

In consideration of public health, open meetings and the Governor's Executive Order No. 7B dated March 10, 2020 regarding PROTECTION OF PUBLIC HEALTH AND SAFETY DURING COVID-19 PANDEMIC AND RESPONSE - FURTHER SUSPENSION OR MODIFICATION OF STATUTES, this meeting will include an option for the public to phone in to listen to the audio of the meeting. Please note that public comment will be received for this meeting. Alternatively, the Board encourages the public to email any comments for Board consideration to NewtownBOE@newtown.k12.ct.us

To listen to the meeting, please call: 1-973-306-4368 The PIN is: 454 282 452#

Newtown Public Schools
CIP/Facilities/Finance Sub Committee Agenda
December 9, 2020 6:00 pm
Virtual Meeting

CALL TO ORDER

SALUTE TO FLAG

BUSINESS

Item 1 Approval of BOE CIP Minutes of November 11, 2020

Item 2 CIP/Hawley

Item 3 COVID Expenses

Item 4 Financial Update and Preliminary Budget Discussion

Item 5 Discussion of Meetings During Budget Season

Item 6 Tentative 2021 CIP Meeting Schedule

PUBLIC COMMENT

ADJOURNMENT

Newtown Board of Education Virtual Meeting
CIP/Facilities/Finance Sub-Committee Minutes
November 11, 2020, 5:30 p.m.

Call to Order: The BOE CIP Sub Committee meeting was called to order at 5:31 by Mr. Delia.

Participants: Dan Delia, Chair, Sub-Committee, Tanja Vadas, Director of Business, Dr. Michelle Ku, Chair, Board of Education, Robert Gerbert, Director of Operations, Deb Zukowski, Sub-Committee & Board Member, Debbie Leidlein, Sub-Committee & Board Member, Dr. Lorrie Rodrigue, Superintendent, Allen Adriani, Sustainable Energy Committee

Pledge of Allegiance

Item 1 Approval of October 13, 2020 BOE CIP Sub Committee Minutes

Ms. Zukowski moved to approve the minutes of October 13, 2020. Mrs. Leidlein seconds the motion. All in favor. Motion passes.

Item 2 Discussion of BOE CIP

Mr. Delia stated the estimate for the Hawley project came in higher than on the CIP. Mr. Gerbert said the estimate is \$1M higher at \$6.3M over our \$4.2M estimate by RZ Design on the CIP. We are hopeful we can trim this down. He also stated that we have been going off the RZ Design estimate since February of 2019 which leads to questions on how accurate they covered everything. The estimate we have now and being on the high side has more detail in it.

Mr. Adriani stated a meeting is set with the Architect to review the scope of the work and the estimate. He stressed that the cost is high and they really need to break it up in two phases, where phase 1 would include the 21 wing with the electrical upgrade, and phase 2 would include the 47 wing and any additional classrooms that do not have a/c in the 97 wing. He also stated that Gordon Johnson from Building & Site, has experience doing cost estimating and is working on an estimate to double check Christopher Williams Architects estimate.

Ms. Zukowski asked to define more clearly and to articulate what it is we are hoping to address with this project. She also asked if we can come up with what we are trying to address in the future.

Mr. Gerbert stated the overall goal is to provide good ventilation for the building and that we need to look at the school in three different components; 21 section, 48 section and 97 section. The 97 section has a proper HVAC system. The 48 section is out dated. The 21 section has nothing. The 21 section looks like there was some passive systems based on how closets were arranged. But it now looks like those areas have been closed up. He indicated that the indoor air quality study came back with good and bad results. The good is the 97 and 48 wing, which is reasonable for CO² numbers. The 21 section showed several levels that were elevated. He said

this is nothing that would lead to concerns but when the levels start to get to 1,000 and up you want to look at the threshold. Some of the classrooms are 700-800-900 and those are rooms that need the most attention. Splitting the job up is good.

Ms. Zukowski wanted a follow-up on the concept of the variable air system and variable coolant system. She stated the choice was to go to the variable coolant systems. She then asked what are the trade-offs of the two systems other than the cost of installing them and accessibility.

Mr. Adriani said we choose the Variable Air Volume system (VAV) vs. the Variable Volume Refrigerant (VVR). He said we chose the VAV because it is more traditional, you have more standard components, and you can use a control system vs. the VVR system where you are locked into proprietary controls by that manufacturer. Plus, the current systems being manufactured now have a refrigerant that will be phased out in 2024. While the refrigerant will be available, the cost of the refrigerant if you have a significant leak could be higher over time. He further stated putting in a system that could be obsolete in 10 yrs. is not something we want to spend millions of dollars on vs. putting in a system that is more traditional such as what was put in the Sandy Hook School. With the VVR system each room would have a condensate pump which is high maintenance. If you get a leak you have the potential for black mold and it becomes a maintenance nightmare and causes problems over time. With the VAV system there are lower costs and it allows you to better ventilate the building for conditions such as COVID.

Ms. Zukowski stated this estimate is based on VVR. Mr. Adriani said they were originally going down the path of the VVR. Once we told them the option we wanted was the VAR, the engineer started working on it and was trying to get the estimate more aligned.

Ms. Zukowski asked if we are expecting a new estimate.

Mr. Adriani stated the Board of Finance wanted a budget back and it now looks like we have until November 30th to get a more accurate estimate.

Ms. Zukowski asked when they come back with the VAV system could it be higher.

Mr. Adriani stated unless you have all your equipment size and what the actual costs are then the cost will not be over the extra \$1M. He stated that is why we are doing a double check and it is still early in the game as they have not laid out the job.

Ms. Zukowski asked about the contingency amount.

Mr. Adriani stated their contingency for design is more than what we are currently spending for the design now, so something is wrong there.

Ms. Zukowski stated the \$425K has already been paid for and it should not be on there.

Mr. Gerbert stated he thinks they are going to err on caution and have an inflated number until they get closer on an exact cost. As we move in the process then we will see some of these costs drop off.

Mr. Delia asked what is the phasing premium?

Mr. Gerbert stated it is probably due to working in summer with the possibility of working at night or limited to working during school breaks which is not uncommon to add in additional money for second shift work, or, if the project has to be done at certain periods to avoid occupancy at the school.

Mr. Delia asked about the estimate and stated it was very confusing over some of the costs. Mr. Adriani stated he would be covering some of these costs in the meeting with the Architect. Mr. Gerbert stated he thinks we will see the number come down from \$6.3M, which we want to see get down to \$4.2M but even if it got down to \$5M it is still a more reasonable number than \$6.3M.

Mrs. Vadas stated going through the estimate she did not see labor costs. She asked at what point they can get closer in the number since we have a timeline.

Mr. Adriani stated we can give a number to the Board of Finance saying we are still refining the number and let the Legislative Council decide.

Mrs. Vadas stated the numbers are so escalated and some items are duplicated and asked how do you present that to the Board of Finance.

Dr. Rodrigue stated she is thinking about the timeline in this process and it's not that this was higher than we thought and they won't have a more accurate cost until they get closer to it. She asked if we were too late and should we have done this earlier? She further stated she does not want to get into a situation where we are barely making the timeline for the Board of Finance and as a result we may be splitting up a project that has been put off for a decade. She asked if it is a matter of timeline that we missed out on and what is the right balance of process. She further said we were pushed into getting an estimate from RZ Design 3 years in advance and they did not include a lot of things they should have.

Mr. Delia commented that we should have them review their estimate and present it to the Board of Finance and tell the Legislative Council that it will get refined further as the project gets closer.

Mr. Gerbert said it is a process where we do iteration after iteration. Usually a design process is 30%, 60%, 90% and we are probably at the 30% mark. Hopefully the next round is closer to 50%, and in December or January we will be at 90% with a higher confidence in what the number will be because the design is farther along.

Mr. Adriani stated in the estimate they included replacing all of the rooftop units for the 97 wing which we don't need to include as part of this project.

