\$600,000	(\$600,000)
	CAPITAL	ECC Move	\$1,350,000	\$0	\$1,350,000
2019/2020	NON-RECURRING	6-Wheel Hook Lift	\$200,000	\$0	\$200,000
		Back Hoe - Medium	\$150,000	\$0	\$150,000
		Perry's Mill - Rebuild/Breach Dam - Mill River	\$200,000	\$0	\$200,000
		Riverside Drive - Replace Tidegates	\$200,000	\$0	\$200,000
		Sr Ctr Roof	\$0	\$400,000	(\$400,000)
		Tunxis Hill Butler Building	\$0	\$350,000	(\$350,000)
	CAPITAL	Senior Center Renovation	\$1,200,000	\$0	\$1,200,000
2020/2021	NON-RECURRING	Vehicle Replacements	\$600,000	-	\$600,000
		Pumper #3	\$0	620,000	(\$620,000)
	CAPITAL	Ladder L2 Lsn52	\$1,200,000	\$0	\$1,200,000
2021/2022	NON-RECURRING	Vehicle Replacements	\$600,000	\$0	\$600,000
2022/2023	NON-RECURRING	Vehicle Replacements	\$600,000	0	\$600,000
2023/2024	NON-RECURRING	Pumper E2 Lsn14	\$640,000	\$0	\$640,000
	NON-RECURRING	Vehicle Replacements	\$600,000	\$0	\$600,000
		Other			(\$163,925)
			\$23,021,940	\$8,789,071	\$14,068,944

A = APPROVED
P = PROPOSED

NON-RECURRING & CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2013/2014
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Fire Station #1 HVAC	A	\$172,000
DPW	Police Station HVAC	A	\$160,000
DPW	FW Branch Roof	A	\$200,000
DPW	Duck Farm Bridge Design	A	\$300,000
DPW	Old Town Hall Generator	A	\$105,000
DPW	Underground Tanks	A	\$220,650
Park & Rec	Smith Rich Bunker	A	\$100,000
SUBTOTAL NON-RECURRING:			\$1,257,650
	CAPITAL (OVER \$1,000,000)		
DPW	Kings Hwy. East - Street/Pedestrian Improve.	A	\$1,200,000
SUBTOTAL CAPITAL:			\$1,200,000
GRAND TOTAL			\$2,457,650

NON-RECURRING REQUESTS MADE IN FISCAL YEAR 2013/2014

A = APPROVED
P = PROPOSED

NON-RECURRING & CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2014/2015
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Two 6-Wheel Dump Trucks	A	\$380,000
DPW	Old Town Hall Structural Improvement	A	\$300,000
DPW	10-Wheel Dump Truck	A	\$228,000
DPW	6-Wheel Asphalt Truck	A	\$224,000
DPW	John Deere 710 Back Hoe	A	\$192,000
DPW	Tree Bucket Truck	A	\$184,000
DPW	Refuse/Recycling Truck	A	\$147,000
DPW	Fairfield Center Streetscape	A	\$100,000
Park & Rec	H.S.R. Bunker Renovation	A	\$100,000
Fire	Ladder Truck	A	\$775,000
SUBTOTAL NON-RECURRING:			\$2,630,000
	CAPITAL (OVER \$1,000,000)		
DPW	Valley Rd Bridge Construction	P	\$1,800,000
Park & Rec	Clubhouse Renovation	P	\$3,550,000
IT	Network WAN	P	\$1,125,000
IT	Phone System	P	\$2,890,000
SUBTOTAL CAPITAL:			\$9,365,000
GRAND TOTAL			\$11,995,000

NON-RECURRING REQUESTS MADE IN FISCAL YEAR 2014/2015

CAPITAL PROJ. BY FISCAL YEAR: P = PROPOSED

NON-RECURRING & CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2015/2016
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Pine Creek Dike Study	P	\$350,000
DPW	Main Library HVAC	P	\$250,000
DPW	Road Paving Fund	P	\$1,000,000
DPW	Valley Road Bridge Design	P	\$220,000
DPW	6-Wheel Asphalt Truck	P	\$224,000
DPW	10-Wheel Dump Truck	P	\$228,000
DPW	Payloader	P	\$180,000
DPW	Gould Manor Pond Dredging	P	\$275,000
DPW	6-Wheel All-Season Dump Truck	P	\$200,000
DPW	Independence Hall Energy Upgrades	P	\$300,000
DPW	Tunxis Hill Butler Building	P	\$350,000
DPW	Commerce Drive Bridge Design	P	\$200,000
DPW	Burr Mansion Improvements	P	\$150,000
Park & Rec	Golf Course Renovation	P	\$100,000
Fire	Pumper	P	\$600,000
IT	Cluster Replacement - ECC	P	\$105,000
	SUBTOTAL NON-RECURRING:		\$4,732,000
	CAPITAL (OVER \$1,000,000)		
DPW	Duck Farm Bridge Construction	P	\$1,800,000
DPW	Penfield Pavilion	P	\$6,028,709
	SUBTOTAL CAPITAL:		\$7,828,709
	GRAND TOTAL		\$12,560,709

ANTICIPATED EXPENDITURES PER FISCAL YEAR:

E = EXPENDED

Department	Town Project		2013/2014
	CAPITAL		
DPW	Infrastructure - Storm Sandy	E	\$2,269,717
Capital Projects This FY			\$2,269,717
Reimbursement - FEMA - Infrastructure - Storm Sandy			-\$27,000
Net Capital Projects This FY			\$2,242,717
Non-Recurring Projects Expended This FY			\$1,257,650
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$1,257,650
NET CASH FLOW PER FISCAL YEAR			\$3,500,367

ANTICIPATED EXPENDITURES PER FISCAL YEAR:

A = APPROVED
P = PROPOSED

Department	Town Project		2014/2015
	CAPITAL		
DPW	Storm Sandy - Southport Harbor	P	\$500,000
DPW	Storm Sandy - Fairfield Beach Road Bulkhead	P	\$250,000
DPW	Valley Rd Bridge Construction	P	\$1,800,000
DPW	Kings Hwy. East - Street/Pedestrian Improve.	A	\$1,200,000
Park & Rec	Clubhouse Renovation	P	\$300,000
IT	WAN Consultant	P	\$100,000
IT	Phone Consultant	P	\$100,000
Capital Projects This FY			\$4,250,000
Reimbursement - FEMA - Infrastructure - Storm Sandy			-\$1,118,778
Net Capital Projects This FY			\$3,131,222
Non-Recurring Projects This FY			\$2,630,000
Reimbursement - Duck Farm Rd Bridge Design			-\$240,000
Net Non-Recurring Projects This FY			\$2,390,000
NET CASH FLOW PER FISCAL YEAR			\$5,521,222

ANTICIPATED EXPENDITURES PER FISCAL YEAR:

P = PROPOSED
R = RECEIVED

Department	Town Project		2015/2016
	CAPITAL		
DPW	Duck Farm Bridge Construction	P	\$1,800,000
Park & Rec	Clubhouse Renovation	P	\$1,950,000
IT	Phone System - Phase 1	P	\$1,395,000
DPW	Penfield Pavilion	P	\$6,028,709
Capital Projects This FY			\$11,173,709
Reimbursement - Valley Road Bridge Construction			-\$1,440,000
Reimbursement - Kings Hwy. E. - Streetscape/Ped. Imp.			-\$960,000
Reimbursement - Penfield Pavilion - FEMA & CDBG Funds			-\$3,334,782
Reimbursement - Penfield Pavilion - Insurance		R	-\$1,750,000
Reimbursement - FEMA - Infrastructure - Storm Sandy			-\$372,926
Net Capital Projects This FY			\$3,316,001
Non-Recurring Projects This FY			\$4,732,000
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$4,732,000
NET CASH FLOW PER FISCAL YEAR			\$8,048,001

NON-RECURRING REQUESTS MADE IN FISCAL YEAR 2015/2016

A = APPROVED

P = PROPOSED

NON-RECURRING & CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2016/2017
	NON-RECURRING (UNDER \$1,000,000)		
DPW	S. Benson Dock & Basin Renovations	P	\$400,000
DPW	Fairfield Woods Library Generator	P	\$120,000
DPW	Perry's Green Bulkhead	P	\$150,000
DPW	Dwight Field Renovation	P	\$120,000
DPW	Turney Creek Tide Gates	P	\$400,000
DPW	Commerce Dr Bridge Construction	P	\$850,000
DPW	Burr Mansion Painting	P	\$150,000
DPW	Hulls Farm Rd Bridge Design	P	\$150,000
DPW	6-Wheel All Season	P	\$200,000
DPW	6-Wheel Asphalt Truck	P	\$224,000
DPW	6-Wheel Dump Truck	P	\$200,000
DPW	Loader	P	\$180,000
DPW	Sweeper	P	\$190,000
DPW	Fire Station #4	P	\$350,000
Park & Rec	Golf Course Renovation	P	\$100,000
Fire	Pumper e-5 Lsn11	P	\$610,000
Conservation	Rooster River Bank Stabiliz. (Woodside Cir.)	P	\$150,000
IT	Cluster Replacement - Town	P	\$105,000
SUBTOTAL NON-RECURRING:			\$4,649,000
	CAPITAL (OVER \$1,000,000)		
DPW	Old Town Hall Renovation	P	\$3,250,000
DPW	South Pine Creek Dike	P	\$2,000,000
SUBTOTAL CAPITAL:			\$5,250,000
GRAND TOTAL			\$9,899,000

ANTICIPATED EXPENDITURES PER FISCAL YEAR:

P = PROPOSED

Department	Town Project		2016/2017
	CAPITAL		
IT	Network WAN	P	\$1,025,000
IT	Phone System - Phase 2	P	\$1,395,000
Park & Rec	Clubhouse Renovation	P	\$1,300,000
DPW	South Pine Creek Dike	P	\$2,000,000
Capital Projects This FY			\$5,720,000
Reimbursement - Duck Farm Rd Bridge Construction			-\$1,440,000
Net Capital Projects This FY			\$4,280,000
Non-Recurring Projects This FY			\$4,649,000
Reimbursement - Commerce Dr Bridge Design			-\$100,000
Reimbursement - Valley Road Bridge Design			-\$176,000
Reimbursement - Pine Creek Dike Study			-\$225,000
Net Non-Recurring Projects This FY			\$4,148,000
NET CASH FLOW PER FISCAL YEAR			\$8,428,000

NON-RECURRING REQUESTS MADE IN FISCAL YEAR 2016/2017

A = APPROVED

P = PROPOSED

NON-RECURRING & CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2017/2018
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Senior Center Renovation Design	P	\$150,000
DPW	Tunxis Hill Upper Field Renovation	P	\$130,000
DPW	Sherman Field Renovation	P	\$100,000
DPW	Brookside Dr Bridge Design	P	\$300,000
DPW	Hulls Farm Rd Bridge Construction	P	\$800,000
DPW	Riverfield Ballfield Renovation	P	\$112,000
DPW	6-Wheel All Season	P	\$200,000
DPW	6-Wheel Hook Lift	P	\$200,000
DPW	6-Wheel Dump Truck	P	\$200,000
Park & Rec	Golf Course Renovation	P	\$100,000
Park & Rec	Lighting	P	\$125,000
Police	Police Boat	P	\$220,000
Conservation	Grasmere Flood Control & Restoration	P	\$100,000
IT	Cluster Replacement - Ffld. Woods Library	P	\$105,000
SUBTOTAL NON-RECURRING:			\$2,842,000
	CAPITAL (OVER \$1,000,000)		
SUBTOTAL CAPITAL:			\$0
GRAND TOTAL			\$2,842,000

ANTICIPATED EXPENDITURES PER FISCAL YEAR:

P = PROPOSED

Department	Town Project		2017/2018
	CAPITAL		
DPW	Old Town Hall Renovation	P	\$3,250,000
Capital Projects This FY			\$3,250,000
Reimbursement - South Pine Creek Dike			-\$1,500,000
Net Capital Projects This FY			\$1,750,000
Non-Recurring Projects Expended This FY			\$2,842,000
Reimbursement - Commerce Dr Bridge Construction			-\$272,000
Reimbursement - Hulls Highway Bridge Design			-\$30,000
Net Non-Recurring Projects This FY			\$2,540,000
NET CASH FLOW PER FISCAL YEAR			\$4,290,000

NON-RECURRING REQUESTS MADE IN FISCAL YEAR 2017/2018

BOS Backup - 01-28-2015 - Special

A = APPROVED

P = PROPOSED

NON-RECURRING & CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2018/2019
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Fire Station #2 Mntce. Relocation to FTC	P	\$500,000
DPW	Fairfield Woods Library Elevator	P	\$275,000
DPW	6-Wheel All Season	P	\$200,000
DPW	6-Wheel Dump Truck	P	\$200,000
DPW	Back Hoe - Medium	P	\$150,000
Park & Rec	Golf Course Renovation	P	\$100,000
Fire	Pumper E3 Lsn12	P	\$625,000
Conservation	Lake Mohegan - Cottage	P	\$100,000
Conservation	McLevy - Replace Tidegates	P	\$200,000
Conservation	Center St. Horse Tavern Creek Drainage	P	\$200,000
IT	IT Relocation	P	\$950,000
SUBTOTAL NON-RECURRING:			\$3,500,000
	CAPITAL (OVER \$1,000,000)		
DPW	Brookside Dr Bridge Construction	P	\$1,200,000
Police	Radio System	P	\$2,000,000
Police	ECC Move	P	\$1,350,000
SUBTOTAL CAPITAL:			\$4,550,000
GRAND TOTAL			\$8,050,000

ANTICIPATED EXPENDITURES PER FISCAL YEAR:

P = PROPOSED

Department	Town Project		2018/2019
	CAPITAL		
DPW	Brookside Dr Bridge Construction	P	\$1,200,000
Police	Radio System	P	\$2,000,000
Police	ECC Move	P	\$1,350,000
Capital Projects This FY			\$4,550,000
Reimbursement			\$0
Net Capital Projects This FY			\$4,550,000
Non-Recurring Projects Expended This FY			\$3,500,000
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$3,500,000
NET CASH FLOW PER FISCAL YEAR			\$8,050,000

