

# **BOND HEARING**

**TUESDAY, JANUARY 19, 2016**

**MILFORD HIGH SCHOOL, ROOM # 182**

**AT THE CONCLUSION OF THE BUDGET  
HEARING, (WHICH STARTS AT 7:00 PM), OR  
7:45 PM, WHICHEVER IS LATER.**

## **AGENDA**

- 1. Bond Discussion – Robert Marquis**

## **WARRANT ARTICLE PROPOSED LANGUAGE:**

To see if the District will vote to raise and appropriate the sum of \$3,000,000 (gross budget) for the purpose of conducting repair, upgrade and renovation projects on any and all of the buildings owned by the District in order to address existing deterioration as well as to allow for the installation and implementation of available modern technologies and other improvements, all as more particularly specified on a document entitled 'List of Prioritized Projects at \$2M and \$3M Levels' identified by the Milford School Board and incorporated into the minutes of their meeting of January 4, 2016, and to authorize the issuance of not more than \$3,000,000 of bonds or notes in accordance with the provisions of the Municipal Finance Act (RSA 33) and to authorize the Milford School Board to issue and negotiate such bonds or notes and to determine the rate of interest thereon. The School Board is hereby also authorized to apply for and accept gifts, grants or other forms of assistance, if any, in order to offset the raising and appropriating of the funds referenced above and further, to raise and appropriate an additional sum of \$44,838 for the first year's interest payment on the bond. This will be a non-lapsing appropriation per RSA 32:7, III and will not lapse until the purpose for which the appropriation is made, as identified on said above referenced list, is completed. This is a special warrant article pursuant to RSA 32:3 (VI)(b). (3/5 ballot vote required)

### **Milford Middle School**

#### **Mechanical Equipment Upgrade**

The mechanical equipment located at the Middle School is 22 years old and at the end of its useful life. The equipment will be replaced with new energy efficient equipment which will reduce the operating and repair costs. This was outlined in the engineering study that was completed a year ago by Yeaton and Associates. Along with these upgrades we will be installing a gas fired hot water heater to eliminate the need to utilize the large boilers year round for the production of hot water for the kitchen and custodial staff.

#### **Replacement of Exterior Doors and Windows**

The current windows and doors were installed during the last renovations at the Middle School which was in 1992. The doors are steel and are rusting through. The windows are drafty and in need of constant repairs due to the style of openers on them. The new windows will be similar to what was installed at the High School and the majority of doors will be aluminum framed and more energy efficient.

#### **Renovations of Classrooms, Restrooms, Locker rooms and Lockers**

The classrooms are in need of attention; the millwork is delaminating and needs to be replaced. The lighting, ceilings and walls all need to be freshened up. The restrooms need flooring, millwork, fixtures, stalls, lighting and new wall tile. The locker rooms were last updated in 1992; the lockers in this area as well as the lockers in the south wing of the building need to be replaced as they are falling apart. The shower areas need new stalls and fixtures along with flooring.

#### **Replacement of Fire Alarm System**

The Fire Alarm System at the Middle School is approximately 25 years old and showing its age. Over the last few years we have been making repairs to the system which is becoming more costly. This past year the entire south wing could not hear the audible alarm due to problems with the system, which was repaired, but more issues keep arising. This is similar to the issues we have had with the High School System before that system was replaced.

#### **Replacement of Locksets in Classrooms (Security item)**

The locksets for the classrooms need to be locked from the hallway side if it is determined that a lockdown is required. The other buildings have the new classroom locks that afford the staff the ability to lock the door from inside the classroom without going into the hallway.

## **Renovation of Bleachers in Gymnasium**

The bleachers have in place since 1992. The roller system needs to be repaired or replaced as we have had issues such as getting stuck upon opening the bleachers or stuck while closing them.