Mr. Gerbert said that is correct and we could pull that cost. He further said if we take that out and you pull out the associated percentage which is at 40%, that would be around \$300K in savings.

Mr. Adriani said the existing 97 wing went through more detail and was more like \$320K for the additional work; so it could be closer to \$400K that we could pull out of the estimate.

Dr. Rodrigue asked Mr. Adriani if it is typical to go in between the Board of Finance and the Legislative Council with numbers that go up or down along the way as a future process. She said when we do get to either Boards they want a pretty accurate number. She then asked is that typical meandering between the two and not having an accurate estimate?

Mr. Adriani stated the Board of Finance could be willing to pass it on with the understanding that a final of the estimate will come later on.

Ms. Zukowski stated she recalled by previous conversation that we would get a more defensible estimate by January 1st. She wondered if this number could halt the whole project again and put us in a much worse place. If VAR comes in more expensive then do you run it in two phases? Mr. Adriani stated we will have to discuss this with the Architect and how to split it up.

Ms. Zukowski asked if this is an ongoing conversation.

Mr. Adriani said yes and we have to work with both the architect and engineers to determine a path forward to get the cost down. He stated this is not a one week process.

Ms. Zukowski asked Dr. Rodrigue, Dr. Ku and Mr. Delia if it comes down to the cost, and it is significantly over and above what is expected and could therefore causes problems, will the board and administration be in a position to vote on which approach to take?

Dr. Rodrigue said she believes under the CIP we have passed this on to the Board of Finance so we will go to them as to the actual cost and a better estimate but then it goes on to the Legislative Council. The approach however in splitting would be a discussion with the Architects, Building & Site and the Sustainable Energy Committee weighing in on a best course of action.

Mr. Adriani stated that is correct.

Dr. Ku stated this is a Public Building & Site project at this point. We have the Board of Education representatives. If there are educational issues or if the Board of Education wants to weigh in on the terms of splitting up vs. could we do without certain pieces of this project. We don't get to make those decisions at this point.

Mrs. Leidlein stated when the CIP is looked at we typically do projects over the summer when students are not in school, and getting numbers closer to that time is more advantageous but because we have to do it in the fall it does make this more challenging. She also stated in the past if there is a phasing of a project into two phases as opposed to one phase there is some escalation in the price because some things may have to be redone twice. She wondered if this is true in this situation?

Mr. Adriani stated if we split the project into two phases each phase would be lower but the total cost would be higher. We have to look at it and figure it out.

Mr. Adriani further stated if we budgeted at \$4.2M and do as much as we can for \$4.2M when we do the escalation, it is not as high when you ask for the money.

Mrs. Leidlein said she was disappointed that the bid came in as high as it did and she is anxious to hear outcome of the discussion with the Architect.

Ms. Zukowski stated it sounds like there would be two potential CIP projects; phase 1 plus electrical, and phase 2 would be a completely new CIP process.

Mr. Adriani said that is correct on two CIP projects.

Dr. Rodrigue thanked Mr. Adriani for pushing the timeline for us and his support was appreciated.

Mr. Adriani said we want to support you and make it work to see the whole project go through.

Dr. Ku also thanked Mr. Adriani for being at the meeting and sharing information with us. She shared a perspective on the Hawley project; she did a retrospective look back on the Hawley project and it has been split up and proposed on many different occasions and it has ranged from anywhere from \$3M to \$8M over the years and always done in different phases.

Ms. Zukowski stated she remembers it has always been on the CIP and asked has anything actually been accomplished on the building that was a portion of that project?

Mr. Gerbert said there was a climate study done which identified a number of projects for the school. The heating system has been done. He said we do have a state of art heating system, and it works great with high efficiency equipment, and good life expectancy.

The other part which still remains is the HVAC side.

Public Comment: No public comment

Adjournment:

Mrs. Zukowski moved to adjourn the meeting. Ms. Leidlein seconds the motion. All in favor. Motion passes and the meeting was adjourned at 6:15pm.

Respectfully Submitted,
Joanne Morris

THESE ARE DRAFT MINUTES AND ARE SUBJECT TO THE APPROVAL OF THE BOE
CIP/FACILITIES/FINANCE SUB COMMITTEE

**NEWTOWN BOARD OF EDUCATION
SUMMARY - CAPITAL IMPROVEMENT PLAN
2021/22 TO 2025/26**

Approved by the Board of Education
on 7/7/2020

INITIAL FIVE YEARS

CIP Item #	Location	Description of Project	Year 1	Year 2	Year 3	NO BONDING Year 4	Year 5	TOTALS
			2021/22	2022/23	2023/24	2024/25	2025/26	
1	Hawley Elem.	Ventilation, HVAC Renovations	\$1,500,000	\$2,500,000	\$4,000,000			
8	Hawley Elem.	Generator - 80KW <i>(whole school reduced to essential components only)</i>	\$250,000			\$0		\$8,250,000
9	Middle Gate Elem	Energy Project window modifications				\$0		\$0
6	Head O'Meadow	Boilers, water heater, VFD & pump replacements with LED lighting	\$425,500		\$424,500	\$0		\$850,000
3	Reed Intermediate	Install high efficiency gas boilers & LED lighting conversion	\$1,539,894		\$0			\$1,539,894
4	Middle School	Engineering for Improvements			\$300,000			
5	Middle School	Improvements					\$3,782,228	\$4,082,228
2	High School	Replace/restore stadium turf field & track <i>(11th year)</i>	\$795,000	\$0				
7	High School	Create turf practice field rear of school						
-	High School	Rear Practice fields facilities and storage <i>(moved back one year)</i>					\$0	\$795,000
TOTAL COSTS OF ALL PROJECTS			\$4,510,394	\$2,500,000	\$4,724,500	\$0	\$3,782,228	\$15,517,122
TOTAL TO BE BONDED			\$4,510,394	\$2,500,000	\$4,724,500	\$0	\$3,782,228	\$15,517,122

Previous BOE approved CIP amounts (November 6, 2019)	\$4,712,000	\$1,752,730	\$4,565,812	\$2,000,000	\$2,504,000	\$15,534,542
Difference to previously approved plan	\$282,720	\$87,164	\$66,417	-\$2,000,000	-\$154,000	-\$1,717,699

Eligibility for project inclusion on the CIP is that the cost must exceed \$200,000.
2017-18 Reimbursement rate 36.43%

Construction inflation estimate 6.0%

**NEWTOWN BOARD OF EDUCATION
SUMMARY - CAPITAL IMPROVEMENT PLAN
2026/27 TO 2030/31**

Approved by the Board of Education
on 7/7/2020

SECOND FIVE YEARS

CIP Item #	Location	Description of Project	Year 6	Year 7	Year 8	NO BONDING Year 9	Year 10	TOTALS
			2026/27	2027/28	2028/29	2029/30	2030/31	
	Hawley Elem.	Classroom renovations '21 section (ceilings, lighting, floors, etc.) Repave entire parking lot, curbing, sidewalks Elevator to café	\$318,000	\$1,011,240 \$0	\$1,378,000	\$0		\$2,707,240
	Sandy Hook							\$0
	Middle Gate Elem	Repave entire parking lot, curbing, sidewalks Complete kitchen renovation Ventilation, HVAC Renovations	\$1,000,000	\$1,378,000	\$0 \$397,500	\$0	\$300,000	\$3,075,500
	Head O'Meadow	Replace/update A/C Re roofing/restoration		\$2,696,640	\$6,179,800 \$0	\$0		\$8,876,440
	Reed Intermediate	Repave entire parking lot, curbing, sidewalks Re roof entire building (solar remove & reinstall \$225K)	\$3,710,000	\$2,120,000 \$0	\$0			\$5,830,000
	Middle School	Repave entire parking lot, curbing, sidewalks Window replacements (front of building) Library and science lab renovations Complete kitchen renovation	\$795,000	\$3,710,000 \$0	\$1,685,400 \$0	\$0	\$1,000,000	\$7,190,400
	High School	Re roofing/restoration HVAC equipment replacements Athletic/Stadium field house and storage Rear Practice fields facilities and storage <i>(moved back one year)</i> <i>Rear Practice Field</i>	\$2,921,360 \$954,000 \$1,000,000	\$0 \$1,685,400	\$0	\$0	\$5,300,000	\$11,860,760
TOTAL COSTS OF ALL PROJECTS			\$10,698,360	\$12,601,280	\$9,640,700	\$0	\$6,600,000	\$39,540,340
TOTAL TO BE BONDED			\$10,698,360	\$12,601,280	\$9,640,700	\$0	\$6,600,000	\$39,540,340

2021/22 through 2030/31 CIP Summary of BoF Discussions

TO: Newtown Legislative Council
FROM: Sandy Roussas, Chair and Keith Alexander Vice Chair
DATE: Nov 30, 2020

Talk of air conditioning (A/C) Hawley School has been active discussion and CIP project since at least 200x, and probably for long before that.