A = APPROVED
P = PROPOSED

Department	Town Project		2019/2020
	NON-RECURRING (UNDER \$1,000,000)		
Park & Rec	Golf Course Renovation	P	\$100,000
DPW	6-Wheel Hook Lift	P	\$200,000
DPW	Back Hoe - Medium	P	\$150,000
Conservation	Perry's Mill - Rebuild/Breach Dam - Mill River	P	\$200,000
Conservation	Riverside Drive - Replace Tidegates	P	\$200,000
SUBTOTAL NON-RECURRING:			\$850,000
	CAPITAL (OVER \$1,000,000)		
DPW	Senior Center Renovation	P	\$1,200,000
SUBTOTAL CAPITAL:			\$1,200,000
GRAND TOTAL			\$2,050,000

A = APPROVED
P = PROPOSED

Department	Town Project		2020/2021
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Transfer Station Renovation	P	\$200,000
DPW	Vehicle Replacements	P	\$600,000
SUBTOTAL NON-RECURRING:			\$800,000
	CAPITAL (OVER \$1,000,000)		
DPW	Beach Area Flood Protection	P	\$5,000,000
DPW	Misc. Bridge	P	\$1,000,000
Fire	Ladder L2 Lsn52	P	\$1,200,000
SUBTOTAL CAPITAL:			\$7,200,000
GRAND TOTAL			\$8,000,000

BOS Backup - 01-28-2015 - Special
CAPITAL PROJ. BY FISCAL YEAR:

Department	Town Project		2021/2022
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Perry's Green Bulkhead Phase II	P	\$400,000
DPW	Vehicle Replacements	P	\$600,000
SUBTOTAL NON-RECURRING:			\$1,000,000
	CAPITAL (OVER \$1,000,000)		
DPW	Rooster River Detention Basin	P	\$1,250,000
SUBTOTAL CAPITAL:			\$1,250,000
GRAND TOTAL			\$2,250,000

Department	Town Project		2019/2020
	CAPITAL		
DPW	Senior Center Renovation	P	\$600,000
Capital Projects This FY			\$600,000
Reimbursement			\$0
Net Capital Projects This FY			\$600,000
Non-Recurring Projects Expended This FY			\$850,000
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$850,000
NET CASH FLOW PER FISCAL YEAR			\$1,450,000

Department	Town Project		2020/2021
	CAPITAL		
DPW	Beach Area Flood Protection	P	\$5,000,000
DPW	Misc. Bridge	P	\$1,000,000
DPW	Senior Center Renovation	P	\$600,000
Fire	Ladder L2 Lsn52		\$600,000
Capital Projects This FY			\$7,200,000
Reimbursement			\$0
Net Capital Projects This FY			\$7,200,000
Non-Recurring Projects Expended This FY			\$800,000
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$800,000
NET CASH FLOW PER FISCAL YEAR			\$8,000,000

Department	Town Project		2021/2022
	CAPITAL		
DPW	Rooster River Detention Basin	P	\$1,250,000
Fire	Ladder L2 Lsn52	P	\$600,000
Capital Projects This FY			\$1,850,000
Reimbursement			\$0
Net Capital Projects This FY			\$1,850,000
Non-Recurring Projects Expended This FY			\$1,000,000
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$1,000,000
NET CASH FLOW PER FISCAL YEAR			\$2,850,000

A = APPROVED
P = PROPOSED

Department	Town Project		2022/2023
	NON-RECURRING (UNDER \$1,000,000)		
DPW	Rooster River Bank Substation	P	\$300,000
DPW	Vehicle Replacements	P	\$600,000
	SUBTOTAL NON-RECURRING:		\$900,000
	CAPITAL (OVER \$1,000,000)		
DPW	Misc. Bridge	P	\$1,000,000
	SUBTOTAL CAPITAL:		\$1,000,000
GRAND TOTAL			\$1,900,000

A = APPROVED
P = PROPOSED

Department	Town Project		2023/2024
	NON-RECURRING (UNDER \$1,000,000)		
Fire	Pumper E2 Lsn14	P	\$640,000
DPW	Vehicle Replacements	P	\$600,000
SUBTOTAL NON-RECURRING:			\$1,240,000
	CAPITAL (OVER \$1,000,000)		
SUBTOTAL CAPITAL:			\$0
GRAND TOTAL			\$1,240,000

P = PROPOSED

Department	Town Project		2022/2023
	CAPITAL		
DPW	Misc. Bridge	P	\$1,000,000
Capital Projects This FY			\$1,000,000
Reimbursement			\$0
Net Capital Projects This FY			\$1,000,000
Non-Recurring Projects Expended This FY			\$900,000
Reimbursement			\$0
Net Non-Recurring Projects This FY			\$900,000
NET CASH FLOW PER FISCAL YEAR			\$1,900,000

P = PROPOSED

Department	Town Project	2023/2024
	CAPITAL	
Capital Projects This FY		\$0
Reimbursement		\$0
Net Capital Projects This FY		\$0
Non-Recurring Projects Expended This FY		\$1,240,000
Reimbursement		\$0
Net Non-Recurring Projects This FY		\$1,240,000
NET CASH FLOW PER FISCAL YEAR		\$1,240,000

[illegible][illegible]

**** This project is included in the Non-Recurring Projects (1 year) totals**

Leased property costs have not been determined or included in this long term plan

Estimated SDSC Grant for Fairfield is 26.43%

\$ 4,837,750

\$ 18,129,412

\$ 16,336,189

\$ 5,588,657

BOS Backup - 01-28-2015 - Special ^{Option B}

School	Project	2017-2018	SDSC Grant Reimbursement
Dwight	*Bathrooms	\$ 303,877	
FLHS	*Boilers	401,100	
FWMS	Roof project	3,000,000	
TOTAL		\$ 3,704,977	\$ -

School	Project	2018-2019	SDSC Grant Reimbursement
Holland Hill	Addition and Renovation	9,960,850	
N. Stratfield	*Ceiling & Lights	335,024	
Sherman	Roof Project	1,181,242	
FWHS	*Bathrooms	1,447,031	
TOTAL		\$ 12,924,147	\$ -

School	Project	2019-2020	SDSC Grant Reimbursement
Tomlinson	*Ceiling & Lights	\$ 668,528	
Stratfield	*Front Façade	351,775	
FWHS	New Windows	3,150,000	
TOTAL		\$ 4,170,303	\$ -

School	Project	2020-2021	SDSC Grant Reimbursement
Mill Hill	Addition and Renovation	\$ 15,000,000	
FLHS	*Bathrooms	1,125,000	
TOTAL		\$ 16,125,000	\$ -

[illegible]

\$ 2,329,977

\$ 6,838,297

BOS Backup - 01-28-2015 - Special ^{Option B}

84,487,631

3,222,428 81,265,203



Town of Fairfield, CT

All Bonded Debt - Post July 2014 Issue
Including 2015-2022 Bond Scenarios

Bond Details				Rate
\$22,500,000	New Bonds in 7/2016 - 20 years at			3.50%
\$19,200,000	New Bonds in 7/2018 - 20 years at			3.75%
\$14,500,000	New Bonds in 7/2020 - 20 years at			3.75%
\$26,200,000	New Bonds in 7/2022 - 20 years at			4.00%

"WATERFALL MODEL"

FYE	OUTSTANDING (excl CWF)			CWF (P+I)	Annual BANs for S.T. Projects						New 2016 Bonds			New 2018 Bonds		New 2018 Bonds		New 2020 Bonds		New 2020 Bonds		New 2022 Bonds		New 2022 Bonds		Total All	Annual Change	FYE
											22,500,000	Total				19,200,000	Total											
	Principal	Interest	Total P+I		BAN Paydown	Issue Date	BAN Size	Net Interest	BAN Rate	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total			
06/30/14	12,975,000	7,961,336	20,936,336	2,037,286	4,663,650	7/15/2012	12,135,000	20,431	0.17%	20,431	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,657,703		06/30/14	
06/30/15	14,780,000	7,489,181	22,269,181	2,032,266	2,986,950	7/15/2013	20,266,000	34,662	0.17%	34,662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27,323,059	(334,644)	06/30/15	
06/30/16	15,175,000	7,126,324	22,301,324	2,016,155	314,732	7/15/2014	14,030,000	16,306	0.12%	16,306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,648,517	(2,674,542)	06/30/16	
06/30/17	15,060,000	6,491,855	21,551,855	1,927,850	1,991,865	7/15/2015	34,232,367	342,324	1.00%	342,324	-	393,750	393,750	-	-	-	-	-	-	-	-	-	-	-	26,207,643	1,559,126	06/30/17	
06/30/18	15,185,000	5,893,330	21,078,330	1,890,395	2,428,569	7/15/2016	22,876,057	228,761	1.00%	228,761	1,125,000	767,813	1,892,813	-	-	-	-	-	-	-	-	-	-	-	27,518,867	1,311,224	06/30/18	
06/30/19	14,475,000	5,199,768	19,674,768	1,777,556	1,670,263	7/15/2017	26,637,977	266,380	1.00%	266,380	1,125,000	728,438	1,853,438	-	360,000	360,000	-	-	-	-	-	-	-	-	25,602,404	(1,916,463)	06/30/19	
06/30/20	14,660,000	4,526,155	19,186,155	1,768,040	3,023,389	7/15/2018	19,319,646	193,196	1.00%	193,196	1,125,000	689,063	1,814,063	-	720,000	720,000	-	-	-	-	-	-	-	-	26,704,843	1,102,439	06/30/20	
06/30/21	14,685,000	3,867,761	18,552,761	1,768,040	7,963,061	7/15/2019	22,908,864	229,089	1.00%	229,089	1,125,000	649,688	1,774,688	1,010,526	701,053	1,711,579	-	271,875	271,875	-	-	-	-	-	32,271,092	5,566,249	06/30/21	
06/30/22	14,740,000	3,242,014	17,982,014	1,768,040	6,853,191	7/15/2020	14,522,377	145,224	1.00%	145,224	1,125,000	610,313	1,735,313	1,010,526	663,158	1,673,684	725,000	530,156	1,255,156	-	-	-	-	-	31,412,622	(858,470)	06/30/22	
06/30/23	12,835,000	2,684,836	15,519,836	147,337	3,278,097	7/15/2021	17,965,486	179,655	1.00%	179,655	1,125,000	570,938	1,695,938	1,010,526	625,263	1,635,789	725,000	502,969	1,227,969	-	491,250	491,250	-	-	24,175,871	(7,236,752)	06/30/23	
06/30/24	9,575,000	2,181,053	11,756,053		4,943,615	7/15/2022	15,000,000	150,000	1.00%	150,000	1,125,000	531,563	1,656,563	1,010,526	587,368	1,597,895	725,000	475,781	1,200,781	1,310,000	957,938	2,267,938	-	-	23,572,843	(603,028)	06/30/24	
06/30/25	9,640,000	1,830,600	11,470,600		3,000,000	7/15/2023	15,000,000	150,000	1.00%	150,000	1,125,000	492,188	1,617,188	1,010,526	549,474	1,560,000	725,000	448,594	1,173,594	1,310,000	908,813	2,218,813	-	-	21,190,194	(2,382,649)	06/30/25	
06/30/26	9,720,000	1,460,069	11,180,069		3,000,000	7/15/2024	15,000,000	150,000	1.00%	150,000	1,125,000	452,813	1,577,813	1,010,526	511,579	1,522,105	725,000	421,406	1,146,406	1,310,000	859,688	2,169,688	-	-	20,746,080	(444,114)	06/30/26	
06/30/27	7,240,000	1,129,363	8,369,363		3,000,000	7/15/2025	15,000,000	150,000	1.00%	150,000	1,125,000	413,438	1,538,438	1,010,526	473,684	1,484,211	725,000	394,219	1,119,219	1,310,000	810,563	2,120,563	-	-	17,781,792	(2,964,288)	06/30/27	
06/30/28	7,315,000	846,459	8,161,459		3,000,000	7/15/2026	15,000,000	150,000	1.00%	150,000	1,125,000	374,063	1,499,063	1,010,526	435,789	1,446,316	725,000	367,031	1,092,031	1,310,000	761,438	2,071,438	-	-	17,420,306	(361,485)	06/30/28	
06/30/29	5,725,000	593,906	6,318,906		3,000,000	7/15/2027	15,000,000	150,000	1.00%	150,000	1,125,000	334,688	1,459,688	1,010,526	397,895	1,408,421	725,000	339,844	1,064,844	1,310,000	712,313	2,022,313	-	-	15,424,171	(1,996,135)	06/30/29	
06/30/30	4,075,000	407,313	4,482,313		3,000,000	7/15/2028	10,000,000	100,000	1.00%	100,000	1,125,000	295,313	1,420,313	1,010,526	360,000	1,370,526	725,000	312,656	1,037,656	1,310,000	663,188	1,973,188	-	-	13,383,995	(2,040,176)	06/30/30	
06/30/31	4,075,000	261,938	4,336,938		3,000,000	7/15/2029	10,000,000	100,000	1.00%	100,000	1,125,000	255,938	1,380,938	1,010,526	322,105	1,332,632	725,000	285,469	1,010,469	1,310,000	614,063	1,924,063	-	-	13,085,038	(298,957)	06/30/31	
06/30/32	2,575,000	154,328	2,729,328		3,000,000	7/15/2030	5,000,000	50,000	1.00%	50,000	1,125,000	216,563	1,341,563	1,010,526	284,211	1,294,737	725,000	258,281	983,281	1,310,000	564,938	1,874,938	-	-	11,273,846	(1,811,192)	06/30/32	
06/30/33	2,575,000	76,359	2,651,359		3,000,000	7/15/2031	5,000,000	50,000	1.00%	50,000	1,125,000	177,188	1,302,188	1,010,526	246,316	1,256,842	725,000	231,094	956,094	1,310,000	515,813	1,825,813	-	-	11,042,295	(231,551)	06/30/33	
06/30/34	575,000	28,031	603,031		3,000,000	7/15/2032	5,000,000	50,000	1.00%	50,000	1,125,000	137,813	1,262,813	1,010,526	208,421	1,218,947	725,000	203,906	928,906	1,310,000	466,688	1,776,688	-	-	8,840,385	(2,201,910)	06/30/34	
06/30/35	575,000	9,344	584,344		3,000,000	7/15/2033				0	1,125,000	98,438	1,223,438	1,010,526	170,526	1,181,053	725,000	176,719	901,719	1,310,000	417,563	1,727,563	-	-	8,618,115	(222,270)	06/30/35	
06/30/36	-	-	-		3,000,000	7/15/2034				0	1,125,000	59,063	1,184,063	1,010,526	132,632	1,143,158	725,000	149,531	874,531	1,310,000	368,438	1,678,438	-	-	7,880,189	(737,926)	06/30/36	
06/30/37	-	-	-		3,000,000	7/15/2035				0	1,125,000	19,688	1,144,688	1,010,526	94,737	1,105,263	725,000	122,344	847,344	1,310,000	319,313	1,629,313	-	-	7,726,607	(153,582)	06/30/37	
06/30/38	-	-	-		-	-	-	-	-	0	-	-	-	-	1,010,526	56,842	1,067,368	725,000	95,156	820,156	1,310,000	270,188	1,580,188	-	-	3,467,712	(4,258,895)	06/30/38
06/30/39	-	-	-		-	-	-	-	-	0	-	-	-	-	1,010,526	18,947	1,029,474	725,000	67,969	792,969	1,310,000	221,063	1,531,063	-	-	3,353,505	(114,207)	06/30/39
06/30/40	-	-	-		-	-	-	-	-	0	-	-	-	-	-	-	-	725,000	40,781	765,781	1,310,000	171,938	1,481,938	-	-	2,247,719	(1,105,786)	06/30/40
06/30/41	-	-	-		-	-	-	-	-	0	-	-	-	-	-	-	-	725,000	13,594	738,594	1,310,000	122,813	1,432,813	-	-	2,171,406	(76,313)	06/30/41
06/30/42	-	-	-		-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	1,310,000	73,688	1,383,688	-	-	1,383,688	(787,719)	06/30/42
06/30/43	-	-	-		-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-	1,310,000	24,563	1,334,563	-	-	1,334,563	(49,125)	06/30/43
Totals.....	208,235,000	63,461,322	271,696,322	17,132,964	79,117,381			2,906,026		2,906,026	22,500,000	8,268,750	30,768,750	19,200,000	7,920,000	27,120,000	14,500,000	5,709,375	20,209,375	26,200,000	10,316,250	36,516,250	485,467,069					