## **Milford High School**

### **Mechanical Equipment Upgrade**

The aging heating pipes would be replaced throughout the building. This would also include abatement of asbestos wrapped piping and adding glycol to the system once all the piping is replaced. The glycol would prevent freeze ups of various heating coils in the building. As with the Middle School the boilers here run year round to supply hot water for the building. We would install a gas fired hot water heater to supply hot water to the showers, restrooms and custodial areas while reducing our operating costs. Additionally we would be adding air handling or A/C units to the High School to handle the interior rooms and gymnasium as these areas become very warm through most of the school year.

### **Gymnasium Floor replacement**

The gymnasium floor has undergone many resurfacing processes since 2003. We cannot resurface the floor anymore. The floor will need to be replaced with a new wooden surface.

### **Door Replacement**

This project will be the final phase of door replacement that had begun in the 2008 renovations of the High School. This will allow all rooms to have a standard door and sidelight along with the classroom locks that will allow all staff members to secure their rooms from the inside rather than stepping into the hallway.

### **Renovation of Mini Gymnasium, Locker Rooms, Weight room**

These areas have not been addressed since 1998. The lights, plumbing fixtures, shower stalls, millwork, flooring, doors, mechanical equipment, ceiling and walls all need to be updated.

## **Bales**

### **Replacement of Windows and Doors**

The windows and entrance doors are in need of replacement. They are drafty and inefficient, letting in bugs, wasps and debris from the outside. The windows are all single pane and have had storm windows installed over them to help with the cold weather.

## **District Wide**

### **Building Automation System Upgrade**

Three of the four building automation systems in the District are either obsolete or no longer supported by the manufacturer. Parts for these systems are becoming increasingly harder to find and more costly. We cannot control a portion of one building due to the system crashing and not being able to bring back up. We will be looking to have one system for the entire District.

**ADA upgrades at all exterior entrances and interior gymnasium,  
cafeteria and public restroom entrances**

The entrances at each building do not allow ADA access with the exception of Jacques Elementary. Each of the gymnasiums and public restrooms fall into the same category. This would allow us to install remote openers at each of the entrances to not only the buildings, but also gymnasiums and public restrooms.

**UPS, Air Conditioning and Generator for Network Rooms**

The network rooms have numerous small battery back-up systems that frequently fail and need to be replaced, which can get very costly. The rooms also need to be maintained at a certain temperature to prevent the equipment from overheating. Technology today is running 24/7 and is integrated into the educational programming of the District, which must be kept running continuously.

**Fees**

Issuance fees associated with bonding = \$15,000

**Scope**

The intent of this bond is to complete as many infrastructure repairs, renovations, equipment replacement and upgrades outlined above as possible within the levels of the \$3M bond.

**List of Prioritized Projects  
at \$2M and \$3M Levels**

	CIP 1	CIP 2	
<b>Milford Middle School</b>			
Rooftop unit replacement (14 units)(6 air-handlers, 8 a/c)(22 years old)	\$638,000	\$659,000	took BAS and Hot water heater out and pared back
Replacement of older windows and exterior doors (energy item)	\$350,000	\$350,000	
Finish locker replacements (or repair / repaint)	\$75,000	\$95,000	
Bathroom remodeling (renovate / paint / tile / repair)	\$50,000	\$100,000	pared back for 2 mil
Replace locksets in classrooms (addresses issues identified during lockdowns)	\$25,000	\$25,000	
Install hot water heater to curtail summer use of boilers for domestic hot water (energy item)	\$50,000	\$50,000	
Renovate locker rooms		\$75,000	
Replace fire alarm panel	\$100,000	\$100,000	
<b>Milford High School</b>			
Air conditioning in interior rooms/Gymnasium		\$219,000	
New floor for gym MHS		\$110,000	
<b>Replace aging infrastructure (piping) at High School</b>	\$180,000	\$220,000	
Finish door replacements (including lock down handles)	\$112,000	\$112,000	approx. 75 doors
Install gas-fired hot water heater for showers (energy item)	\$50,000	\$50,000	
<b>Bales</b>			
Replace windows and doors (for security)		\$465,000	
<b>District Wide</b>			
<b>Replace Building Automation System (BAS) for energy management District Wide</b>	\$370,000	\$370,000	
<b>TOTALS</b>			
	<b>\$2,000,000</b>	<b>\$3,000,000</b>	
If there is a fund balance from the bond, these are the other projects I would look to complete in order of priority.			
Renovate locker rooms - MMS			
Repair/replace bleachers-MMS			
Start renovations of classrooms at MMS			
Update security access system and cameras- District Wide			
Locker room renovations MHS			
Renovate Mini Gym/weight room- MHS			
UPS, Generator and A/C for network rooms			
ADA openers at all exterior entrances			
ADA openers on interior gymnasium and cafeteria entrances and associated public restrooms			