More than in years past, the Board of Finance dove deeply into the proposed Combined CIP for 2021/22 through 2030/31 CIP. To augment the traditional verbal presentation of the CIP the BoF makes to Legislative Council this summary of our investigation, findings and discussions is presented. We hope that it will save LC members time and effort in your considerations to the CIP.

The CIP we are presenting to LC has 10 changes from the Combined CIP presented to the BoF. Attachment A. This document presents detailed explanatory information on Hawley HVAC and background on the other changes

BOE-01 Hawley HVAC

Supporting information on this project is contained in minutes in a number of BOE, BOE CIP/Finance/Administration Subcommittee, BoF and Public Building and Site (PB&S). Attachment B has a list of these meetings and link to their minutes

Project Timing

Design and Bid

To date the design project is approximately 50% complete. The first air quality measurement was completed in October and a Conceptual Estimate has been submitted. The amount for this project submitted in the Combined CIP is \$4,199,720.

Remaining milestones to complete the engineering design study through contract awards have not changed since the project was awarded last summer to Christopher Williams Architects, LLC (CWA). However, the second air quality study has been delayed due to Covid-19 closures and additional time has been spent on early estimating cycles.

- Second air quality measurement study – Week of December 9, 2020 if back to in person classes
- On-board Construction Manager – Help Wanted ad in 12/4 Bee (10 days open) On board Mid-January 2021
- Engineering design and drawings completed (Final Design) – March 2021
- Release bid packages – April 2021
This may be delayed for determination of construction logistics and how to house classes outside the construction area
- Construction Contract Awards – June 2021

Current Conceptual Estimate

Newtown Board of Finance

In October, the BOE was presented an estimate which came to slightly over \$6 million. After meetings with BOE, PB&S and CWA a Conceptual Estimate was prepared by MEP Cost LLC which totals \$7.3 million. This estimate is what has been reviewed by the BoF

Some of remaining items are not addressed by or that could impact the project cost include:

- Contingencies. The Conceptual Estimate has 10% design contingency which will be removed when design is complete. PB&S is looking for additional contingencies in the final design estimate
- Alternative classroom accommodation. How this will be done (trailers, redistricting, remote learning, or other)
- Time and costs required from last day of school to having the building cleared of desks, chairs, supplies and equipment has not been described. Similarly, time and cost of moving back in
- Costs associated with the following items are not included in the estimate:
 - - code upgrades (eg: building, seismic, fire alarm, fire protection, life safety, etc).
 - - firesafing of any existing penetrations.
 - - roof warranty extension (after repairs/patching for HVAC upgrade work).
 - - state sales tax.
 - - soft costs (design fees, bldg permits, etc).

Planning these items is an immediate task for the Construction Manager.

Construction Timeframes

Lead time from Construction Contract Award to having needed crew, supplies and equipment to start construction is to be determined. (PB&S mentioned 90 to 120 days lead for some of the equipment) The most recent phasing has been described as:

- Phase I 1921 building structural steel, ducting, and HVAC equipment. Electrical upgrades for all buildings and Building Management system “brain” for all buildings. In the 1921 building there are 11 classrooms, cafeteria, multipurpose room and offices.
- Phase II 1948 building and 1997 classrooms ducting and HVAC equipment. In the 1948 building and east end of the 1997 building there are 12 classrooms, art rooms, specialty rooms and bathrooms
- Phase III 1997 building replacement of roof top equipment

Currently Phases I and II are expected to take five months. During these phases alternative locations for classes that would have met in the building under construction will require. As mention above, this had not been planned out. Given the timeline above, Phase I cannot be done in the summer 2021. However, some of Phase I could, and possibly should, be done while class is in session. This flexibility is why holding the bonding referendum in November 2021 does not delay project completion.

Final phasing and schedule determination will be more clearly understood upon completion of design, and absolutely known when bid responses are received. Here again this is dependent on promptly putting a Construction Manager in place.

Project Scope

The Hawley HVAC project has been promoted due to ventilation necessary to remediate unhealthy air quality. The October 2020 air quality measurement study conducted as part of the Engineering Design project did not find unhealthy air quality. The study noted that temperature and humidity were above range primarily in the 1921 building. It is true that there is a real problem for classrooms facing Church Hill Road that windows are not opened due to traffic noise

Newtown Board of Finance

The Conceptual Estimate includes new ventilation (ducting, building management, and outside equipment), air cooling capability and retiring some of the current heating system.

History of Hawley HVAC

While conventional wisdom is that delay increases cost. There has been considerable discussion of the length of time air conditioning Hawley School has been discussed. Reference has been made to a \$10 million project. And a 2015 proposal totaling \$14million. Hawley HVAC does not appear in the 2017/18 to 2021/22, 2016/17 to 2020/21 nor 2015/16 to 2019/20 CIPS.

Reflecting Hawley HVAC in the CIP

We agreed that a sufficiently solid project estimate would be available for an April 2021 referendum. Since we also believe the whole project should be voted on, the next opportunity would be November 2021. The amounts in the CIP should be considered placeholders. By the August 2021 deadline for November referendum the LC should have solid numbers.

Other CIP Projects Years 1 through 5

By moving approximately \$3million out of Year 1 and increasing the project by nearly \$4million, we moved some CIP projects that were in the first 5 years to level the 5 Year CIP bonding amounts. Specifically:

1. Move BOE-03 Reed "Boiler Plant & Lighting" from Year 3 to Year 1.
2. Move BOE Middle School Improvements from Year 3 to Year 5 and also Middle School Engineering project from Year 2 to Year 3
3. Move BOE-07 Middle Gate Window Modifications and High School turf from Year 5 to Year 6.
4. Move the BOE-06 Hawley Generator from Year 5 to Year 1.

When Mr. Tait presented Combined CIP in September, he pointed out that bonding in years 6 through 10 was too high and needed to be reduced. As submitted 75.9% of bonding was for projects submitted by the BOE. Most of these projects are for replacement of items that are beyond their expected useful life. The above actions make that situation worse.

LIB-01 C H Booth Library – Repaving

Increase LIB-01 for 2023/24 by \$396,000 for Repaving Parking Lot Replace Sidewalks

Discussion: Other repaving parking projects in the CIP average \$13.08 per sq yard. The \$135,000 in the CIP for Booth Library is only \$4.09 per square yard. This increased the amount of the library to about \$13.00 per sq yard.

Also recommend that during the project that a drive through drop off be made from the handicap parking dead-end. This is an Age Friendly Livable Community recommendation. Consider dropping off someone (with cane, walker etc.), go park, and meet back inside. For the library that would start with the dead-end drive that has 4 handicap spaces. What if they are full? After dropping off their passenger, the driver then has to back-up, turn-around, make a left turn onto Main St, then a left turn into the library's parking lot. None of these steps are stress free for many senior drivers.