Town of Fairfield
Comparison of Debt Service Projections of January 2014 Capital Plan versus January 2015 Capital Plan

<u>Fiscal</u> <u>Year Ending</u>	<u>January 2014 Capital Plan</u> <u>Full Request</u>	<u>January 2015 Capital Plan</u> <u>Full Request</u>	<u>\$ Difference</u>
6/30/2014	\$27,657,703	\$27,657,703	(\$0)
6/30/2015	\$27,471,261	\$27,323,059	(\$148,202)
6/30/2016	\$25,374,751	\$24,648,517	(\$726,234)
6/30/2017	\$26,800,616	\$26,207,643	(\$592,973)
6/30/2018	\$27,944,747	\$27,518,867	(\$425,880)
6/30/2019	\$25,972,622	\$25,602,404	(\$370,218)
6/30/2020	\$29,062,055	\$26,704,843	(\$2,357,212)
6/30/2021	\$29,255,429	\$32,271,092	\$3,015,663
6/30/2022	\$28,738,499	\$31,412,622	\$2,674,123
6/30/2023	\$24,560,889	\$24,175,871	(\$385,018)
Subtotal:	\$272,838,572	\$273,522,620	\$684,048
FY 2024 - FY 2033	\$171,431,918	\$164,920,561	(\$6,511,357)
FY 2034 - FY 2043	\$49,880,650	\$47,023,888	(\$2,856,762)
Subtotal:	\$221,312,568	\$211,944,449	(\$9,368,119)
Total:	\$494,151,140	\$485,467,069	(\$8,684,071)

Schedule of Total Capital Project Projections and Reimbursements for Fiscal Years 2014 Through 2023

	<u>January 2014 Capital Plan</u>	<u>January 2015 Capital Plan</u>	<u>\$ Difference</u>
Capital Projects:	\$98,175,089	\$115,434,867	\$17,259,778
Non-Recurring:	\$23,247,536	\$39,985,934	\$16,738,398
Reimbursements:	-\$23,885,816	-\$33,250,562	(\$9,364,746)
Total:	\$97,536,809	\$122,170,239	\$24,633,430

NON-RECURRING CAPITAL
SECTION 3
BOND RESOLUTIONS
AS AMENDED 1-21-2015

01-28-2015

A RESOLUTION APPROPRIATING \$755,000 FOR THE COSTS OF CERTAIN NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Seven Hundred Fifty-five Thousand and 00/100 (\$755,000.00) Dollars to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the "Projects"), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-2 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Seven Hundred Fifty-five Thousand and 00/100 (\$755,000.00) Dollars and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form

and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than five (5) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than five (5) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond

anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A**TO**

**A RESOLUTION APPROPRIATING \$755,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	IT	Cluster Replacement - ECC	\$105,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$105,000
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
2	FFLD. LUDLOWE HIGH	Replace Artificial Turf Field	\$650,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$650,000
	TOTAL		\$755,000

A RESOLUTION APPROPRIATING \$404,000 FOR THE COSTS OF CERTAIN NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Four Hundred and Four Thousand and 00/100 (\$404,000.00) Dollars to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the "Projects"), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-2 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Four Hundred and Four Thousand and 00/100 (\$404,000.00) Dollars and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form

and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than fifteen (15) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than fifteen (15) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond

anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A**TO**

**A RESOLUTION APPROPRIATING \$404,000 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	DPW	6-Wheel Asphalt Truck	\$224,000
2	DPW	Payloader	\$180,000
	TOTAL NON-RECURRING CAPITAL:		\$404,000

A RESOLUTION APPROPRIATING \$5,204,342 FOR THE COSTS OF CERTAIN NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates the sum of Five Million Two Hundred and Four Thousand Three Hundred Forty-two and 00/100 (\$5,204,342.00) Dollars to fund all costs associated with the nonrecurring capital projects described on **Exhibit A** attached hereto, inclusive of planning, design and engineering fees, other professional fees, demolition, construction and oversight costs and temporary and permanent financing costs (collectively, the "Projects"), in the amount of such appropriation allocated to each Project as set forth in **Exhibit A**. Any reallocation of unused bond proceeds from one project category listed as items 1-10 on **Exhibit A** to a different project category listed on **Exhibit A** that would cause the cost of such project to exceed the cost listed on **Exhibit A** shall require approval by the Board of Selectmen, Board of Finance, and the Representative Town Meeting.
2. To finance such appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Five Million Two Hundred and Four Thousand Three Hundred Forty-two and 00/100 (\$5,204,342.00) Dollars and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the appropriation for the Projects.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), Chapter 173 (School Building Projects) and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under

rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years from the date of issue. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.
6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the

laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.

7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Projects from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman, Fiscal Officer and Town Treasurer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman or other proper Town official is hereby authorized to apply for and accept any available State or Federal grant in aid of the financing of any Project, and to take all action necessary and proper in connection therewith.

EXHIBIT A**TO****A RESOLUTION APPROPRIATING \$5,204,342 FOR THE COSTS OF CERTAIN
NONRECURRING CAPITAL PROJECTS AND AUTHORIZING THE ISSUANCE OF
BONDS TO FINANCE SUCH APPROPRIATION**

TOWN OF FAIRFIELD			
	<u>TOWN</u>		
	<u>Department</u>	<u>Project</u>	<u>Project Amount</u>
1	DPW	Pine Creek Dike Study	\$350,000
2	DPW	Main Library HVAC	\$250,000
3	DPW	Valley Road Bridge	\$220,000
4	DPW	Tunxis Hill Butler Building	\$350,000
5	DPW	Commerce Drive Bridge Design	\$200,000
6	DPW	Burr Mansion Improvements	\$150,000
7	PARK & REC	Golf Course Renovation	\$100,000
8	FIRE	Pumper	\$600,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$2,220,000
	<u>BOARD OF EDUCATION</u>		
	<u>School</u>	<u>Project</u>	<u>Project Amount</u>
9	DWIGHT	Partial Roof Replacement	\$1,232,342
10	SYSTEMWIDE	Security & Safety Infrastructure	\$1,752,000
	SUBTOTAL NON- RECURRING CAPITAL:		\$2,984,342
	TOTAL		\$5,204,342

NON-RECURRING CAPITAL
SECTION 4
AMENDMENTS FROM
01-21-2015 MEETING

01-28-2015

**BOARD OF SELECTMEN MEETING 01-21-2015
NON-RECURRING CAPITAL AMENDMENTS
FISCAL YEAR 2015/2016**

	Project	Presented	Proposed Reduction	Amended Amount	Tetreau	Kiley	Marmion	Vote
TOWN	Road Paving Fund	\$1,000,000	(\$1,000,000)	\$0	Y	Y	Y	3-0-0
TOWN	10-Wheel Dump Truck	\$228,000	(\$228,000)	\$0	N	Y	Y	2-1-0
TOWN	Gould Manor Pond Dredging	\$275,000	(\$275,000)	\$0	Y	Y	Y	3-0-0
TOWN	6-Wheel All-Season Dump Truck	\$200,000	(\$200,000)	\$0	Y	Y	Y	3-0-0
TOWN	Independence Hall Energy Upgrades	\$300,000	(\$300,000)	\$0	Y	Y	Y	3-0-0
BOE	Jennings Boilers	\$382,000	(\$382,000)	\$0	Y	N	Y	2-1-0
BOE	Security & Infrastructure	\$3,222,428	(\$1,470,428)	\$1,752,000	Y	Y	Y	3-0-0
TOTAL		\$5,607,428	(\$3,855,428)	\$1,752,000	6-1-0	6-1-0	7-0-0	

TOWN OF FAIRFIELD
NON-RECURRING CAPITAL PROJECTS AND ASSOCIATED BOND ISSUANCE
JANUARY 21, 2015 BOARD OF SELECTMEN MEETING
FISCAL YEAR 2015/2016

TOWN

Department	Project	5 Year Bond		15 Year Bond		20 Year Bond		TOTAL		
		PRESENTED BY DEPT.	PROPOSED BY BOS	PRESENTED BY DEPT.	PROPOSED BY BOS	PRESENTED BY DEPT.	PROPOSED BY BOS	PRESENTED BY DEPT.	PROPOSED BY BOS	DIFFERENCE
		Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount
DPW	Pine Creek Dike Study					\$350,000	\$350,000	\$350,000	\$350,000	\$0
DPW	Main Library HVAC					\$250,000	\$250,000	\$250,000	\$250,000	\$0
DPW	Road Paving Fund	\$1,000,000	\$0					\$1,000,000	\$0	(\$1,000,000)
DPW	Valley Road Bridge					\$220,000	\$220,000	\$220,000	\$220,000	\$0
DPW	6-Wheel Asphalt Truck			\$224,000	\$224,000			\$224,000	\$224,000	\$0
DPW	10-Wheel Dump Truck			\$228,000	\$0			\$228,000	\$0	(\$228,000)
DPW	Payloader			\$180,000	\$180,000			\$180,000	\$180,000	\$0
DPW	Gould Manor Pond Dredging					\$275,000	\$0	\$275,000	\$0	(\$275,000)
DPW	6-Wheel All-Season Dump Truck			\$200,000	\$0			\$200,000	\$0	(\$200,000)
DPW	Independence Hall Energy Upgrades					\$300,000	\$0	\$300,000	\$0	(\$300,000)
DPW	Tunxis Hill Butler Building					\$350,000	\$350,000	\$350,000	\$350,000	\$0
DPW	Commerce Drive Bridge Design					\$200,000	\$200,000	\$200,000	\$200,000	\$0
DPW	Burr Mansion Improvements					\$150,000	\$150,000	\$150,000	\$150,000	\$0
PARK & REC	Golf Course Renovation					\$100,000	\$100,000	\$100,000	\$100,000	\$0
FIRE	Pumper					\$600,000	\$600,000	\$600,000	\$600,000	\$0
IT	Cluster Replacement - ECC	\$105,000	\$105,000					\$105,000	\$105,000	\$0
SUBTOTAL NON-RECURRING CAPITAL - TOWN:		\$1,105,000	\$105,000	\$832,000	\$404,000	\$2,795,000	\$2,220,000	\$4,732,000	\$2,729,000	(\$2,003,000)

BOARD OF EDUCATION

School	Project	5 Year Bond		15 Year Bond		20 Year Bond		TOTAL		
		PRESENTED BY DEPT.	PROPOSED BY BOS	PRESENTED BY DEPT.	PROPOSED BY BOS	PRESENTED BY DEPT.	PROPOSED BY BOS	PRESENTED BY DEPT.	PROPOSED BY BOS	DIFFERENCE
		Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount	Project Amount
DWIGHT	Partial Roof Replacement					\$1,232,342	\$1,232,342	\$1,232,342	\$1,232,342	\$0
JENNINGS ELEM.	Replace Two 1966 Boilers					\$382,000	\$0	\$382,000	\$0	(\$382,000)
FFLD. LUDLOWE HIGH	Replace Artificial Turf Field	\$650,000	\$650,000					\$650,000	\$650,000	\$0
SYSTEMWIDE	Security & Safety Infrastructure					\$3,222,428	\$1,752,000	\$3,222,428	\$1,752,000	(\$1,470,428)
SUBTOTAL NON-RECURRING CAPITAL - BOE:		\$650,000	\$650,000	\$0	\$0	\$4,836,770	\$2,984,342	\$5,486,770	\$3,634,342	(\$1,852,428)

GRAND TOTAL NON-RECURRING CAPITAL:	\$1,755,000	\$755,000	\$832,000	\$404,000	\$7,631,770	\$5,204,342	\$10,218,770	\$6,363,342	(\$3,855,428)
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BOND RESOLUTIONS - SUMMARY

