

**Finance Subcommittee Meeting
Wednesday, January 15, 2020 5:30 PM
Central Services**

I. Public Comment

II. Approve Minutes from the December 18, 2019 Meeting

Attachments:

Draft Finance SC Minutes 12-18-19 2

III. December Statement of Accounts

Attachments:

December 2019 SOA 3

December 2019 SOA Narrative 8

IV. Authorized Signatures Change for Child Nutrition Program

Attachments:

Authorized Signatures Change Form 9

V. Large Capital Projects Update

Attachments:

FY20-FY24 Large Capital Projects for CPPAC 11

VI. Other

Finance Subcommittee Meeting – Draft Minutes

December 18, 2019, 5:30 p.m.

Central Services

Attendance:

Jenny Emery	Present	Anna Robbins	Present
Mark Fiorentino	Present	Mark Winzler	Present
David Peling	Absent		
Melissa Migliaccio	Present		

Meeting commenced at 5:40 p.m.

Meeting adjourned at 6:50 p.m.

1. Public Comment: N/A
2. Approve Minutes from the November 20, 2019 Meeting: Mark moved, and Jenny seconded approval. Motion passed.
3. November Statement of Accounts: Anna reviewed statement through November. No surprises; Special Ed deficit grew some but is better than last year.
4. Championship Jackets for Girls' Soccer and Field Hockey Teams: The FC agreed to endorse the purchase of the jackets for Board action, through a BOE Agenda amendment. Noted the Boosters agreed to fund the embroidery.
5. Draft Budget Goals: Jenny explained her desire to pause to discuss the goals, which were set some 5 years ago. Discussion was about the timing of a fuller exploration of strategic plan and related goals. Consensus was to recommend that BOE go ahead and adopt the current goals, with plans to evaluate in early 2020-21.
6. Fee Structure Update: Discussion of pre-school fees included need for a larger evaluation as a part of the expected evaluation of special ed. Mark moved, and Jenny seconded, endorsement of a 3% increase in pre-school tuition. Motion passed. For pay-for-play, comparables were reviewed, and upon input from the AD, Jenny moved, and Mark seconded changing the family cap to \$400, from \$375, and otherwise holding the fee flat. Motion passed. There was some discussion of building fees, and a question about Town charges for school-related use of town facilities was raised. Mark Winzler agreed to brief Jordan on the issue.
7. Update from Building Committees: The committee discussed the solar project, and the motion regarding a BOE recommendation to the BOS. The committee is supportive of recommending discontinuation of this project, in hopes future opportunities will prove better.
8. Other:

Jenny moved and Mark seconded adjournment at 6:50 p.m.

**Granby Board of Education
FY 2019-2020
Statement of Accounts
for the period ended
December 31, 2019**

Description	Budget	Expended	Encumbered	Expended & Encumbered	Balance	% Enc/Exp	Full Year Forecast December
Certified Salaries:							
Administration	1,673,719	812,432	832,501	1,644,933	28,785	98.28%	28,785
Regular Education	10,721,894	4,125,749	6,410,852	10,536,601	185,293	98.27%	117,188
Special Education	1,740,035	723,233	1,047,911	1,771,144	(31,109)	101.79%	(31,109)
Total	14,135,647	5,661,414	8,291,263	13,952,678	182,969	98.71%	114,864
Substitute/Tutor/Support Salaries							
Substitutes	8,000	2,400	30	2,430	5,570	30.38%	1,000
Sped Support (Speech, O.T. & P.T.)	410,583	181,353	233,104	414,457	(3,874)	100.94%	(3,874)
Tech Support	230,410	112,685	121,552	234,238	(3,828)	101.66%	(3,828)
Tutors - Regular Education	21,110	6,807	12,649	19,456	1,654	92.17%	0
Tutors - Special Education	23,616	12,922	176	13,098	10,517	55.47%	4,942
Total	693,718	316,167	367,512	683,680	10,038	98.55%	(1,760)
Teaching Assistant Salaries:							
Regular Education TA	284,889	104,478	153,108	257,585	27,303	90.42%	1,828
Special Education TA	1,081,299	394,022	699,165	1,093,187	(11,888)	101.10%	(21,309)
Total	1,366,188	498,499	852,273	1,350,772	15,416	98.87%	(19,481)
School Secretaries' Salaries	615,682	276,474	339,078	615,552	130	99.98%	(2,403)
Central Office Salaries	532,735	245,998	289,794	535,791	(3,056)	100.57%	(6,155)
Custodial & Maintenance Salaries	1,293,756	601,256	646,265	1,247,521	46,235	96.43%	(14,133)
Total Salaries	18,637,725	7,599,809	10,786,185	18,385,993	251,732	98.65%	70,932
Employee Benefits	5,001,350	2,331,796	2,527,991	4,859,787	141,563	97.17%	0
Total Salaries & Employee Benefits	23,639,075	9,931,605	13,314,175	23,245,780	393,295	98.34%	70,932