Project #	Year	Amount	Description	Approx # Spaces	Approx Area	Dollars / Spaces	Dollars per Area
ETH-01	22/23	\$450,000	ETH Parking Lot Improvements	174	33,000	\$ 2,586	\$ 13.64

Newtown Board of Finance

LIB-01	23/24	\$135,000	CH Booth Repave parking lot; Replace sidewalks	79	33,000	\$ 1,709	\$ 4.09
P&R-03	23/24	\$500,000	Lake L Resurface parking Lot, repair boat ramp, boat dockage, Add picnic pavilion	100	36,000	\$ 5,000	\$ 13.89
BOE-17	27/28	\$2,120,000	Reed - Repave Parking Lot, Curbing, Sidewalks	235	161,285	\$ 9,021	\$ 13.14
BOE-15	27/28	\$1,378,000	Middle Gate – Repave entire parking lot, curbing sidewalks	127	68,770	\$10,850	\$ 20.04
BOE-20	28/29	\$1,378,000	Hawley – Repave Parking Lot, Curbing, Sidewalks	98	79,400	\$14,061	\$ 17.36
BOE-23	28/29	\$1,685,400	Middle School – Parking Lot, Curbing, Sidewalks	227	173,125	\$ 7,425	\$ 9.74
		\$7,646,400	All Parking Projects	1040	584,580	\$ 7,352	\$ 13.08

HOM “Boiler Plant & Lighting”

The Head O’Meadow has an oil boiler so the Eversource incentive for conversion to LED light is not bundled with the conversion to a new gas boiler as it was for Hawley, Reed, and the High School. SEC indicated that conversion to LED lighting has a five year return on the investment.

Attachment A – BoF Changes to the CIP

Taken from the minutes of the November 30, 2020 Board of Finance Special Meeting

5. Change BOE-01 Hawley HVAC to have \$1.5MM to Year 1 and \$2.5MM to Year 2 and \$4MM to Year 3.
6. Move BOE-03 Reed “Boiler Plant & Lighting” To Year 1.
7. Move BOE-04 Middle School Improvements to Year 5 and also Middle School Engineering project to Year 3
8. Move BOE-07 Middle Gate Window Modifications and High School turf to Year 6.
9. Move the BOE-06 Hawley Generator to Year 1.
10. Rename of BOE-04 Middle School Improvements be changed to Middle School HVAC
11. Split BOE-05 HOM “Boiler Plant & Lighting” into Head O’Meadow Boiler Plant \$425,000 for 2023/24 Bonded and Head O’Meadow LED Lighting \$425,500 for 2021/2022 funded from Other (\$26,500 vender incentive) and General Funds.
12. Rename of PW-03 Multi-Purpose Building Improvements be changed to Multi-Purpose Building Electrical, Mechanical & HVAC.
13. Add Fairfield Hills Water Infrastructure \$750,000 for 2026/27 bonded.
14. Increase LIB-01 for 2023/24 be increased by \$396,000 for Repaving Parking Lot Replace Sidewalks
15. Recommend that the Board of Education with support from Sustainable Energy Commission review projects such as High School Pool Room Energy Recovery, Middle School Boiler Redundancy and High School Roof Top HVAC for possible inclusion in next year’s CIP request.

Attachment B – Meetings where the proposed Combined CIP was discussed

BOE CIP/Finance/Administration Sub Committee October 13, 2020

http://www.newtown.k12.ct.us/theme/files/Board%20of%20Education/BOE%20Subcomm/2020-2021/10_13_20_BOECIP%20_Minutes_Att.pdf

BOE CIP/Finance/Administration Sub Committee November 11, 2020

http://www.newtown.k12.ct.us/theme/files/Board%20of%20Education/BOE%20Subcomm/2020-2021/11_11_20%20BOE%20CIP%20Minutes_att1.pdf

Public Building and Site October 27, 2020

https://www.newtown-ct.gov/sites/g/files/vyhlf3546/f/minutes/pbsc_mins_10-27.pdf

Public Building and Site November 24, 2020

https://www.newtown-ct.gov/sites/g/files/vyhlf3546/f/minutes/pbsc_11-24_mins.pdf

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BOARD OF FINANCE
MINUTES
SPECIAL MEETING

Monday, November 30, 2020 at 7:30 p.m.

These minutes are subject to approval by the Board of Finance

Present: Sandy Roussas, Keith Alexander, Ned Simpson, Chris Gardner, John Madzula and Matthew Mihalcik

Also Present: First Selectman Dan Rosenthal, Finance Director, Bob Tait, Superintendent, Dr. Lorrie Rodrigue, BOE Chair, Dr. Michelle Ku, Director of Facilities, Bob Gerbert, BOE Member, Deb Zukowski, BOE Member, Dan Delia, Public Building and Site Chair, Bob Mitchell, Sustainable Energy Commission Member, Allen Adriani and five members of the Public.

Sandy Roussas called the meeting to order at 7:31 p.m. Attendees saluted the American Flag.

Voter Comments

Dr. Lorrie Rodrigue, Superintendent, spoke on behalf of her educational perspective regarding the importance of a reliable ventilation system in all of the schools; specifically pushing Hawley HVAC will affect Reed and the Middle School plans on the CIP. She noted relying on Public Building and Site for their expertise on how this project unfolds.

Michelle Ku, BOE Chair, commented that she appreciates the Board and their careful consideration, but hopes the Board accepts the project on the CIP that ultimately begins 2021 (see attached).

Jennifer Padilla, 32 Glenn Road, commented as a parent and not that of a Co-President of the Hawley PTA. Mrs. Padilla believes this is about fresh air and what is conducive to the staff and the students. She noted Hawley is the oldest school building, but this is an airborne pandemic and intimately affects those at Hawley. Mrs. Padilla noted that this is a critical decision and hopes this project is not pushed any further.

Communications

Chair Roussas shared correspondence regarding Hawley HVAC project from BOE Chair Michelle Ku and Nancy White (see attached).

Minutes

Keith Alexander moved to approve the minutes of November 9, 2020. Chris Gardner seconded. All in favor and motion passes.

First Selectman's Report

First Selectman Rosenthal did not have a report.

Finance Director's Report

Finance Director, Bob Tait, did not have a report

Unfinished Business

BOE CIP

Public Building and Site Chair discussed the Hawley HVAC project at their meeting last week. Chair Bob Mitchell summarized PB&S previous discussion: the Conceptual Estimate shows a \$7.3MM project, the October air quality study to not find air quality concerns, a second air quality study is planned for early December, heat and humidity, particularly in the 1921 building is an issue, opening windows on Churchill Road is not an option for fresh air, design completion is expected by April and with this schedule it is not possible to start substantial work in the summer of 2021. Mr. Mitchell emphasized that it is essential to bring a Construction Manager into the project now to help with phasing the budget and complete the pre construction work plan and estimates. Public Building and Site will meet with Chris Williams, President Christopher William Architects LLC, Dr. Rodrigue and Bob Gerbert to attempt to solidify a plan. Opening windows no longer count as clean air, so Allen Adriani and the Sustainable Energy Commission will be called upon to address this piece. Chair Roussas asked at what point do they achieve high confidence in terms of the numbers referencing the deadline for Legislative Council to approve the CIP (January 31) and having a solid amount for an April Town referendum vote. The First Selectman responded to Chair Roussas' question that in order for it to be put on the April ballot, the numbers need to be set by February. Mr. Mitchell stated that this would be aggressive, but with the right Construction Manager it could possibly be done. Mr. Mihalcik pointed to a 2014 \$14MM proposal to air condition Hawley, which is relative to his concern that the project cost could escalate significantly. Mr. Mitchell said a rough estimate right now is \$7.3MM. There are things missing in that estimate highlighting again the critical importance of getting a Construction Manager on board. Given that design estimates will not be complete until spring and that substantial construction would not start until the summer of 2022, targeting the referendum for November 2021 would not delay the project and assure voters are presented a solid cost. Mr. Madzula suggested that the major electrical work could be done during the school year. The timing of design, construction start and amounts in various CIP years was further discussed. The First Selectman suggested putting \$1MM in Year 1 of the CIP to act as a placeholder in 2021 to commence the project. Mr. Simpson expressed concern that it has not been determined how, nor how much it will cost to have half of the classes accommodated for the months when construction is underway. The Board discussed further. Mr. Gardner expressed his sincere disappointment that this project has been on the CIP for over a decade. Chair Roussas countered that she is extremely proud of this Board for being diligent in obtaining the details of this project. Matt Mihalcik added that there are too many unknowns to vote on this project tonight. Mr. Mitchell supported planning for a November referendum and with consensus a November ballot seems more reasonable and would not affect the actual construction. Discussion focused on how what amounts should be in the CIP and then sent to LC.