	<u>PRESENTED BY DEPT</u>			<u>PROPOSED BY BOS</u>			<u>DIFFERENCE</u>
	<u>TOWN</u>	<u>BOE</u>	<u>TOTAL</u>	<u>TOWN</u>	<u>BOE</u>	<u>TOTAL</u>	
5 Year Bond	\$1,105,000	\$650,000	\$1,755,000	\$105,000	\$650,000	\$755,000	(\$1,000,000)
15 Year Bond	\$832,000	\$0	\$832,000	\$404,000	\$0	\$404,000	(\$428,000)
20 Year Bond	\$2,795,000	\$4,836,770	\$7,631,770	\$2,220,000	\$2,984,342	\$5,204,342	(\$2,427,428)
	<u>\$4,732,000</u>	<u>\$5,486,770</u>	<u>\$10,218,770</u>	<u>\$2,729,000</u>	<u>\$3,634,342</u>	<u>\$6,363,342</u>	<u>(\$3,855,428)</u>

Town of Fairfield, CT

All Bonded Debt - Post July 2014 Issue
Including 2015-2022 Bond Scenarios

Bond Details				Rate
\$20,800,000	New Bonds in 7/2016	- 20 years at		3.50%
\$18,400,000	New Bonds in 7/2018	- 20 years at		3.75%
\$16,000,000	New Bonds in 7/2020	- 20 years at		3.75%
\$27,650,000	New Bonds in 7/2022	- 20 years at		4.00%

"WATERFALL MODEL"

FYE	OUTSTANDING (excl CWF)			CWF (P+I)	Annual BANs for S.T. Projects						New 2016 Bonds						New 2018 Bonds						New 2020 Bonds						New 2022 Bonds			Total All	Annual Change	FYE
											20,800,000						18,400,000						16,000,000						27,650,000					
	Principal	Interest	Total P+I		BAN Paydown	Issue Date	BAN Size	Net Interest	BAN Rate	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Principal	Interest	Total	Total All	Annual Change	FYE									
06/30/14	12,975,000	7,961,336	20,936,336	2,037,286	4,663,650	7/15/2012	12,135,000	20,431	0.17%	20,431	-	-	-	-	-	-	-	-	-	-	-	-	27,657,703		06/30/14									
06/30/15	14,780,000	7,489,181	22,269,181	2,032,266	2,986,950	7/15/2013	20,266,000	34,662	0.17%	34,662	-	-	-	-	-	-	-	-	-	-	-	-	27,323,059	(334,644)	06/30/15									
06/30/16	15,175,000	7,126,324	22,301,324	2,016,155	314,732	7/15/2014	14,030,000	16,306	0.12%	16,306	-	-	-	-	-	-	-	-	-	-	-	-	24,648,517	(2,674,542)	06/30/16									
06/30/17	15,060,000	6,491,855	21,551,855	1,927,850	1,991,865	7/15/2015	32,013,153	320,132	1.00%	320,132		364,000	364,000	-	-	-	-	-	-	-	-	-	26,155,701	1,507,184	06/30/17									
06/30/18	15,185,000	5,893,330	21,078,330	1,890,395	2,428,569	7/15/2016	20,935,629	209,356	1.00%	209,356	1,040,000	709,800	1,749,800	-	-	-	-	-	-	-	-	-	27,356,450	1,200,749	06/30/18									
06/30/19	14,475,000	5,199,768	19,674,768	1,777,556	1,543,017	7/15/2017	24,697,549	246,975	1.00%	246,975	1,040,000	673,400	1,713,400	-	345,000	345,000	-	-	-	-	-	-	25,300,716	(2,055,734)	06/30/19									
06/30/20	14,660,000	4,526,155	19,186,155	1,768,040	2,825,082	7/15/2018	18,306,464	183,065	1.00%	183,065	1,040,000	637,000	1,677,000	-	690,000	690,000	-	-	-	-	-	-	26,329,342	1,028,626	06/30/20									
06/30/21	14,685,000	3,867,761	18,552,761	1,768,040	5,601,570	7/15/2019	22,093,989	220,940	1.00%	220,940	1,040,000	600,600	1,640,600	968,421	671,842	1,640,263	-	300,000	300,000	-	-	-	29,724,174	3,394,832	06/30/21									
06/30/22	14,740,000	3,242,014	17,982,014	1,768,040	5,630,284	7/15/2020	14,568,993	145,690	1.00%	145,690	1,040,000	564,200	1,604,200	968,421	635,526	1,603,947	800,000	585,000	1,385,000	-	-	-	30,119,176	395,001	06/30/22									
06/30/23	12,835,000	2,684,836	15,519,836	147,337	3,278,097	7/15/2021	19,235,009	192,350	1.00%	192,350	1,040,000	527,800	1,567,800	968,421	599,211	1,567,632	800,000	555,000	1,355,000	-	518,438	518,438	24,146,489	(5,972,686)	06/30/23									
06/30/24	9,575,000	2,181,053	11,756,053		4,943,615	7/15/2022	15,000,000	150,000	1.00%	150,000	1,040,000	491,400	1,531,400	968,421	562,895	1,531,316	800,000	525,000	1,325,000	1,382,500	1,010,953	2,393,453	23,630,836	(515,653)	06/30/24									
06/30/25	9,640,000	1,830,600	11,470,600		3,000,000	7/15/2023	15,000,000	150,000	1.00%	150,000	1,040,000	455,000	1,495,000	968,421	526,579	1,495,000	800,000	495,000	1,295,000	1,382,500	959,109	2,341,609	21,247,209	(2,383,627)	06/30/25									
06/30/26	9,720,000	1,460,069	11,180,069		3,000,000	7/15/2024	15,000,000	150,000	1.00%	150,000	1,040,000	418,600	1,458,600	968,421	490,263	1,458,684	800,000	465,000	1,265,000	1,382,500	907,266	2,289,766	20,802,119	(445,091)	06/30/26									
06/30/27	7,240,000	1,129,363	8,369,363		3,000,000	7/15/2025	15,000,000	150,000	1.00%	150,000	1,040,000	382,200	1,422,200	968,421	453,947	1,422,368	800,000	435,000	1,235,000	1,382,500	855,422	2,237,922	17,836,853	(2,965,266)	06/30/27									
06/30/28	7,315,000	846,459	8,161,459		3,000,000	7/15/2026	15,000,000	150,000	1.00%	150,000	1,040,000	345,800	1,385,800	968,421	417,632	1,386,053	800,000	405,000	1,205,000	1,382,500	803,578	2,186,078	17,474,390	(362,463)	06/30/28									
06/30/29	5,725,000	593,906	6,318,906		3,000,000	7/15/2027	15,000,000	150,000	1.00%	150,000	1,040,000	309,400	1,349,400	968,421	381,316	1,349,737	800,000	375,000	1,175,000	1,382,500	751,734	2,134,234	15,477,277	(1,997,113)	06/30/29									
06/30/30	4,075,000	407,313	4,482,313		3,000,000	7/15/2028	10,000,000	100,000	1.00%	100,000	1,040,000	273,000	1,313,000	968,421	345,000	1,313,421	800,000	345,000	1,145,000	1,382,500	699,891	2,082,391	13,436,124	(2,041,153)	06/30/30									
06/30/31	4,075,000	261,938	4,336,938		3,000,000	7/15/2029	10,000,000	100,000	1.00%	100,000	1,040,000	236,600	1,276,600	968,421	308,684	1,277,105	800,000	315,000	1,115,000	1,382,500	648,047	2,030,547	13,136,190	(299,935)	06/30/31									
06/30/32	2,575,000	154,328	2,729,328		3,000,000	7/15/2030	5,000,000	50,000	1.00%	50,000	1,040,000	200,200	1,240,200	968,421	272,368	1,240,789	800,000	285,000	1,085,000	1,382,500	596,203	1,978,703	11,324,021	(1,812,169)	06/30/32									
06/30/33	2,575,000	76,359	2,651,359		3,000,000	7/15/2031	5,000,000	50,000	1.00%	50,000	1,040,000	163,800	1,203,800	968,421	236,053	1,204,474	800,000	255,000	1,055,000	1,382,500	544,359	1,926,859	11,091,492	(232,528)	06/30/33									
06/30/34	575,000	28,031	603,031		3,000,000	7/15/2032	5,000,000	50,000	1.00%	50,000	1,040,000	127,400	1,167,400	968,421	199,737	1,168,158	800,000	225,000	1,025,000	1,382,500	492,516	1,875,016	8,888,605	(2,202,888)	06/30/34									
06/30/35	575,000	9,344	584,344		3,000,000	7/15/2033				0	1,040,000	91,000	1,131,000	968,421	163,421	1,131,842	800,000	195,000	995,000	1,382,500	440,672	1,823,172	8,665,358	(223,247)	06/30/35									
06/30/36	-	-	-		3,000,000	7/15/2034				0	1,040,000	54,600	1,094,600	968,421	127,105	1,095,526	800,000	165,000	965,000	1,382,500	388,828	1,771,328	7,926,454	(738,903)	06/30/36									
06/30/37	-	-	-		3,000,000	7/15/2035				0	1,040,000	18,200	1,058,200	968,421	90,789	1,059,211	800,000	135,000	935,000	1,382,500	336,984	1,719,484	7,771,895	(154,560)	06/30/37									
06/30/38	-	-	-		0					0	-	-	-	968,421	54,474	1,022,895	800,000	105,000	905,000	1,382,500	285,141	1,667,641	3,595,535	(4,176,360)	06/30/38									
06/30/39	-	-	-		0					0	-	-	-	968,421	18,158	986,579	800,000	75,000	875,000	1,382,500	233,297	1,615,797	3,477,376	(118,160)	06/30/39									
06/30/40	-	-	-		0					0	-	-	-	-	-	-	800,000	45,000	845,000	1,382,500	181,453	1,563,953	2,408,953	(1,068,423)	06/30/40									
06/30/41	-	-	-		0					0	-	-	-	-	-	-	800,000	15,000	815,000	1,382,500	129,609	1,512,109	2,327,109	(81,844)	06/30/41									
06/30/42	-	-	-		0					0	-	-	-	-	-	-	-	-	-	1,382,500	77,766	1,460,266	1,460,266	(866,844)	06/30/42									
06/30/43	-	-	-		0					0	-	-	-	-	-	-	-	-	-	1,382,500	25,922	1,408,422	1,408,422	(51,844)	06/30/43									
Totals.....	208,235,000	63,461,322	271,696,322	17,132,964	75,207,430			2,839,907		2,839,907	20,800,000	7,644,000	28,444,000	18,400,000	7,590,000	25,990,000	16,000,000	6,300,000	22,300,000	27,650,000	10,887,188	38,537,188	482,147,811											

A RESOLUTION APPROPRIATING AN ADDITIONAL \$812,172 FOR COSTS ASSOCIATED WITH CERTAIN PROJECTS AT OSBORN HILL ELEMENTARY SCHOOL AND AUTHORIZING THE ISSUANCE OF BONDS TO FINANCE SUCH APPROPRIATION.

WHEREAS, the Representative Town Meeting on January 28, 2012 adopted a bonding resolution (the "Resolution") appropriating \$4,195,013.00 for costs associated the remediation of Osborn Hill Elementary School relating to the discovery of PCB (polychlorinated biphenyls), restoration of damage resulting from remediation, the replacement of windows and doors, abatement of contamination, renovation of the gym, enclosing a walkway and other costs associated with the discovery of PCBs, including engineering, testing, design, administrative, legal and financing costs(the "Project"); and

WHEREAS, it has been determined that the amount appropriated in the Resolution is not sufficient to complete the Project and that based on present estimates an additional appropriation and authorization of Eight Hundred Twelve Thousand One Hundred Seventy-Two and 00/100 Dollars (\$812,172.00) is necessary to complete the Project, which appropriation would bring the total amount appropriated for the Project to \$5,007,185.00; and

WHEREAS, it is in the interest of the Town to complete the Project; and

NOW, THEREFORE, it is

Resolved:

1. As recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield hereby appropriates an additional sum of Eight Hundred Twelve Thousand One Hundred Seventy-Two and 00/100 Dollars (\$812,172.00) for the costs associated with the completion of the Project.
2. To finance such remaining appropriation, and as recommended by the Board of Finance and the Board of Selectmen, the Town of Fairfield shall borrow a sum not to exceed Eight Hundred Twelve Thousand One Hundred Seventy-two and 00/100 Dollars (\$812,172.00) and issue bonds/bond anticipation notes for such indebtedness under its corporate name and seal and upon the full faith and credit of the Town in an amount not to exceed said sum for the purpose of financing the additional appropriation for the Project.
3. The Board of Selectmen, the Treasurer and the Fiscal Officer of the Town are hereby appointed a committee (the "Committee") with full power and authority to cause said bonds to be sold, issued and delivered; to determine their form and terms, including provision for redemption prior to maturity; to determine the aggregate principal amount

thereof within the amount hereby authorized and the denominations and maturities thereof; to fix the time of issue of each series thereof and the rate or rates of interest thereon as herein provided; to determine whether the interest rate on any series will be fixed or variable and to determine the method by which the variable rate will be determined, the terms of conversion, if any, from one interest rate mode to another or from fixed to variable; to set whatever other terms of the bonds they deem necessary, desirable or appropriate; to designate the bank or trust company to certify the issuance thereof and to act as transfer agent, paying agent and as registrar for the bonds, and to designate bond counsel. The Committee shall have all appropriate powers under the Connecticut General Statutes, including Chapter 748 (Registered Public Obligations Act), and Chapter 109 (Municipal Bond Issues) to issue, sell and deliver the bonds and, further, shall have full power and authority to do all that is required under the Internal Revenue Code of 1986, as amended, and under rules of the Securities and Exchange Commission, and other applicable laws and regulations of the United States, to provide for issuance of the bonds in tax exempt form and to meet all requirements which are or may become necessary in and subsequent to the issuance and delivery of the bonds in order that the interest on the bonds be and remain exempt from Federal income taxes, including, without limitation, to covenant and agree to restriction on investment yield of bond proceeds, rebate of arbitrage earnings, expenditure of proceeds within required time limitations, the filing of information reports as and when required, and the execution of Continuing Disclosure Agreements for the benefit of the holders of the bonds and notes.