**NH Municipal Bond Bank  
25 Triangle Park Drive  
Concord, NH 03301**

LEVEL PRINCIPAL

10 YEAR **ESTIMATED** DEBT SCHEDULE FOR  
MILFORD SCHOOL DISTRICT

2015 ASSESSED VALUATION:       \$1,289,568,697  
ESTIMATED YEARLY INCREASE:       0%  
DATE PREPARED:                   12/22/15  
BONDS DATED: June 2016           08/15/16  
INTEREST START DATE: 211 Days   07/14/16  
FIRST INTEREST PAYMENT:       02/15/17  
NET INTEREST COST:               2.5490% \*

DEBT YR	PERIOD ENDING	PRINCIPAL OUTSTANDING	PRINCIPAL	RATE	INTEREST	TOTAL PAYMENT	FISCAL YEAR TOTAL PAYMENT	ASSESSED VALUATION	EST. TAX RATE INC.
	02/15/17				\$44,837.50	\$44,837.50	\$44,837.50	1,289,568,697	0.03
1	08/15/17	\$3,000,000.00	\$300,000.00	2.550%	38,250.00	338,250.00			
	02/15/18				34,425.00	34,425.00	372,675.00	1,289,568,697	0.29
2	08/15/18	2,700,000.00	300,000.00	2.550%	34,425.00	334,425.00			
	02/15/19				30,600.00	30,600.00	365,025.00	1,289,568,697	0.28
3	08/15/19	2,400,000.00	300,000.00	2.550%	30,600.00	330,600.00			
	02/15/20				26,775.00	26,775.00	357,375.00	1,289,568,697	0.28
4	08/15/20	2,100,000.00	300,000.00	2.550%	26,775.00	326,775.00			
	02/15/21				22,950.00	22,950.00	349,725.00	1,289,568,697	0.27
5	08/15/21	1,800,000.00	300,000.00	2.550%	22,950.00	322,950.00			
	02/15/22				19,125.00	19,125.00	342,075.00	1,289,568,697	0.27
6	08/15/22	1,500,000.00	300,000.00	2.550%	19,125.00	319,125.00			
	02/15/23				15,300.00	15,300.00	334,425.00	1,289,568,697	0.26
7	08/15/23	1,200,000.00	300,000.00	2.550%	15,300.00	315,300.00			
	02/15/24				11,475.00	11,475.00	326,775.00	1,289,568,697	0.25
8	08/15/24	900,000.00	300,000.00	2.550%	11,475.00	311,475.00			
	02/15/25				7,650.00	7,650.00	319,125.00	1,289,568,697	0.25
9	08/15/25	600,000.00	300,000.00	2.550%	7,650.00	307,650.00			
	02/15/26				3,825.00	3,825.00	311,475.00	1,289,568,697	0.24
10	08/15/26	300,000.00	300,000.00	2.550%	3,825.00	303,825.00	303,825.00	1,289,568,697	0.24
TOTALS			\$3,000,000.00		\$427,337.50	\$3,427,337.50	\$3,427,337.50		

\*Interest rate received in our June 2015 bond issue. Subject to change if rates increase or decrease from now until June 2016.