Matt Mihalcik made a motion to accept CIP as presented. John Madzula seconded.

The following amendments to the main motion above were addressed:

Matt Mihalcik made a motion to change BOE-01 Hawley HVAC to have \$1.5MM to Year 1 and \$2.5MM to Year 2 and \$4MM to Year 3. Ned Simpson seconded. All in favor and motion passes.

Matt Mihalcik made a motion to change BOE-03 Reed Boiler Plant & Lighting To Year 1. Chris Gardner seconded. All in favor and motion passes.

Matt Mihalcik made a motion to change BOE Middle School Improvements to Year 5 and also Middle School Improvements Design to Year 3. Chris Gardner seconded. All in favor and motion passes.

Chris Gardner made a motion to move Hawley generator, Middle Gate Window Modifications and High School Turf Practice Field to Year 6. Matt Mihalcik seconded. Chris Gardner amended his motion to move Middle Gate Window Modifications and High School Turf Practice Field to Year 6. All in favor and motion passes.

Matt Mihalcik made a motion to move the Hawley Generator to Year 1. Chris Gardner seconded. All in favor and motion passes.

Ned Simpson moved that the name of BOE-04 Middle School Improvements be changed to Middle School HVAC for years 2022/23 and 2023/24. Chris Gardner seconded. All in favor and motion passes.

Ned Simpson moved that the BOE-05 HOM Boiler Plant & Lighting be split into Head O'Meadow Boiler Plant \$425,000 for 2023/24 Bonded and Head O'Meadow LED Lighting \$425,500 for 2021/2022 funded from Other (\$26,500 vender incentive) and General Funds. Chris Gardner seconded. All in favor and motion passes.

Additional projects such as High School Pool Room Energy Recovery, Middle School Boiler Redundancy and High School Roof Top HVAC should be sent to Sustainable Energy Commission next year for careful review in the latter part of the CIP.

BOS CIP

Ned Simpson made a motion that the name of PW-03 Multi-Purpose Building Improvements be changed to Multi-Purpose Building Electrical, Mechanical & HVAC. Matt Mihalcik seconded. All in favor and motion passes.

Ned Simpson made a motion to add Fairfield Hills Water Infrastructure \$750,000 for 2026/27. Chris Gardner seconded. All in favor and motion passes.

Ned Simpson made a motion to move that LIB-01 for 2023/24 be increased by \$396,000 for Repaving Parking Lot Replace Sidewalks. Matt Mihalcik seconded. All in favor and motion passes.

Roll Call (on the main motion as amended)

Sandy Roussas - Aye
Keith Alexander - Aye
Ned Simpson - Aye
Chris Gardner - Aye
John Madzula - Aye
Matthew Mihalcik - Aye

Chair Roussas said the Grand List and BOE Non Lapsing Account Policy will be discussed at the next meeting.

New Business

None

Voter Comments

Allen Adriani expressed his concern that the Hawley generator takes precedence over the HOM Boiler that is 43 years old.

Michelle Ku thanked the Board for their honest conversation and dedicated work in making this come together as well as Bob Tait and First Selectman Rosenthal for their financial expertise. Dr Ku also thanked Bob Mitchell and Allen Adriani for their efforts as well.

Announcements

The BOF will present this to the Legislative Council at their next meeting.

Adjournment

Keith Alexander made a motion to adjourn. John Madzula seconded. All members were in favor and the meeting was adjourned at 9:22 pm.

Respectfully submitted,
Kiley Morrison Gottschalk, Clerk

Attachments

Hawley HVAC correspondence

----- Forwarded message -----

From: **Ku, Michelle** <kum_boe@newtown.k12.ct.us>

Date: Mon, Nov 30, 2020 at 11:49 AM

Subject: Hawley HVAC - BOE CIP

To: Roussas, Sandy <sandyroussasBOF@gmail.com>, Alexander, Keith <alexanderk.bof@gmail.com>, Chris Gardner <cgardner4242@gmail.com>, John Madzula <jsmadzula2@gmail.com>, Matthew Mihalcik <mattmihalcik@gmail.com>, Ned Simpson <neds2124@gmail.com>

Cc: Lorrie Rodrigue <rodrigue@newtown.k12.ct.us>

Dear Board of Finance Members,

I wanted to share some thoughts in advance of this evening's meeting and can speak to them in more detail, as we will also be at the BOF meeting this evening to answer any remaining questions about the BOE's CIP.

I appreciate the Board of Finance's careful consideration of the Hawley HVAC project and the complexities it brings. Ultimately, I hope that you approve a plan that will allow the construction to begin this year, as I think this project is important and long overdue. The Board of Education has had ventilation projects for three different schools on 5-year plans for more than a decade. Meanwhile, the need for updated temperature control and ventilation has become increasingly apparent. Additionally, when these large projects are continually delayed, it has the overall effect of decreasing the long term investment in schools.

In this context, the trend in debt service is worth paying attention to. In 2015, schools made up 62% of the previous 20 years of bonding. And five years ago 52% of the debt service was attributable to BOE projects. At this time, approximately 40% of Newtown's total debt service is due to Board of Education projects. Looking forward, BOE capital projects account for just 24% of the next five years of capital improvement projects in Newtown (as presented in the CIP plan – that is, before adjustments for Hawley, FFH or any other changes). Clearly, there can be purposeful reasons for a downward trend in capital spending on school buildings as the infrastructural needs of a community change over time, but the sharp trend downward is worth discussing as decisions are made.

The Hawley HVAC/ventilation project is complex not only because of the nature of the project, but also because of the timing for construction and financial review. I appreciate the thoughtfulness and expertise that both you and the members of Public Building and Site bring to the project, and am optimistic that we can work together to make the project successful.

Sincerely,

Michelle Embree Ku
Newtown Board of Education, Chair
203-364-9862

bcc: Newtown BOE – informational

----- Forwarded message -----

From: **Nancy Gabrielle White** <nancygwhite@yahoo.com>

Date: Mon, Nov 30, 2020 at 1:50 PM

Subject: Letter 11/30/20

To: Alexander, Keith <alexanderk.bof@gmail.com>, Chris Gardner <cgardner4242@gmail.com>, John Madzula <jsmadzula2@gmail.com>, Matthew Mihalcik <mattmihalcik@gmail.com>, Ned Simpson <neds2124@gmail.com>, Roussas, Sandy <sandyroussasBOF@gmail.com>

November 30, 2020

Dear Newtown Board of Finance,

Tonight you will be meeting to discuss the Hawley HVAC project on the Board of Education (BOE) Capital Improvement Project (CIP) list. We have had this project on and off the CIP for what seems close to 12 years. This project needs to be completed to improve the air quality at Hawley as the majority of the building is not receiving outside fresh air on a daily basis. The original section can't even open up windows on super hot days due to all the noise from Church Hill Road traffic. The temperatures in those classrooms on certain days reaches well into the 90s on the upper floors.