4. The First Selectman and Treasurer or Fiscal Officer, on behalf of the Town, shall execute and deliver such bond purchase agreements, reimbursement agreements, line of credit agreement, credit facilities, remarketing agreement, standby marketing agreements, bond purchase agreement, standby bond purchase agreements, and any other commercially necessary or appropriate agreements which the Committee determines are necessary, appropriate or desirable in connection with or incidental to the sale and issuance of bonds, and if the Committee determines that it is necessary, appropriate, or desirable, the obligations under such agreements shall be secured by the Town's full faith and credit.
5. The bonds may be designated "Public Improvement Bonds," series of the year of their issuance and may be issued in one or more series, and may be consolidated as part of the same issue with other bonds of the Town; shall be in serial form maturing in not more than twenty (20) annual installments of principal, the first installment to mature not later than three (3) years from the date of issue and the last installment to mature not later than twenty (20) years therefrom. The bonds may be sold at an aggregate sales price of not less than par and accrued interest at public sale upon invitation for bids to the responsible bidder submitting the bid resulting in the lowest true interest cost to the Town, provided that nothing herein shall prevent the Town from rejecting all bids submitted in response to any one invitation for bids and the right to so reject all bids is hereby reserved, and further provided that the Committee may sell the bonds on a negotiated basis, as provided by statute. Interest on the bonds shall be payable semi-

annually or annually. The bonds shall be signed on behalf of the Town by at least a majority of the Board of Selectmen and the Treasurer, and shall bear the seal of the Town. The signing, sealing and certification of the bonds may be by facsimile as provided by statute.

6. The Committee is further authorized to make temporary borrowings as authorized by the General Statutes and to issue temporary notes of the Town in anticipation of the receipt of proceeds from the sale of the bonds to be issued pursuant to this resolution. Such notes shall be issued and renewed at such time and with such maturities, requirements and limitations as provided by the Connecticut General Statutes. Notes evidencing such borrowings shall be signed by the First Selectman and Treasurer or Fiscal Officer, have the seal of the Town affixed, which signing and sealing may be by facsimile as provided by statute, be certified by and payable at a bank or trust company incorporated under the laws of this or any other state, or of the United States, be approved as to their legality by bond counsel, and may be consolidated with the issuance of other Town bond anticipation notes. The Committee shall determine the date, maturity, interest rates, form and manner of sale, including negotiated sale, and other details of said notes consistent with the provisions of this resolution and the General Statutes and shall have all powers and authority as set forth above in connection with the issuance of bonds and especially with respect to compliance with the requirements of the Internal Revenue Code of 1986, as amended, and regulations thereunder in order to obtain and maintain issuance of the notes in tax exempt form.
7. Pursuant to Section 1.150-2, as amended, of the Federal Income Tax Regulations the Town hereby declares its official intent to reimburse expenditures (if any) paid for the Project from its General or Capital Funds, such reimbursement to be made from the proceeds of the sale of bonds and notes authorized herein and in accordance with the time limitations and other requirements of said regulations.
8. The First Selectman and Fiscal Officer are hereby authorized, on behalf of the Town, to enter into agreements or otherwise covenant for the benefit of bondholders to provide information on an annual or other periodic basis to the Municipal Securities Rulemaking Board (the "MSRB") and to provide notices to the MSRB of material events as enumerated in Securities and Exchange Commission Exchange Act Rule 15c2-12, as amended, as may be necessary, appropriate or desirable to effect the sale of the bonds and notes authorized by this resolution.
9. The Committee is hereby authorized to take all action necessary and proper for the sale, issuance and delivery of the bonds and notes in accordance with the provisions of the Connecticut General Statutes and the laws of the United States.
10. The First Selectman and other Town officials are authorized to seek grants and other contributions for the costs of the Project. Any such grants or other contribution received prior to the issuance of the Bonds authorized herein shall be applied to the costs of the Project or to pay at maturity the principal of any outstanding bond anticipation notes

issued pursuant to this Resolution and shall reduce the amount of the Bonds that can be issued pursuant to this Resolution. If such grants and other contributions are received after the issuance of the Bonds, they shall be applied to pay the Bonds or as otherwise authorized by the Board of Selectmen, Board of Finance and Representative Town Meeting provided such application does not adversely affect the tax exempt status of the Bonds.

REPRESENTATIVE TOWN MEETING JANUARY 28, 2013

Peter Ambrose, District 2 asked Ms. Kufferman about her architectural background. Ms. Kufferman indicated that her architectural background helped her in making decisions for the HDC.

VOTE: Ms. Kufferman was appointed to alternate member Historic District Commission by unanimous voice vote.

ITEM NO. 9 ON CALL: “RESOLVED, that the Bond Appropriation entitled, ‘A Resolution Appropriating \$4,195,013 for the Costs Associated with the Remediation of Osborn Hill Elementary School Relating to the Discovery of PCBs Contamination at the School and Authorizing the Issuance of Bonds to Finance Such Appropriation,’ consisting of three pages, a copy of which is attached hereto, be, and hereby is, approved.”

The Moderator moved this item as distributed with the Call, duly seconded.

**See Committee Reports Attached Hereto

MOTION: Mr. Bateson moved to amend the resolution by inserting a comma after PCBs and adding “and a walkway enclosure” after contamination, duly seconded.

VOTE: The motion to amend the resolution to read “Resolved, that the Bond Appropriation entitled, ‘A Resolution Appropriating \$4,195,013 for the Costs Associated with the Remediation of Osborn Hill Elementary School Relating to the Discovery of PCBs, Contamination, and a walkway enclosure at the School and Authorizing the Issuance of Bonds to Finance Such Appropriation,’ consisting of three pages, a copy of which is attached hereto, be, and hereby is, approved” was approved 45-0-1 (Garskof abstained).

Hal Schwartz, District 7 asked if this project will require code renovations and additional funding.

Bill Silver of Silver Petrucelli & Associates indicated they had completed a brief code study and do not expect any code impact. The design process will determine the fire impact when it goes to Town Code Review.

Josh Garskof, District 5 asked if there is no code issue because just a walkway is being enclosed.

Tom Cullen explained they had a discussion with the fire marshal who indicated they were more concerned with the close proximity of the canopy at Sherman while there is no such issue at Osborn.

Ann Stamler, District 5 asked if the glass enclosure will be bulletproof.

Mr. Silver explained that it is conventional glazing in aluminum frames and is not ballistic grade, but will provide protection from the elements.

Ms. Stamler asked if there are any significant surprises resulting in additional costs what will happen.

Dr. Title said this is all the money that’s budgeted for the project and if something substantial should arise it will not be part of the project.

Heather Dean, District 4 asked if there will be ventilation.

Mr. Silver indicated there will be ventilation at the eaves and roofline, but since it is not an occupied space heating is not automatically planned.

REPRESENTATIVE TOWN MEETING JANUARY 28, 2013

Marc Patten, District 7 what the fiscal impact would be doing the project now versus putting it off.

Mr. Cullen said the contractors will be onsite all at once and only one building permit would be issued.
Mr. Silver said there would be about a \$500 savings.

VOTE: The motion to approve the \$4,195,013 bond resolution, as amended, for the Osborn Hill School PCB project was approved by unanimous voice vote.

ITEM NO. 10 ON CALL: “RESOLVED, that the Bond Appropriation entitled, ‘A Resolution Appropriating \$5,155,700 for the Costs of Certain Projects to Restore Facilities Damaged by Hurricane Sandy and Authorizing the Issuance of Bonds to Finance Such Appropriation,’ consisting of three pages, a copy of which is attached hereto, be, and hereby is, approved.”

The Moderator moved this item as distributed with the Call, duly seconded.

**See Committee Reports Attached Hereto

Ed Bateson, District 3 explained that he had concerns about the public benefit of dredging Pine Creek channel, but he spoke with Representative Sundman who explained what they were. He also expressed his concerns about accepting federal funds for beach replenishment and whether it will change public access to our beaches. He does not want to hold up these projects but wants the Town to be cautious in accepting federal funds if this status will change.

First Selectman Tetreau concurred that this is a real concern that will be addressed.

Nick Mirabile, District 9 agreed that Jennings and Penfield beaches in particular are crowded and wants to keep our beaches available to be enjoyed by Fairfield residents.

Heather Dean, District 4 said she is particularly concerned about the safety of the rebuild of Penfield Pavilion. She asked if during the dredging of the harbor the minerals would be tested for contamination.

Public Works Director Joe Michelangelo explained that Southport Harbor was dredged five years ago and has filled again with sediment from Hurricane Sandy. Geoffrey Steadman the Town’s consultant had indicated to him that contamination should not be a concern.

Ms. Dean asked how much contamination from Exide affects Southport Harbor. Mr. Michelangelo explained that the Exide material is confined to the northern part of Mill River. Ms. Dean asked for assurance regarding contamination in the Harbor.

Mary VonConta, Harbor Management Commission Chair explained the sandbar is being excavated. It is pure, clean sand. The DEEP is not concerned; there is no lead or chromium. They are not digging up the bottom of the harbor.

Josh Garskof, District 5 asked if the Code had changed since Penfield Pavilion had been rebuilt.

Mr. Michelangelo said the flood zone change is effective May 2013.

Ian Bass, Lalley Blvd, felt that Penfield Pavilion should be rebuilt smaller and funds be made available to the residents who suffered damage from Hurricane Sandy.

Osborn Hill Elementary School
Project Accounting - 30 December 2014

Section	Supplier	Description	Total Expected Cost	Original Budget
51170	Various	Secretarial fees, bonding & misc costs	12,462.38	5,000
57020	Various	FF&E	45,461.48	-
57022	Various	Prior abatement costs	599,120.41	1,002,000
57022	AMC; AAIS; W&C	Hazmat test, monitor, abatement	233,017.82	178,000
57022	Mod Space	Lease modular gym	94,252.71	-
53300	Silver Petrucelli	Architectural & engineering services	100,420.00	132,975
53300	Nafis & Young Engineers	Owner's rep services	53,400.00	-
57016	Gennarini Construction & misc.	Replace windows & renovate gym	2,877,383.49	1,657,500
57025	Various	Emergency Costs	180,127.75	-
----	Various	Contingency	-	398,925
		Total	4,195,646.04	3,374,400
		Available Funding	4,195,013.00	
		Additional Funding Necessary	633.04	
		Additional Funding for Contingency	340,000.00	
		Additional Funding for Walkway	471,539.20	
		Total Additional Funding	812,172.24	

Osborn Hill Elementary School
Project Accounting - 30 December 2014

Project #222 080 10

Section	Supplier / Contractor	Purchase Order / Change Order	Purchase Description	Budget	(A) Original Committed Costs	(B) Actual & Pending COs	(C) Total Committed Costs	Invoice Number / Date	(D) Invoice Amount	Total Object / Provider	PO Balance to Complete
	Funding Appropriation			4,195,013							
51170 MiscCosts	Secretarial fees		minutes and agenda		1,400.00		1,400.00		1,400.00		-
			misc costs		11.29		11.29		11.29		-
			misc costs		1.09		1.09		1.09		-
			bond issuance costs		11,050.00		11,050.00		11,050.00	12,462.38	-
57020 FF&E	Various		modular classrooms		40,308.90		40,308.90		40,308.90		-
	Kloter Farms	13005659	storage shed		3,158.75	(140.00)	3,018.75	114170	3,018.75	-	-
	Wm B. Meyer	14002494	Rental - library carts			1,450.00	1,450.00	COM-1252-3/1	1,250.00		-
	"	"	"					COM-1252-3/2	200.00		-
	Universal Copy	15000194	printing plans & specs		683.83		683.83	33208	683.83	45,461.48	-
57022 Abatement	Various - Prior costs		abatement as of 7/12/13		599,120.41		599,120.41		599,120.41	599,120.41	-
	AMC Environmental	13003957	fence rental for hazmat dumpster			1,700.00	1,700.00	P021311	1,700.00		-
	"	13004143	quarterly inspection & reporting (by BOE)			7,850.00	7,850.00	P031302	7,850.00		-
	"	14000627	sampling and inspection for pcb		8,200.00		8,200.00	P061310	8,200.00		-
	"	14001594	"			3,800.00	3,800.00	P091331	3,800.00		-
	"	"	"			11,100.00	11,100.00	P101313	11,100.00		-
	"	14004037	PCB & mercury sampling			5,091.50	5,091.50	P031411	5,091.50		-
	"	"	PCB remediation plan & dwgs			10,200.00	10,200.00	P041407	10,200.00		-
	"	15000469	pcb & acm monitoring		18,635.00		18,635.00	P071422	18,635.00		-
	"	15002399	Addl pcb and acm monitoring & testing			29,418.75	29,418.75	P121411	29,418.75		-
	"	Pending	Addl pcb and acm monitoring & testing			103,350.00	103,350.00				103,350.00
	Indoor Air Technologies	13004142	duct cleaning			8,400.00	8,400.00	2839	8,400.00		-
	Woodard & Curran	13004167	environmental consulting			23,688.61	23,688.61	98595	16,745.44		-
	"	"	"					97939	6,482.34		460.83
	AAIS	13003883	clean rooms 107 & 108 (by BOE)		7,500.00	-	-	closed	-		-
	"	14004679	acm abatement		1,583.96		1,583.96	10873	1,583.96	233,017.82	-
57022	Mod Space	13003954	lease for temporary gym		14,000.00		14,000.00	500114178	2,000.00		
	"	"	"					500154144	2,000.00		
	"	"	"					500188556	2,000.00		
	"	"	"					500223413	2,000.00		
	"	"	"					500080495	2,000.00		
	"	"	"					500260462	2,000.00		
	"	"	"					500295219	2,000.00		-
	Mod Space	13003955	lease for temporary gym		22,248.00		22,248.00	106379578	2,014.08		
	"	"	"					500032236	2,014.08		
	"	"	"					500340601	2,000.00		
	"	"	"					500416302	2,000.00		
	"	"	"					500490926	2,000.00		
	"	"	"					500537183	2,000.00		
	"	"	"					500572811	2,000.00		
	"	"	"					500608565	2,000.00		
	"	"	"					500647292	2,000.00		
	"	"	"					500682190	2,000.00		
	"	"	"					500722141	2,000.00		
	"	"	"					500761625	220.24		(0.40)
	Mod Space	13401416	lease for temporary gym (by BOE)		incl w/BOE \$			various			
	Mod Space	15000018	lease for temporary gym		25,779.76		25,779.76	500761625	1,779.76		