**NEWTOWN BOARD OF EDUCATION
2020-21 BUDGET SUMMARY REPORT
FOR THE MONTH ENDING NOVEMBER 30, 2020**

REVISED

DRAFT

OBJECT CODE	EXPENSE CATEGORY	EXPENDED 2019 - 2020	2020 - 2021 APPROVED BUDGET	CURRENT BUDGET	YTD EXPENDITURE	ENCUMBER	BALANCE	ANTICIPATED OBLIGATIONS	PROJECTED BALANCE	% EXP
<u>GENERAL FUND BUDGET</u>										
100	SALARIES	\$ 49,586,526	\$ 51,044,554	\$ 51,044,554	\$ 15,210,733	\$ 34,672,327	\$ 1,161,494	\$ 971,059	\$ 190,435	99.63%
200	EMPLOYEE BENEFITS	\$ 11,126,524	\$ 11,435,283	\$ 11,435,283	\$ 5,780,749	\$ 4,285,980	\$ 1,368,553	\$ 1,423,133	\$ (54,579)	100.48%
300	PROFESSIONAL SERVICES	\$ 659,940	\$ 751,382	\$ 751,382	\$ 202,255	\$ 28,227	\$ 520,900	\$ 451,625	\$ 69,276	90.78%
400	PURCHASED PROPERTY SERV.	\$ 2,304,638	\$ 1,884,463	\$ 1,884,463	\$ 760,682	\$ 510,969	\$ 612,812	\$ 558,399	\$ 54,413	97.11%
500	OTHER PURCHASED SERVICES	\$ 8,823,709	\$ 9,314,942	\$ 9,314,942	\$ 3,320,736	\$ 5,997,425	\$ (3,219)	\$ (312,032)	\$ 308,813	96.68%
600	SUPPLIES	\$ 3,347,825	\$ 3,498,335	\$ 3,498,335	\$ 1,596,506	\$ 248,096	\$ 1,653,733	\$ 1,650,743	\$ 2,990	99.91%
700	PROPERTY	\$ 831,904	\$ 549,402	\$ 549,402	\$ 887,308	\$ 345,620	\$ (683,526)	\$ 9,000	\$ (692,526)	226.05%
800	MISCELLANEOUS	\$ 66,090	\$ 73,415	\$ 73,415	\$ 54,276	\$ 3,010	\$ 16,129	\$ 16,129	\$ -	100.00%
910	SPECIAL ED CONTINGENCY	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	100.00%
TOTAL GENERAL FUND BUDGET		\$ 76,747,157	\$ 78,651,776	\$ 78,651,776	\$ 27,813,244	\$ 46,091,654	\$ 4,746,877	\$ 4,868,056	\$ (121,179)	100.15%
900	TRANSFER NON-LAPSING									
GRAND TOTAL		\$ 76,747,157	\$ 78,651,776	\$ 78,651,776	\$ 27,813,244	\$ 46,091,654	\$ 4,746,877	\$ 4,868,056	\$ (121,179)	100.15%

OBJECT CODE	EXPENSE CATEGORY	2020 - 2021		CURRENT BUDGET	YTD EXPENDITURE	ENCUMBER	BALANCE	ANTICIPATED OBLIGATIONS	PROJECTED BALANCE	% EXP
		EXPENDED 2019 - 2020	APPROVED BUDGET							
100	SALARIES									
	Administrative Salaries	\$ 4,163,820	\$ 4,160,309	\$ 4,160,309	\$ 1,643,028	\$ 2,524,652	\$ (7,370)	\$ -	\$ (7,370)	100.18%
	Teachers & Specialists Salaries	\$ 31,619,798	\$ 32,219,745	\$ 32,219,745	\$ 8,824,358	\$ 23,684,678	\$ (289,292)	\$ 15,000	\$ (304,292)	100.94%
	Early Retirement	\$ 32,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	\$ -	\$ -	\$ -	100.00%
	Continuing Ed./Summer School	\$ 92,408	\$ 93,096	\$ 93,096	\$ 40,789	\$ 29,117	\$ 23,190	\$ 3,750	\$ 19,440	79.12%
	Homebound & Tutors Salaries	\$ 88,213	\$ 185,336	\$ 185,336	\$ 18,456	\$ 18,135	\$ 148,745	\$ 147,791	\$ 955	99.48%
	Certified Substitutes	\$ 548,648	\$ 698,193	\$ 698,193	\$ 239,751	\$ 338,235	\$ 120,207	\$ 125,000	\$ (4,793)	100.69%
	Coaching/Activities	\$ 643,256	\$ 656,571	\$ 656,571	\$ 184,804	\$ -	\$ 471,767	\$ 433,634	\$ 38,133	94.19%
	Staff & Program Development	\$ 173,319	\$ 143,517	\$ 143,517	\$ 70,835	\$ 30,262	\$ 42,420	\$ -	\$ 42,420	70.44%
	CERTIFIED SALARIES	\$ 37,361,462	\$ 38,172,767	\$ 38,172,767	\$ 11,038,022	\$ 26,625,079	\$ 509,667	\$ 725,174	\$ (215,508)	100.56%
	Supervisors & Technology Salaries	\$ 917,739	\$ 945,154	\$ 945,154	\$ 414,799	\$ 519,045	\$ 11,310	\$ 65,245	\$ (53,935)	105.71%
	Clerical & Secretarial Salaries	\$ 2,310,741	\$ 2,362,981	\$ 2,362,981	\$ 812,763	\$ 1,440,175	\$ 110,043	\$ 2,947	\$ 107,096	95.47%
	Educational Assistants	\$ 2,743,151	\$ 2,875,564	\$ 2,875,564	\$ 716,330	\$ 1,892,655	\$ 266,580	\$ -	\$ 266,580	90.73%
	Nurses & Medical Advisors	\$ 764,244	\$ 801,532	\$ 801,532	\$ 215,237	\$ 629,252	\$ (42,957)	\$ -	\$ (42,957)	105.36%
	Custodial & Maint. Salaries	\$ 3,144,919	\$ 3,263,032	\$ 3,263,032	\$ 1,199,312	\$ 1,962,852	\$ 100,868	\$ 45,000	\$ 55,868	98.29%
	Non-Certied Adj & Bus Drivers Salaries	\$ 22,043	\$ 81,607	\$ 81,607	\$ 5,297	\$ 22,255	\$ 54,055	\$ 28,000	\$ 26,055	68.07%
	Career/Job Salaries	\$ 117,954	\$ 183,209	\$ 183,209	\$ 57,406	\$ 144,599	\$ (18,796)	\$ (82,500)	\$ 63,704	65.23%
	Special Education Svcs Salaries	\$ 1,224,685	\$ 1,355,856	\$ 1,355,856	\$ 371,798	\$ 1,006,751	\$ (22,693)	\$ (53,731)	\$ 31,038	97.71%
	Security Salaries & Attendance	\$ 594,071	\$ 621,957	\$ 621,957	\$ 185,444	\$ 426,817	\$ 9,696	\$ -	\$ 9,696	98.44%
	Extra Work - Non-Cert.	\$ 141,823	\$ 115,447	\$ 115,447	\$ 89,386	\$ 2,848	\$ 23,212	\$ 17,924	\$ 5,288	95.42%
	Custodial & Maint. Overtime	\$ 214,479	\$ 233,448	\$ 233,448	\$ 104,252	\$ -	\$ 129,196	\$ 194,000	\$ (64,804)	127.76%
	Civic Activities/Park & Rec.	\$ 29,216	\$ 32,000	\$ 32,000	\$ 687	\$ -	\$ 31,313	\$ 29,000	\$ 2,313	92.77%
	NON-CERTIFIED SALARIES	\$ 12,225,064	\$ 12,871,787	\$ 12,871,787	\$ 4,172,711	\$ 8,047,248	\$ 651,827	\$ 245,885	\$ 405,942	96.85%
	SUBTOTAL SALARIES	\$ 49,586,526	\$ 51,044,554	\$ 51,044,554	\$ 15,210,733	\$ 34,672,327	\$ 1,161,494	\$ 971,059	\$ 190,435	99.63%

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OBJECT CODE	EXPENSE CATEGORY	2020 - 2021		CURRENT BUDGET	YTD EXPENDITURE	ENCUMBER	BALANCE	ANTICIPATED OBLIGATIONS	PROJECTED BALANCE	% EXP
		EXPENDED 2019 - 2020	APPROVED BUDGET							
200	EMPLOYEE BENEFITS									
	Medical & Dental Expenses	\$ 8,051,502	\$ 8,289,180	\$ 8,289,180	\$ 4,189,404	\$ 4,073,135	\$ 26,641	\$ 26,641	\$ -	100.00%
	Life Insurance	\$ 86,352	\$ 86,760	\$ 86,760	\$ 35,922	\$ -	\$ 50,838	\$ 50,838	\$ -	100.00%
	FICA & Medicare	\$ 1,523,488	\$ 1,602,597	\$ 1,602,597	\$ 504,024	\$ -	\$ 1,098,573	\$ 1,098,573	\$ -	100.00%
	Pensions	\$ 863,104	\$ 913,394	\$ 913,394	\$ 782,269	\$ 750	\$ 130,375	\$ 130,375	\$ -	100.00%
	Unemployment & Employee Assist.	\$ 122,970	\$ 82,000	\$ 82,000	\$ 34,987	\$ -	\$ 47,013	\$ 101,592	\$ (54,579)	166.56%
	Workers Compensation	\$ 479,108	\$ 461,352	\$ 461,352	\$ 234,143	\$ 212,095	\$ 15,114	\$ 15,114	\$ -	100.00%
	SUBTOTAL EMPLOYEE BENEFITS	\$ 11,126,524	\$ 11,435,283	\$ 11,435,283	\$ 5,780,749	\$ 4,285,980	\$ 1,368,553	\$ 1,423,133	\$ (54,579)	100.48%
300	PROFESSIONAL SERVICES									
	Professional Services	\$ 500,341	\$ 559,102	\$ 559,102	\$ 153,971	\$ 23,212	\$ 381,919	\$ 388,625	\$ (6,706)	101.20%
	Professional Educational Serv.	\$ 159,599	\$ 192,280	\$ 192,280	\$ 48,284	\$ 5,015	\$ 138,982	\$ 63,000	\$ 75,982	60.48%
	SUBTOTAL PROFESSIONAL SERV.	\$ 659,940	\$ 751,382	\$ 751,382	\$ 202,255	\$ 28,227	\$ 520,900	\$ 451,625	\$ 69,276	90.78%
400	PURCHASED PROPERTY SERV.									
	Buildings & Grounds Contracted Svc.	\$ 716,095	\$ 664,859	\$ 664,859	\$ 285,621	\$ 270,143	\$ 109,096	\$ 75,000	\$ 34,096	94.87%
	Utility Services - Water & Sewer	\$ 134,403	\$ 146,945	\$ 146,945	\$ 53,832	\$ -	\$ 93,113	\$ 91,542	\$ 1,571	98.93%
	Building, Site & Emergency Repairs	\$ 503,227	\$ 460,850	\$ 460,850	\$ 173,158	\$ 78,546	\$ 209,147	\$ 210,099	\$ (952)	100.21%
	Equipment Repairs	\$ 283,175	\$ 351,506	\$ 351,506	\$ 131,305	\$ 65,488	\$ 154,714	\$ 134,121	\$ 20,593	94.14%
	Rentals - Building & Equipment	\$ 268,547	\$ 260,303	\$ 260,303	\$ 116,766	\$ 96,793	\$ 46,743	\$ 47,638	\$ (895)	100.34%
	Building & Site Improvements	\$ 399,191	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	SUBTOTAL PUR. PROPERTY SERV.	\$ 2,304,638	\$ 1,884,463	\$ 1,884,463	\$ 760,682	\$ 510,969	\$ 612,812	\$ 558,399	\$ 54,413	97.11%

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OBJECT CODE	EXPENSE CATEGORY	EXPENDED 2019 - 2020	2020 - 2021 APPROVED BUDGET	CURRENT BUDGET	YTD EXPENDITURE	ENCUMBER	BALANCE	ANTICIPATED OBLIGATIONS	PROJECTED BALANCE	% EXP
500	OTHER PURCHASED SERVICES									
	Contracted Services	\$ 750,419	\$ 669,215	\$ 669,215	\$ 564,929	\$ 74,042	\$ 30,245	\$ 394,009	\$ (363,765)	154.36%
	Transportation Services	\$ 3,827,061	\$ 4,457,135	\$ 4,457,135	\$ 1,183,697	\$ 2,372,644	\$ 900,794	\$ 608,024	\$ 292,769	93.43%
	Insurance - Property & Liability	\$ 378,323	\$ 378,032	\$ 378,032	\$ 220,085	\$ 160,013	\$ (2,066)	\$ 1,978	\$ (4,044)	101.07%
	Communications	\$ 142,944	\$ 146,872	\$ 146,872	\$ 65,453	\$ 97,373	\$ (15,953)	\$ (15,953)	\$ (0)	100.00%
	Printing Services	\$ 24,637	\$ 31,040	\$ 31,040	\$ 4,731	\$ 1,310	\$ 24,999	\$ 24,999	\$ -	100.00%
	Tuition - Out of District	\$ 3,527,920	\$ 3,399,851	\$ 3,399,851	\$ 1,260,426	\$ 3,179,683	\$ (1,040,257)	\$ (1,370,089)	\$ 329,832	90.30%
	Student Travel & Staff Mileage	\$ 172,406	\$ 232,797	\$ 232,797	\$ 21,416	\$ 112,361	\$ 99,020	\$ 45,000	\$ 54,020	76.80%
	SUBTOTAL OTHER PURCHASED SERV.	\$ 8,823,709	\$ 9,314,942	\$ 9,314,942	\$ 3,320,736	\$ 5,997,425	\$ (3,219)	\$ (312,032)	\$ 308,813	96.68%
600	SUPPLIES									
	Instructional & Library Supplies	\$ 805,612	\$ 801,275	\$ 801,275	\$ 346,716	\$ 141,679	\$ 312,879	\$ 312,880	\$ (1)	100.00%
	Software, Medical & Office Supplies	\$ 212,777	\$ 221,701	\$ 221,701	\$ 78,145	\$ 45,736	\$ 97,820	\$ 97,820	\$ -	100.00%
	Plant Supplies	\$ 423,659	\$ 356,400	\$ 356,400	\$ 466,767	\$ 50,926	\$ (161,293)	\$ 94,175	\$ (255,468)	171.68%
	Electric	\$ 1,164,615	\$ 1,228,072	\$ 1,228,072	\$ 478,094	\$ -	\$ 749,978	\$ 545,500	\$ 204,478	83.35%
	Propane & Natural Gas	\$ 347,253	\$ 431,350	\$ 431,350	\$ 63,602	\$ -	\$ 367,748	\$ 353,286	\$ 14,462	96.65%
	Fuel Oil	\$ 76,257	\$ 63,000	\$ 63,000	\$ 8,860	\$ -	\$ 54,140	\$ 54,140	\$ -	100.00%
	Fuel for Vehicles & Equip.	\$ 122,159	\$ 205,031	\$ 205,031	\$ 47,246	\$ -	\$ 157,785	\$ 118,266	\$ 39,519	80.73%
	Textbooks	\$ 195,495	\$ 191,506	\$ 191,506	\$ 107,076	\$ 9,754	\$ 74,676	\$ 74,676	\$ -	100.00%
	SUBTOTAL SUPPLIES	\$ 3,347,825	\$ 3,498,335	\$ 3,498,335	\$ 1,596,506	\$ 248,096	\$ 1,653,733	\$ 1,650,743	\$ 2,990	99.91%