	"	"	"	"	"				500799600	2,000.00		
	"	"	"	"	"				500739170	2,000.00		
	"	"	"	"	"				500880002	2,000.00		
	"	"	"	"	"				500922856	2,023.45		
	"	"	"	"	"				500965615	2,023.45		13,953.10
			Pending	Addl lease time & demobilization		32,224.95	32,224.95				94,252.71	32,224.95
53300	Silver Petrucelli Architects	13003958	conceptual planning & budgeting (by BOE)		4,000.00		4,000.00	13-114	4,000.00			-
A&E Svcs	Silver Petrucelli Architects	14000161	construction documents		33,700.00		33,700.00	13-1233	13,000.00			
	"	"	"	"				13-1603	10,350.00			
	"	"	"	"				13-1773	5,175.00			
	"	"	"	"				13-1907	4,140.00			
	"	"	"	"				13-2038	1,035.00			-
	"	"	"	bidding		2,400.00	2,400.00	14-792	1,800.00			600.00
	"	"	"	construction administration		13,000.00	13,000.00	14-1044	600.00			
	"	"	"	"				14-1254	1,950.00			
	"	"	"	"				14-1469	2,072.40			
	"	"	"	"				14-1686	2,072.40			
	"	"	"	"				14-1922	2,072.40			
	"	"	"	"				14-2102	2,072.40			
	"	"	"	"				14-2339	1,560.00			600.40
	"	"	"	reimbursable expenses (est)		4,000.00	4,000.00	13-1907	163.61			
	"	"	"	"				14-1254	202.39			3,634.00
	"	14001137	addl svc - PCB remediation design work			20,320.00	20,320.00	13-1907	15,287.50			
	"	"	"	"				13-2038	562.50			
	"	"	"	"				14-792	150.00			
	"	"	"	"				14-1044	50.00			
	"	"	"	"				14-1254	640.50			
	"	"	"	"				14-2339	512.40			3,117.10
		Pending	Addl A&E			23,000.00	23,000.00				100,420.00	23,000.00
	Nafis & Young Engineers	14004039	owner's rep services		30,400.00		30,400.00	148-14	1,080.00			
	"	"	"	"				206-14	4,760.00			
	"	"	"	"				257-14	5,640.00			
	"	"	"	"				182-14	1,200.00			
	"	"	"	"				272-14	3,280.00			
	"	"	"	"				335-14	2,440.00			
	"	"	"	"				377-14	3,240.00			8,760.00
		Pending	Addl owner's rep services			23,000.00	23,000.00				53,400.00	23,000.00
57016	TectaAmerica	14002495	skylight removal			1,285.32	1,285.32	S1020200	1,285.32			-
Construction	Gennarini Construction	15000195	replace windows and reno gym		2,733,350.00		2,733,350.00	1 @ 6/30/14	256,395.50			
	"	"	"	"				2 @ 7/31/14	146,347.50			
	"	"	"	"				3 @ 8/31/14	344,639.57			
	"	"	"	"				4 @ 9/30/14	112,557.79			
	"	"	"	"				5 @ 10/31/14	117,562.50			
	"	"	"	"				6 @ 11/30/14	53,533.45			
	"	"	"	"				incl	incl			
	"	"	"	"				incl	incl			1,710,067.07
	"	15001824	change order 001		(5,003.00)	(5,003.00)						5,244.00
	"	"	change order 002 net PO = \$7,753.38		12,756.38	12,756.38						(8,910.00)
		Pending	change order 003		5,244.00	5,244.00						242.00
		Pending	change order 004		(8,910.00)	(8,910.00)						4,385.00
		Pending	change order 005		242.00	242.00						992.31
		Pending	COR 006		4,385.00	4,385.00						28,086.10
		Pending	COR 007		992.31	992.31						18,214.00
		Pending	COR 008		28,086.10	28,086.10						(2,030.00)
		Pending	COR 009		18,214.00	18,214.00						32,195.68
		Pending	COR 010		(2,030.00)	(2,030.00)						27,600.00
		Pending	COR 011		32,195.68	32,195.68						
		Pending	COR 012		27,600.00	27,600.00						

57025 Emergency Costs		Pending	COR 013			20,995.70	20,995.70				20,995.70
	Special Testing Laboratories	15001882	inspection & materials testing		7,980.00		7,980.00			2,877,383.49	7,980.00
	AMC Environmental	14002137	PCB operations & maint inspection & lab			8,600.00	8,600.00	P091315	8,600.00		-
	" "	14002922	" " " "			11,000.00	11,000.00	P011402	11,000.00		-
	" "	14004038	" " " "			9,350.00	9,350.00	P031411	9,350.00		-
	" "	15000193	pcb operations & mtn inspection		10,450.00		10,450.00	P071408	10,450.00		-
	" "	15001072	cost for pcb and acm monitoring & lab		59,497.50		59,497.50	P091410	59,497.50		-
	" "	15001823	ntx cost for pcb and acm monitoring & lab		59,216.50		59,216.50	P111412	48,203.75		11,012.75
	Woodard & Curran	14001593	environmental consulting			6,977.50	6,977.50	99569	6,977.50		-
	AAIS	14001592	pcb install critical barriers			13,973.60	13,973.60	10552	13,973.60		-
	Fire Protection Testing, Inc.	14002921	cut & cap sprinkler			1,062.65	1,062.65	S42103	1,062.65	180,127.75	-
	Gennarini	Pending	covered walkway			447,000.00					
	Various	Pending	existing conditions / addl hazmat			340,000.00					
	Total - All Costs			4,195,013	3,711,674.99	1,278,471.05	4,195,646.04		2,126,871.45	4,195,646.04	2,068,774.59
Additional funding required		(without walkway or contingency)		633.04							
Project contingency @ 60% completion + additional change orders				340,000.00							
Walkway				471,539.20							
Total additional funding required				812,172							



NAFIS & YOUNG

Civil/Environmental Engineering & Surveying

BOS Backup - 01-28-2015 - Special

Leslie G. Nafis, P.E., L.S.

Allan S. Young, P.E.

James H. Galligan, P.E.

David L. Nafis, P.E., L.S.

Lawrence K. Secor, CHMM

January 23, 2015

Ms. Kim Marshall
Chairman, Osborn Hill School Building Committee
Town of Fairfield
Independence Hall
725 Old Post Road
Fairfield, CT 06824

Re: **BUDGET**: Osborn Hill Elementary School: Window & Door & Gym Renovations

Kim,

As we discussed since the meeting the following items have resulted in use of the original estimated project contingency.

1. The contract bid estimate for construction was \$2,520,174 and the actual bid was \$2,733,350: an increase of **\$213,176**
2. The contract bid estimate for environmental testing, design and construction administration (CA) was \$168,000 and the actual anticipated to the end of the project is \$306,959 an increase of **\$138,959** due to additional testing and monitoring for failures of clearance, discovery of additional hazardous materials and monitoring to the end of the project.
3. The actual construction bid of \$2,733,350 has increased to \$2,875,389 an increase of **\$142,039**. This increase was due to change orders that resulted from delays and unforeseen hazardous materials that required additional abatement.
4. The A/E construction design, bid and CA bid estimate was \$103,820 and has increased to \$151,978 an increase of **\$48,158**. This was due to hiring an Owners Construction Representative (OCR) and the additional costs for the Architect and the OCR due to project delays.
5. The modular gymnasium rental original bid estimate was \$16,000 but has increased to \$26,211 an increase of **\$10,211**. This was due initially to USEPA approval extending the project timeline and later coupled with the additional gymnasium abatement that also extended the project timeline.
6. The contract bid estimate for bid printing & legal was \$5,000 and has increased to \$13,146 an increase of **\$8,146**. The addition of \$11,050 in bonding costs was the reason the difference.

These increased costs reflect the contingency usage to date. The gymnasium abatement is scheduled to complete 2/4/2015 with gymnasium construction starting on 2/5/2015 weather permitting.

As the project still has 60% of the construction remaining and only \$34 left in contingency, the funding request of \$340,000 is to cover any unanticipated or unforeseen costs thru the end of the project in August 2015. If you have any questions, Please feel free to call me at 203 484-2793 ext. 19 or email me at larry.secor@nafisandyoung.com.

Sincerely,



Lawrence K. Secor, CHMM
Senior Environmental Project Manager



Osborn Hill Elementary School Project Accounting - 22 January 2015										
Project #222 080 10										
Supplier / Contractor	Purchase Order / Change Order	Purchase Description	Budget	(A) Original Committed Costs	(B) Actual & Pending COs	(C) Total Committed Costs	Invoice Number / Date	(D) Invoice Amount	Total Object / Provider	Category Sub-Totals
Funding Appropriation			4,195,013							
Secretarial fees		minutes and agenda misc costs		1,400.00 11.29		1,400.00 11.29		1,400.00 11.29		
		misc costs		1.09		1.09		1.09	1,412.38	
TBD		bond issuance costs		11,050.00		11,050.00		11,050.00	11,050.00	
Universal Copy	15000194	printing plans & specs		683.83		683.83	33208	683.83	683.83	
									Sub-Total of Bid Printing & Legal	13,146.21
									Sub-Total of FF&E	-
AMC Environmental	"	"			11,100.00	11,100.00	P101313	11,100.00		
"	14004037	PCB & mercury sampling			5,091.50	5,091.50	P031411	5,091.50		
"	15000469	pcb & acm monitoring		18,635.00		18,635.00	P071422	18,635.00		
"	15002399	Addl pcb and acm monitoring & testing			29,418.75	29,418.75	P121411	29,418.75		
AMC Environmental	"	PCB remediation plan & dwgs			10,200.00	10,200.00	P041407	10,200.00		
AMC Environmental	15000193	pcb operations & mtn inspection		10,450.00		10,450.00	P071408	10,450.00		
"	15001072	cost for pcb and acm monitoring & lab		59,497.50		59,497.50	P091410	59,497.50		
"	15001823	ntx cost for pcb and acm monitoring & lab		59,216.50		59,216.50	P111412	48,203.75		
"	15002399	ntx cost for pcb and acm monitoring & lab								
"	Pending	Addl pcb and acm monitoring & testing			103,350.00	12,755.00				
"	Pending	Addl pcb and acm monitoring & testing				90,595.00			306,959.25	
									Sub-Total of Environmental Testing & Monitoring	306,959.25
Silver Petrucelli Architects	14000161	construction documents		33,700.00		33,700.00	13-1233	13,000.00		
"	"	"					13-1603	10,350.00		
"	"	"					13-1773	5,175.00		
"	"	"					13-1907	4,140.00		
"	"	"					13-2038	1,035.00		
"	"	bidding		2,400.00		2,400.00	14-792	1,800.00		
"	"	construction administration		13,000.00		13,000.00	14-1044	600.00		
"	"	"					14-1254	1,950.00		
"	"	"					14-1469	2,072.40		
"	"	"					14-1686	2,072.40		
"	"	"					14-1922	2,072.40		
"	"	"					14-2102	2,072.40		
"	"	"					14-2339	1,560.00		
"	"	"					15-189	1,300.00		
"	"	reimbursable expenses (est)		4,000.00		4,000.00	13-1907	163.61		
"	"	"					14-1254	202.39		
"	14001137	addl svc - PCB remediation design work			20,320.00	20,320.00	13-1907	15,287.50		
"	"	"					13-2038	562.50		
"	"	"					14-792	150.00		
"	"	"					14-1044	50.00		
"	"	"					14-1254	640.50		
"	"	"					14-2339	512.40		
"	"	"					15-189	427.00		
"	Approved (1/15/2015)	Addl A&E			23,558.00	23,558.00		23,558.00	96,978.00	
Nafis & Young Engineers	14004039	owner's rep services		30,400.00		30,400.00	148-14	1,080.00		
"	"	"					206-14	4,760.00		
"	"	"					257-14	5,640.00		
"	"	"					182-14	1,200.00		
"	"	"					272-14	3,280.00		
"	"	"					335-14	2,440.00		
"	"	"					377-14	3,240.00		
"	"	"					401-14	5,360.00		
"	Approved (1/15/2015)	Addl owner's rep services			24,600.00	24,600.00		24,600.00	55,000.00	
									Sub-Total of A/E Constr Design, Bid & CA, OCR	151,978.00
Gennarini Construction	15000195	replace windows and reno gym		2,733,350.00		2,733,350.00	1 @ 6/30/14	256,395.50		
"	"	"					2 @ 7/31/14	146,347.50		
"	"	"					3 @ 8/31/14	344,639.57		
"	"	"					4 @ 9/30/14	112,557.79		
"	"	"					5 @ 10/31/14	117,562.50		
"	"	"					6 @ 11/30/14	53,533.45		
"	Pending	"					7 @ 12/31/14	16,150.00		
"	15001824	COR 001			(5,003.00)	(5,003.00)	incl	incl		
"	"	COR 002 net PO = \$7,753.38			12,756.38	12,756.38	incl	incl		
"	Approved (11/20/2014)	COR 003			5,244.00	5,244.00				
"	Approved (11/20/2014)	COR 004			(8,910.00)	(8,910.00)				
"	Approved (11/20/2014)	COR 005			242.00	242.00				
"	Approved (12/18/2014)	COR 006			4,385.00	4,385.00				
"	Approved (12/18/2014)	COR 007			992.31	992.31				
"	Pending	COR 008			28,086.10	28,086.10				
"	Pending	COR 009			16,559.00	16,559.00				
"	Pending	COR 010			6,895.63	6,895.63				
"	Pending	COR 011			32,195.68	32,195.68				
"	Pending	COR 012			27,600.00	27,600.00				
"	Pending	COR 013			20,995.70	20,995.70				
									2,875,388.80	
									Sub-Total of Construction	2,875,388.80
Special Testing Laboratories	15001882	Special Testing		7,890.00	7,890.00	7,890.00			7,890.00	
									Sub-Total of Material Testing/Misc Fees	7,890.00
Mod Space	13003955	lease for temporary gym (was for demob but used for lease)					500761625	220.24		
Mod Space	13401416	lease for temporary gym (by BOE)		incl w/BOE \$			various			
Mod Space	15000018	lease for temporary gym start of construction		25,779.76		25,779.76	500761625	1,779.76		
"	"	"					500799600	2,000.00		
"	"	"					500739170	2,000.00		
"	"	"					500880002	2,000.00		
"	"	"					500922856	2,023.45		
"	"	"					500965615	2,023.45		
"	"	"					501003278	2,023.45		
Mod Space	Pending	lease for temporary gym assume demobilization by 6/2015			431.29	431.29			26,211.05	
									Sub-Total of Modular Gym Rental	26,211.05
Total of Construction/Remediation Project										3,381,573.31
Various		FF&E		40,308.90		40,308.90		40,308.90		
Various - Prior costs		abatement as of 7/12/13		599,120.41		599,120.41		599,120.41	639,429.31	
Kloter Farms	13005659	storage shed		3,158.75	(140.00)	3,018.75	114170	3,018.75		
Wm B. Meyer	14002494	Rental - library carts			1,450.00	1,450.00	COM-1252-3/1	1,250.00		
"	"	"					COM-1252-3/2	200.00	1,450.00	
AMC Environmental	13003957	fence rental for hazmat dumpster			1,700.00	1,700.00	P021311	1,700.00		
"	13004143	quarterly inspection & reporting (by BOE)			7,850.00	7,850.00	P031302	7,850.00		
"	14000627	sampling and inspection for pcb		8,200.00		8,200.00	P061310	8,200.00		
"	14001594	"			3,800.00	3,800.00	P091331	3,800.00		
AMC Environmental	14002137	PCB operations & maint inspection & lab (11/13)			8,600.00	8,600.00	P091315	8,600.00		
AMC Environmental	14002922	" " " " (2/14)			11,000.00	11,000.00	P011402	11,000.00		
AMC Environmental	14004038	" " " " (5/14)			9,350.00	9,350.00	P031411	9,350.00	50,500.00	
Indoor Air Technologies	13004142	duct cleaning			8,400.00	8,400.00	2839	8,400.00	8,400.00	
Woodard & Curran	13004167	environmental consulting			23,688.61	23,688.61	98595	16,745.44		
"	"	"					97939	6,482.34		
Woodard & Curran	14001593	environmental consulting			6,977.50	6,977.50	99569	6,977.50	30,205.28	
Mod Space	13003954	lease for temporary gym		14,000.00		14,000.00	500114178	2,000.00		
"	"	"					500154144	2,000.00		
"	"	"					500188556	2,000.00		
"	"	"					500223413	2,000.00		
"	"	"					500080495	2,000.00		
"	"	"					500260462	2,000.00		
"	"	"					500295219	2,000.00		
Mod Space	13003955	lease for temporary gym (was for demobilization but used for lease)		22,248.00		22,248.00	106379578	2,014.08		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500032236	2,014.08		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500340601	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500416302	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500490926	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500537183	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500572811	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500608565	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500647292	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500682190	2,000.00		
"	13003955	lease for temporary gym (was for demobilization but used for lease)					500722141	2,000.00		
"	Pending*	Demobilization			22,248.40	22,248.40			58,496.40	
Silver Petrucelli Architects	13003958	conceptual planning & budgeting (by BOE)		4,000.00		4,000.00	13-114	4,000.00	4,000.00	
Tecta America	14002495	skylight removal			1,285.32	1,285.32	S1020200	1,285.32	1,285.32	
AAIS	13003883	clean rooms 107 & 108 (by BOE)		7,500.00	-	-	closed	-		
AAIS	14001592	pcb install critical barriers			13,973.60	13,973.60	10552	13,973.60		
AAIS	14004679	acm abatement(5/29/2014)		1,583.96		1,583.96	10873	1,583.96	15,557.56	
Fire Protection Testing, Inc.	14002921	cut & cap sprinkler			1,062.65	1,062.65	S42103	1,062.65		
Total of FPS 2012 Emergency Costs										813,405.27
Total - All Costs			4,195,013	3,711,584.99	499,244.42	4,195,439.41		2,200,289.90		4,194,978.58
Additional funding required (without Connector Corridor Alternate or Contingency)										
Requested Project Contingency for completion of project				(34.42)					Total Project Costs	4,194,978.58
Connector Corridor Alternate (Renegotiated to \$428,672) + 10% Contingency				340,000.00					Remaining Contingency	34.42
Total additional funding required				471,539.20						
				812,172.24						

Item	Conceptual Budget 12/12/12	Schematic Design Budget 08/15/13	Construction Design Budget 10/17/13	Budget after Bid Awards 5/15/14	Projected Budget 1/21/15	Change 1/21/15 verses 5/15/14 Budget	Reasons for Budget Changes
Bid Printing & Legal	5,000.00	5,000.00	5,000.00	5,000.00	13,146.21	(8,146.21)	Addition of \$11,050 in Bonding Costs
FF&E	-	-	-	-	-		
Enviro Testing, Design & CA	168,000.00	168,000.00	168,000.00	168,000.00	306,959.25	(138,959.25)	Additional testing and monitoring due to failure of clearance tests and discovery of additional hazardous materials
A/E Constr Design, Bid & CA	132,975.00	51,500.00	51,500.00	103,820.00	151,978.00	(48,158.00)	Additional design costs due to the need to completely remove the gym roof structure
							Addition of an OCR for the project
							Additional costs for Architect & OCR due to project delays
Construction	2,589,500.00	2,483,216.00	2,520,174.00	2,733,350.00	2,875,388.80	(142,038.80)	Bids \$213,000 higher than Construction Design Estimate
							Potential Change Orders for additional abatement
Matl Testing/Misc Fees	10,000.00	10,000.00	10,000.00	7,890.00	7,890.00		
Modular Gym Rental	-	-	-	16,000.00	26,211.05	(10,211.05)	Delays in securing EPA Approval extended the project timeline thus requiring additional rental payments on the temporary gymnasium
							Additional abatement extended the project timeline further thus requiring additional rental payments on the temporary gymnasium
Connector Corridor Alternate	70,000.00	279,552.00	393,160.00	Deferred*	Deferred*		Alternate deferred due to higher than expected bids on the base bid work and the alternate work
							* \$413,000 Bid for alternate was deferred because of insufficient available funds
Contingency	398,925.00	414,415.00	291,333.00	340,340.00	34.42		
Construction/Abatement Sub-Total	3,374,400.00	3,411,683.00	3,439,167.00	3,374,400.00	3,381,607.73		
FPS 2012 Emergency Cost Projection	820,613.00	820,613.00	820,613.00	820,613.00	813,405.27		
Project Total	4,195,013.00	4,232,296.00	4,259,780.00	4,195,013.00	4,195,013.00		

Critical Deadline Dates:

3/15/2015

4/10/2015

8/24/2015

Commitment to the Connector Corridor Alternate

Completion of the gymnasium abatement/renovation

Completion of the remaining window replacements

Osborn Hill - Projected Cash Flow

	Funding	Projected Invoices	Projected Balance	Item
Budget/Funding	4,195,013.00			
Spent to date	2,200,289.90			
Funds Remaining as of 1/22/15	1,994,723.10			
Jan-15		207,529.10	1,787,194.00	Gymnasium Abatement/Renovation
Feb-15		342,342.00	1,444,852.00	Gymnasium Abatement/Renovation
Mar-15		313,910.00	1,130,942.00	Gymnasium Abatement/Renovation
Apr-15		262,523.00	868,419.00	Gymnasium Abatement/Renovation
May-15		42,994.00	825,425.00	Preparation for final phase of work
Jun-15		78,100.00	747,325.00	Preparation and final abatement items
Jul-15		318,053.00	429,272.00	Window & Door Replacement
Aug-15		118,595.00	310,677.00	Window & Door Replacement
Sep-15		164,673.00	146,004.00	Window & Door Replacement
Oct-15		146,004.00	0.00	Closeout and retention payout

Vehicle Replacement Program

Status Report for Board of Selectman
Projected Replacement Schedule from 2014
through 2025



Revised January 2014

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Introduction

The Fairfield Fire Department first researched and developed a formal Vehicle Replacement Program in 1995 following the purchase three (3) frontline fire apparatus in a single budget year. Fire apparatus under normal operating conditions are designed to have a defined life span that can be predicted based on their anticipated use, function and design. As such, this document identifies the replacement criteria and time frames for each type of apparatus based on its use.

The goals of this replacement program are as follows:

- Provide for the needs of the department due to the dynamic nature of emergency response to fire, medical, chemical, and rescue type incidents on land or water.
- Provide safe and reliable apparatus that meet or exceed current safety standards including NFPA, OSHA and DOT.
- Develop a responsible and justifiable replacement schedule based on industry standards, department history and the number and type of responses.
- Reduce maintenance costs secondary to decreasing availability of older parts for apparatus.
- Reduce town costs by providing a replacement schedule, which will prevent the purchase of multiple apparatus in a single fiscal year.

Types of Fire Apparatus and their Function

Fire apparatus are specialty vehicles that are designed to perform specific functions at emergencies. These functions vary by department and staffing levels and can be separated into the following general classifications of vehicle. All fire apparatus are multifunctional (fire, medical, rescue) however their classification is based on the tools and personnel's primary role at the scene of a fire.

Engine Type Apparatus (aka "Pumper")

The primary function of an engine company is to attack and extinguish fire.

An engine is a vehicle that is designed around an integral water pump capable of pumping more than 1250 gallons of water per minute, carries a minimum of 500 gallons of water, and has pre-connected hoses of different lengths and sizes that allow its crew to attack different types of fires including solid materials, flammable liquids, energized electrical equipment and combustible metals. Engines also carry tools for medical emergencies, small chemical spills and ground ladders up to 24' in length for rescue (2nd floor window).



Engines are normally staffed by 3 personnel including a driver/pump operator, an officer and a firefighter capable of deploying a single hose line at a fire.

Ladder Type Apparatus

The primary function of a ladder company is to support interior fire attack operations including search and rescue for people and animals inside buildings, rescue of persons from windows higher than 2 stories, ventilation of toxic fire gases from the roof, forcing entry into a locked structure, and performing property protection and lighting after the fire. A secondary function of the ladder company is to perform vehicle rescue, stabilization and hydraulic extrication.



Ladder type apparatus are easily identified by the presence of a large mounted aerial ladder on the top of the vehicle. These ladders are hydraulically operated and allow for access to elevated areas. It is important to note that a 100' ladder does not actually reach a person 100' up in a building. Ladder apparatus also carry many hand tools, hydraulic rescue tools, large generator and portable lighting and a complement of different length ground ladders capable of reaching people higher than 3 stories which is the limitation of an engine company. Ladder companies are equipped with elevated hose streams for use at large commercial fires or for attacking tanker fires on the highway. Ladder trucks do not have pumps and must be combined with an engine company if it needs to flow water from the ladder pipe.

Ladders are normally staffed by 3 personnel including a driver/aerial operator, and two firefighters capable of raising ground ladders or conducting simultaneous search and aerial operations.

Rescue Type Apparatus

Similar to a ladder company, the primary functions of a rescue company are to support interior fire attack operations including search and rescue for people and animals inside buildings, ventilation of toxic fire gases from the roof, forcing entry into a locked structure, and performing property protection and lighting after the fire. Rescue companies also carry the tools and equipment required to perform technical rescue from confined spaces, trenches and vehicle rescue, stabilization and hydraulic extrication. Rescue companies DO NOT carry ground ladders have a mounted aerial device. Rescue trucks are designed to support fire and rescue operations but lack the tools to allow people to access roofs and upper windows. Rescues are normally



staffed by 3 personnel including a driver/ operator, and two firefighters due to the multitude of equipment and tools.

Command Vehicle

The function of the command vehicle is to provide the communication and command support required to safely manage a multi-unit incident, coordinate tactical objectives and manage personnel at the scene of an emergency scene.

The command vehicle responds to any multiple unit response. The command vehicle is generally a 4x4 SUV type vehicle capable of all-weather operations that carries specialized meters, computers, radios and tools to support command. A command board is carried to allow a temporary command post be set up in the field.



The command car is normally staffed by the fire shift commander and a firefighter/ aide that supports the safety and operations in the field while communicating with dispatch and Chief of Department.

Specialty Vehicles, Marine Vessels and Trailers

The department has a number of specialty vehicles and trailers that have been acquired to meet department needs during low frequency/high impact type events. Many of these vehicles have been obtained through donations or grants. Trailers that carry specialized rescue and hazardous materials support equipment are maintained by the department. All-terrain vehicles, small boats and maintenance vehicles support the primary mission of the department but are not generally scheduled for planned replacement. Specialty units are not normally staffed but are available for on duty personnel to use if needed or during special planned events.



Staff / Support Vehicles

The function of staff and support vehicles are to support the day to day operations of the fire prevention, training and administrative offices. Historically, staff vehicles are replaced through planned replacement and transfer of previously assigned police vehicles that are rotated out of front line status and redeployed to administrative support roles.

Background and Significance

In 1995 and in 1998, the Fairfield Fire Department made multiple vehicle purchases resulting in excessive capital outlays in a single fiscal year. In 1995, the department replaced two (2) engine companies and one (1) Ladder Company. Also, in 1998, the Fairfield Fire Department was forced to purchase two (2) Fire Pumpers in the same fiscal year. During these periods, the fleet had deteriorated to conditions that required the Department to borrow an antiquated piece of equipment from the Bridgeport Fire Department in order to provide for safe emergency response. These problems occurred due to the bulk purchase of fire apparatus in the same fiscal year. The practice of buying multiple apparatus in a single fiscal year is not desirable and leads to the following problems:

- Requires major capital outlay in a single fiscal year.
- Potential for all apparatus of given year to be removed from service due to age related problems occurring simultaneously.
- Does not incorporate technological and safety advances such as improved braking (antilock), airbags for occupants and equipment reliability for extended periods of time.

At a glance, the Fairfield Fire Department fleet does not appear to be in poor condition. Newer apparatus are made of metals like Stainless Steel and Aluminum that do not rust but exhibit other types of aging. However, one must look beneath the “skin” to see the wear and tear on the apparatus. Please note the following:

- Similar to aircraft, apparatus have a use cycle. The use cycle for apparatus includes cold starts, rapid acceleration without adequate engine warming, heavy braking, long stationary idle times, gross maximum vehicle weight loads, constant vibration and stresses due to load shifts. These stresses result in metal fatigue, stress fractures and other damage that is not visible until failure occurs.
- Electrical components, which control everything from engine, transmission and electrical systems, have a life span. Like a home computer, older technology is only supported for limited time by manufacturers. As technology improves, diagnostic and replacement costs increase until parts are no longer supported or produced.
- Engine, transmission and pump wear accumulate over time and are not “visible” indicators of apparatus condition.