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OBJECT CODE	EXPENSE CATEGORY	EXPENDED 2019 - 2020	2020 - 2021 APPROVED BUDGET	CURRENT BUDGET	YTD EXPENDITURE	ENCUMBER	BALANCE	ANTICIPATED OBLIGATIONS	PROJECTED BALANCE	% EXP
700	PROPERTY									
	Technology Equipment	\$ 559,515	\$ 410,000	\$ 410,000	\$ 862,923	\$ 239,752	\$ (692,675)	\$ -	\$ (692,675)	268.95%
	Other Equipment	\$ 272,389	\$ 139,402	\$ 139,402	\$ 24,385	\$ 105,868	\$ 9,148	\$ 9,000	\$ 148	99.89%
	SUBTOTAL PROPERTY	\$ 831,904	\$ 549,402	\$ 549,402	\$ 887,308	\$ 345,620	\$ (683,526)	\$ 9,000	\$ (692,526)	226.05%
800	MISCELLANEOUS									
	Memberships	\$ 66,090	\$ 73,415	\$ 73,415	\$ 54,276	\$ 3,010	\$ 16,129	\$ 16,129	\$ -	100.00%
	SUBTOTAL MISCELLANEOUS	\$ 66,090	\$ 73,415	\$ 73,415	\$ 54,276	\$ 3,010	\$ 16,129	\$ 16,129	\$ -	100.00%
910	SPECIAL ED CONTINGENCY	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	100.00%
TOTAL LOCAL BUDGET		\$ 76,747,157	\$ 78,651,776	\$ 78,651,776	\$ 27,813,244	\$ 46,091,654	\$ 4,746,877	\$ 4,868,056	\$ (121,179)	100.15%

REVENUES

<u>EXCESS COST GRANT REVENUE</u>	EXPENDED 2019 - 2020	APPROVED BUDGET	ANTICIPATED OFFSET	
Special Education Svcs Salaries ECG	\$ (33,039)	\$ (26,247)	\$ (39,115)	149.03%
Transportation Services - ECG	\$ (354,206)	\$ (402,480)	\$ (244,709)	60.80%
Tuition - Out of District ECG	\$ (1,372,981)	\$ (1,381,462)	\$ (1,420,089)	102.80%
	\$ (1,760,226)	\$ (1,810,189)	\$ (1,703,913)	94.13%

**Newtown High School
Virtual Net Metering Credit & Billing 2020-21**

Statement Date	Rate 30 Credit	Developer Payment	Net Credit per kW	Solar kW Delivered to Utility Grid	NET Monthly Energy Credit for NHS
1/16-3/16	-0.15478	0.089	-0.06578	391,200	-\$25,733.14
3/16-4/15	-0.15478	0.089	-0.06578	204,000	-\$13,419.12
4/15-5/15	-0.15676	0.089	-0.06776	278,400	-\$18,864.38
5/15-6/15	-0.15676	0.089	-0.06776	376,800	-\$25,531.97
6/16-7/17	-0.14283	0.089	-0.05383	326,400	-\$17,570.11
"Carryover CR"				1,576,800	-\$101,118.72
Net Credit Due					
7/17-8/17	-0.13493	0.089	-0.04593	235,200	-\$10,802.74
8/17-9/16	-0.13493	0.089	-0.04593	288,048	-\$13,230.04
09/16-10/16	-0.13493	0.089	-0.04593	271,200	-\$12,456.22
10/17-11/16	-0.13493	0.089	-0.04593	175,200	-\$8,046.94
11/17-12/16	-0.1349	0.089	-0.04593	140,000	-\$6,430.20
12/17-1/16	-0.1349	0.089	-0.045930	130,000	-\$5,970.90
1/16-2/16	-0.1417	0.089	-0.052736	130,000	-\$6,855.70
2/16 - 3/17	-0.1417	0.089	-0.052736	160,000	-\$8,437.79
3/16 - 4/18	-0.1417	0.089	-0.052736	180,000	-\$9,492.51
4/16 - 5/19	-0.1417	0.089	-0.052736	240,000	-\$12,656.68
5/16 - 6/19	-0.1417	0.089	-0.052736	260,000	-\$13,711.40
6/16 - 7/19	-0.1417	0.089	-0.052736	280,000	-\$14,766.12
Fiscal Savings				1,686,400	-\$122,857.23
Full Year Forecast for NHS					\$567,437.00
Net Cost					\$444,579.77
Carryover Credit					-\$101,118.72
Net Full Year Cost					\$343,461.05

Newtown High School
Virtual Net Metering Credit & Billing 2020-21

Virtual Net Metering Credit & Billing Future Years Forecast

July - December 2021 - year 2 of contract			FY Estimated	Avg. Monthly
Depreciation on T&D	Rate 30	80%	Solar kW to Grid	Credit to Energy
Transmission & Distribution	-0.07522	-0.06018		
Generation & Supply	-0.06421	-0.06421		
All in Rate 30 Credit	-0.13943	-0.12439		
Fixed Payment to Developer		0.0890		
Totals	-0.03539		206,608	-\$7,311.06

January - June 2022 - year 3 of contract			FY Estimated	Avg. Monthly
Depreciation on T&D	Rate 30	60%	Solar kW to Grid	Credit to Energy
Transmission & Distribution	-0.07522	-0.04513		
Generation & Supply*	-0.08156	-0.08156		
All in Rate 30 Credit	-0.15678	-0.12669		
Fixed Payment to Developer		0.0890		
Totals	-0.03769		208,333	-\$7,852.53
Estimated Annual Credit				-\$90,981.53

July - December 2022 - year 3 of contract			FY Estimated	Avg. Monthly
Depreciation on T&D	Rate 30	60%	Solar kW to Grid	Credit to Energy
Transmission & Distribution	-0.07522	-0.04513		
Generation & Supply	-0.06421	-0.06421		
All in Rate 30 Credit	-0.13943	-0.10934		
Fixed Payment to Developer		0.0890		
Totals	-0.02034		206,608	-\$4,202.84

January - June 2023 - year 4 of contract			FY Estimated	Avg. Monthly
Depreciation on T&D	Rate 30	40%	Solar kW to Grid	Credit to Energy
Transmission & Distribution	-0.07522	-0.03009		
Generation & Supply*	-0.08156	-0.08156		
All in Rate 30 Credit	-0.15678	-0.11165		
Fixed Payment to Developer		0.0890		
Totals	-0.02265		208,333	-\$4,718.35
Estimated Annual Credit				-\$53,527.17

July - December 2023 - year 4 of contract			FY Estimated	Avg. Monthly
Depreciation on T&D	Rate 30	40%	Solar kW to Grid	Credit to Energy
Transmission & Distribution	-0.07522	-0.03009		
Generation & Supply	-0.06421	-0.06421		
All in Rate 30 Credit	-0.13943	-0.09430		
Fixed Payment to Developer		0.0890		
Totals	-0.00530		206,608	-\$1,094.63

January - June 2023 - year 4 of contract			FY Estimated	Avg. Monthly
Depreciation on T&D	Rate 30	40%	Solar kW to Grid	Credit to Energy
Transmission & Distribution	-0.07522	-0.03009		
Generation & Supply*	-0.08156	-0.08156		
All in Rate 30 Credit	-0.15678	-0.11165		
Fixed Payment to Developer		0.0890		
Totals	-0.02265		208,333	-\$4,718.35
Estimated Annual Credit				-\$34,877.85

In year two, despite the depreciation, the rate will increase based on generation rates.

**estimated increase in generation rate in winter months .02-.03 cents*

Variable Factors

- 1) Rate 30 will change every 6 months - generation & supply is typically greater in the winter months thus yielding a greater credit
- 2) Beginning January 2021, transmission & distribution portion of credit depreciates. Year 2 = 80%; year 3 = 60%; year 4 and beyond = 40%
- 3) Panel solar production diminishes over time