Over the past several years, the department has experienced the effects of these problems due to our non-adherence to the recommended replacement schedule. Some of our older apparatus have suffered mechanical failures and the high cost and lack of availability of replacement parts has caused extended out of service delays. Over the last 5 years, Ladder 1 has required over \$100,000.00 in repairs on the hydraulic system. This is due to the closing of the manufacturer (LTI) of the hydraulics and the need to fabricate replacement parts. Modern power and drive train components are controlled by computers and two Fairfield’s engines suffered failures of these computer controllers that were no longer manufactured. The department was forced to search and purchase aftermarket solutions for these trucks also at higher cost.

Current Apparatus Deployment, Age and Mileage

Deployment of Apparatus

The following table lists the current deployment of front line fire apparatus:

VEHICLE	STATION	YEAR & MAKE	MILEAGE	HRS	AGE IN YEARS
ENGINE-4	4	1995 DUPLEX / SALSURY PUMP	112,225	11,752	19
LADDER-1	1	1995 DUPLEX / LTI LADDER	112,343	11,660	19
ENGINE-5	5	2004 PIERCE PUMP	73,451	5,636	10
ENGINE-3	3	2006 FERRARA PUMP	73,741	5,636	8
LADDER-2	2	2007 FERRARA LADDER	45,722	4,432	7
ENGINE-2	2	2011 SPARTAN G-K PUMP	26,365	2,651	3
ENGINE-1	1	2013 SPARTAN UST PUMP	6,242	531	1
CAR-3	2	2013 CHEVROLET SUBURBAN	4,745	N/A	1

Fire apparatus are designated as either "Frontline" or "Reserve".

- Frontline – Apparatus that are normally in service for emergency response. This is the first assignment for any new apparatus following training.
- Reserve– Older apparatus that are not normally in service but are maintained and equipped for service during apparatus breakdowns, preventative maintenance or during large emergencies requiring additional crews.

All Frontline apparatus become reserve apparatus status once replaced through the replacement program. Reserve apparatus are not replaced when they are no longer viable and are kept until the cost of repairs exceeds acceptable limits.

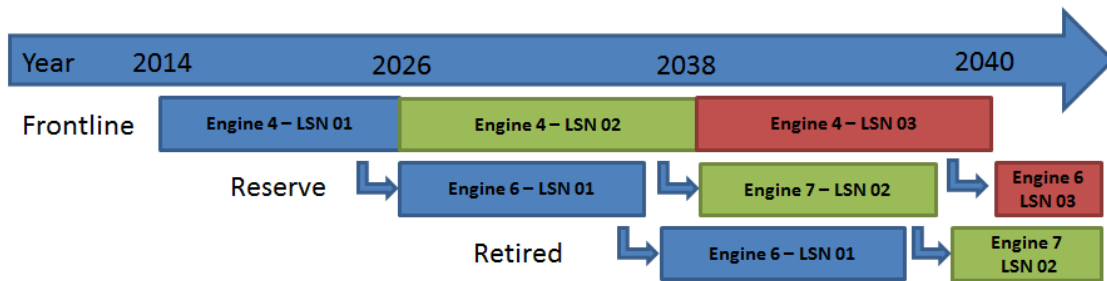
Reserve apparatus serve an important function for the department as they may be assigned to hazardous duty in the beach area during floods and allow for front line apparatus to be removed from service for scheduled preventative maintenance without affecting protection levels. They are also used in the event of apparatus accidents during repairs.

The department continues to identify the best deployment model of apparatus in the fleet. Previously, engine apparatus have been initially assigned to busier fire stations later rotated to slower fire stations to balance the mileage, wear and pump hours. For the past 10 years, the department has been experimenting with assigning engines to a specific fire station for its entire frontline career. The department is still evaluating the long term impacts of this approach.

Recommended Replacement Schedule by Type of Apparatus

Lifecycle of an Apparatus

When new apparatus are purchased they are placed in frontline service. Upon the end of their expected frontline service, a replacement vehicle is purchased. It generally takes approximately 8 to 15 months depending on type for a new apparatus to be designed and built by a manufacture starting from the time a bid is awarded. Following delivery and training of the new apparatus to the department, the older apparatus is placed in reserve service and utilized when needed due to repairs or call back emergencies (storms). Reserve apparatus have all the same equipment that frontline apparatus require. At this point, the oldest or most costly to maintain reserve apparatus (by type) is retired and either transferred to another town department or disposed of. Generally, there is no trade in value for older apparatus when making purchases. In the past, the department has donated retired apparatus to other fire departments or scrapped them.



Based on department experience, response modifications and financial constraints, the following replacement model is being adopted by the Fairfield Fire Department for apparatus.

Vehicle Type	Frontline Service	Replacement	Reserve Service
Engines	1 - 12 years	12 years	12 – 24 years
Ladders/Rescue	1 – 12 years	12 years	12 – 24 years
Command Cars	1 – 6 years	6 years	6 – 12 years
Support Cars	1 – 10 years	10 years	N/A
Specialty Vehicles	TBD	TBD	TBD

Engines and Ladders by Projected Replacement Year

Non-Recurring Capital Projections (over \$100,000) – 12 year cycle

Unit	LSN	Purchase Date	Current Age	Replacement Year
Ladder 1	LSN 51	1995	19	2014
Engine 4	LSN 07	1995	19	2014
Engine 5	LSN 11	2004	10	2016
Engine 3	LSN 12	2006	8	2018
Ladder 2	LSN 52	2007	7	2020
Engine 2	LSN 14	2011	3	2023
Engine 1	LSN 15	2013	1	2025

Command and Staff Vehicles by Projected Replacement Year

Operating Budget Projections (Under \$100,000) - 6 year cycle

Unit	LSN	Purchase Date	Current Age	Replacement Year
Car 3	106	2013	1	2019
Car 1	103	2011	3	2017
Car 2	105	2013	1	2019
FM 1	91	2009	5	2015
Car 5	102	2006	5	2014
Maint-1	47	2012	2	2022

The Fire Department has worked cooperatively to recycle previously purchased police vehicles and has rotated them through department staff assignments in order to get maximum use. When support vehicles are no longer capable of emergency response, they are rotated to other town departments (DPW) for use. This practice is no longer desirable and has resulted in increased repair and breakdown expenses for items that are out of warranty by the manufacturer.

Subsequent to the implementation of a second in service ladder truck in the Fairfield Fire Department as recommended by the Insurance Services Office [ISO], it was anticipated that mileage and engine hours would be reduced due to a reduction in cross town responses and other operational changes. In review of response data, the department did succeed in reducing individual unit responses due to shared work load carried by two ladder trucks versus only one. Unfortunately, Ladder 1 required extensive mechanical repairs and due to its age was out of service for an extended period of time. Response models were required to be changed back to previous protocols due to only having one ladder.

Replacement Factors

While age is a major factor in determining apparatus replacement needs, total apparatus condition is considered when developing and updating the planned replacement schedule. These factors include but are not limited to:

- Type of vehicle
- Age
- Mileage / Engine Hours
- Overall condition (corrosion, rust, structural damage)
- Availability of replacement parts
- Past accident and repair history
- Cost
- Aggregate Apparatus Mileage – The calculated mileage value determined by adding the sum of the Road Mileage plus the calculated Pump "Mileage" (estimated at 50 miles/per engine hour) as per Cummings Diesel.

Table showing Aggregate Apparatus Mileage for Frontline Apparatus

LSN #	VEHICLE	ACTUAL MILEAGE (M)	HRS (Hrs)	AGGREGATE APPARATUS MILEAGE	AGE IN YEARS
LSN-07	ENGINE-4	112,225	11,752	699,825	19
LSN-51	LADDER-1	112,343	11,660	695,343	19
LSN-11	ENGINE-5	73,451	5,636	355,251	10
LSN-12	ENGINE-3	73,741	5,636	355,541	8
LSN-52	LADDER-2	45,722	4,432	267,322	7
LSN-14	ENGINE-2	26,365	2,651	158,915	3
LSN-15	ENGINE-1	6,242	531	32,792	1
LSN-106	CAR-3	4,745	N/A	N/A	1

Summary

This replacement program is based upon years of department experience and documented apparatus use and repair data. It takes into account the rigors of emergency response and allows for an extended reserve service life while simplifying the capital replacement schedule. It also reduces the likelihood of needing to make multiple apparatus purchases in a single fiscal year.

The goals of this replacement program is as follows:

- **Provide for the needs of the department** due to the dynamic nature of emergency response to fire, medical, chemical, and rescue type incidents on land or water.
- **Provide safe and reliable apparatus** that meet or exceed current safety standards including NFPA, OSHA and DOT.
- Develop a **responsible and justifiable replacement schedule** based on industry standards, department history and the number and type of responses.
- **Reduce maintenance costs** secondary to decreasing availability of older parts for apparatus.
- **Reduce town costs** by providing a replacement schedule, which will prevent the purchase of multiple apparatus in a single fiscal year.

Moving forward, it is important for the town and department to stick to the recommended replacement schedule to ensure the department's ability to quickly and safely respond to emergencies 24 hours a day. Failure to budget and purchase apparatus as recommended will result in more frequent breakdowns, more costly repairs and longer out of service times of older apparatus.

The cost of delaying the purchase just one fiscal year is between 5% and 10% based upon manufacturer estimates. In addition to not meeting environmental standards for emissions, older apparatus are more susceptible to mechanical breakdown and cost significantly more than that of newer trucks to repair.

Appendix A – Previous Replacement Schedule from 2002 to 2013

The planned replacement program for Fairfield Fire Department is as follows:

Vehicle Type	Frontline Service	Reserve Service	Replacement
Engine	1 - 10 years	11 – 15 years	>15 years
Ladder	1 – 10 years	10 – 15 years	>15 years
Command Cars	1 – 4 years	5 – 8 years	> 8 years
Support Cars	1 – 10 years	N/A	>10 years

The department rotates its apparatus throughout the department to balance mileage, age and cyclic stresses. Apparatus are usually assigned to the busiest stations when initially delivered. They then rotate to outlying stations with relatively fewer responses in order to maximize the life expectancy of the apparatus. This rotation of vehicles ensures that all personnel are exposed to the newer equipment and is a sound management practice. The Fire Department has worked cooperatively to recycle previously purchased police vehicles and has rotated them through department staff assignments in order to get maximum use. When support vehicles are no longer capable of emergency response, they are rotated to other town departments (DPW) for use. This practice is no longer desirable and has resulted in increased repair and breakdown expenses for items that are out of warranty by the manufacturer.

The Fire Department maintains both frontline and reserve apparatus. Reserve or unmanned apparatus, while older, are routinely rotated to frontline status during preventative maintenance and repairs. The minimum number of reserve engines in Fairfield is 3. Following the deaths of Waterbury Fire Fighters during the 1980's in an apparatus accident, increased awareness of quickly repairing known defects in braking systems and fatigue became apparent. Due to the minimal apparatus coverage, fire apparatus can not be removed from service without a reserve unit to replace it.

Appendix B – Listing of Apparatus and Vehicles

LSN #	YEAR & MAKE	MILES	HRS	AGE
LSN-05	1985 SEAGRAVE PUMP	110,000	3,290	29
LSN-06	1991 SEAGRAVE PUMP	149,843	13,140	23
LSN-07	1995 DUPLEX / SALSBU PUMP	112,225	11,752	19
LSN-08	1995 DUPLEX / SALSBU PUMP	117,169	12,246	19
LSN-09	1999 PIERCE PUMP	143,117	14,800	15
LSN-10	1999 PIERCE PUMP	159,658	15,830	15
LSN-11	2004 PIERCE PUMP	73,451	5,636	10
LSN-12	2006 FERRARA PUMP	73,741	5,636	8
LSN-14	2011 SPARTAN G-K PUMP	26,365	2,651	3
LSN-15	2013 SPARTAN UST PUMP	6,242	531	1
LSN-27	1987 INTERNATIONAL RESCUE	44,905	6,897	27
LSN-28	1997 FORD F-350 SD RESCUE	32,000		17
LSN-46	1995 FORD F-350 UTILITY	120,261		19
LSN-47	2012 CHEVROLET HD3500	15,000		3
LSN-51	1995 DUPLEX / LTI LADDER	112,343	11,660	19
LSN-52	2007 FERRARA LADDER	45,722	4,432	7
LSN-77	1988 INTERNATIONAL BUS	98,000		26
LSN-82	2000 GMC VAN	82,665		14
LSN-84	2000 PIERCE RESCUE	117,671	10,747	14
LSN-85	2001 GMC YUKON SUV	91,719		13
LSN-86	2002 GMC YUKON SUV	96,176		12
LSN-88	2004 FORD CROWN VICTORIA	122,041		10
LSN-90	2008 CHEVROLET SUBURBAN	81,599		6
LSN-91	2009 FORD EXPLORER	40,268		5
LSN-92	1988 TRAILER	N/A		26
LSN-93	2008 FORD CROWN VICTORIA	75,442		6
LSN-94	1999 BOAT	N/A		15
LSN-95	2002 FOAM TRAILER	N/A		12
LSN-96	2006 TRAILER	N/A		8
LSN-97	2006 TRAILER	N/A		8
LSN-98	2007 BOAT	N/A		7
LSN-99	2009 TRAILER	N/A		5

LSN-100	2010 FORD SUPER DUTY	6,200	4
LSN-101	2011 TRAILER	N/A	3
LSN-102	2006 FORD CROWN VICTORIA	137,000	8
LSN-103	2011 FORD CROWN VICTORIA	24,158	3
LSN-104	2011 FORD CROWN VICTORIA	60,000	3
LSN-105	2013 FORD EXPLORER	6,800	1
LSN-106	2013 CHEVROLET SUBURBAN	4,745	1
LSN-107	2010 FORD CROWN VICTORIA	55,000	4