**Granby Board of Education
FY 2019-2020
Statement of Accounts
for the period ended
December 31, 2019**

Description	Budget	Expended	Encumbered	Expended & Encumbered	Balance	% Enc/Exp	Full Year Forecast December
Purchased Services:							
Instructional Purchased Service	530,572	238,919	262,958	501,877	28,695	94.59%	
Administration Purchased Service	425,618	178,373	226,547	404,920	20,698	95.14%	0
Maintenance Purchased Service	101,483	40,022	36,024	76,046	25,436	74.94%	0
Total	1,057,672	457,315	525,528	982,843	74,829	92.93%	0
Legal Services	55,000	14,666	40,335	55,000	0	100.00%	0
Repairs & Maintenance:							
Instructional Repairs & Maintenance	74,599	37,444	11,728	49,172	25,427	65.91%	0
Administration Repairs & Maintenance	8,500	0	0	0	8,500	0.00%	0
Maintenance Repairs & Maintenance	462,698	220,547	61,109	281,656	181,042	60.87%	0
Total	545,797	257,991	72,837	330,828	214,969	60.61%	0
Transportation:							
Transportation Regular Education	852,106	279,570	637,827	917,397	(65,291)	107.66%	0
Transportation Special Education	662,900	70,596	577,503	648,099	14,801	97.77%	(60,046)
Transportation Vocational Tech	92,674	27,515	58,202	85,717	6,956	92.49%	0
Total	1,607,680	377,681	1,273,532	1,651,214	(43,534)	102.71%	(60,046)
Insurance Property & Liability	102,700	71,528	23,362	94,890	7,810	92.39%	0
Communications	99,281	40,191	35,407	75,598	23,683	76.15%	0
Tuition:							
Tuition Special Education	1,451,252	661,760	927,864	1,589,624	(138,372)	109.53%	(171,888)
Tuition Adult Education	10,467	9,927	0	9,927	540	94.84%	543
Total	1,461,719	671,687	927,864	1,599,551	(137,832)	109.43%	(171,345)
Conference & Travel Expense	73,497	32,222	9,807	42,029	31,468	57.18%	0
General Supplies:							
General Supplies Regular Education	297,040	156,486	80,645	237,132	59,908	79.83%	0
General Supplies Special Education	26,416	16,484	3,357	19,841	6,575	75.11%	0
General Supplies Administration	81,176	38,005	17,728	55,733	25,443	68.66%	0
General Supplies Maintenance	142,372	56,841	4,001	60,842	81,530	42.73%	0
Total	547,004	267,816	105,732	373,548	173,456	68.29%	0

**Granby Board of Education
FY 2019-2020
Statement of Accounts
for the period ended
December 31, 2019**

Description	Budget	Expended	Encumbered	Expended & Encumbered	Balance	% Enc/Exp	Full Year Forecast December
Electricity	397,049	157,007	231,398	388,405	8,644	97.82%	16,500
Fuel/Natural Gas	156,352	71,883	100,960	172,843	(16,492)	110.55%	(16,500)
Textbooks/Workbooks	157,746	104,985	4,381	109,366	48,380	69.33%	0
Library/Media Center	62,118	41,312	4,482	45,793	16,325	73.72%	0
Software	304,544	210,736	42,869	253,606	50,938	83.27%	0
Dues & Fees	54,598	35,255	5,875	41,130	13,468	75.33%	0
Replacement Equipment:							
Replacement Equip Instructional	0		384	384	(384)	0.00%	0
Replacement Equip Administration	2,500	2,135	0	2,135	365	85.40%	0
Replacement Equip Maintenance	24,000	5,911	170	6,081	17,919	25.34%	0
Total	26,500	8,046	554	8,600	17,900	32.45%	0
Student Activities	786,287	258,079	290,933	549,012	237,275	69.82%	0
Total General Fund	31,134,619	13,010,005	17,010,031	30,020,036	1,114,583	96.42%	(160,459)
	SPED	5,480,361				SPED	(345,161)
	GEN ED	25,654,258				GEN ED	184,703
Quality & Diversity	\$1,082,731.00	\$566,071.10	\$365,741.36	\$931,812	\$150,919	86.06%	\$24,392

**Granby Board of Education
FY 2019-2020
Statement of Accounts
for the period ending
December 31, 2019
For Selected Special Education Accounts**

II. Expenditures	<u>FY 2019-2020 Budget</u>	<u>Expended</u>	<u>Encumbered</u>	<u>Expended & Encumbered</u>	<u>Balance</u>	<u>December 2019 Forecast</u>
Legal Expense	27,500	9,878	17,623	27,500	0	0
Special Education Certified Staff	1,740,035	723,233	1,047,911	1,771,144	(31,109)	(31,109)
Teacher Assistants	1,081,299	394,022	699,165	1,093,187	(11,888)	(21,309)
Special Education Tutors	23,616	12,922	176	13,098	10,517	4,942
Evaluation, Therapy & Contracted Services	83,176	53,645	91,408	145,053	(61,877)	(61,877)
Sped Support (Speech, O.T., & P.T.)	410,583	181,353	233,104	414,457	(3,874)	(3,874)
Special Ed Transportation	662,900	70,596	577,503	648,099	14,801	(60,046)
Out of District Tuition	1,451,252	661,760	927,864	1,589,624	(138,372)	(171,888)
Total Selected Special Education Accounts	<u><u>5,480,361</u></u>	<u><u>2,107,409</u></u>	<u><u>3,594,754</u></u>	<u><u>5,702,163</u></u>	<u><u>(221,802)</u></u>	<u><u>(345,161)</u></u>

**Granby Board of Education
 FY 2019-2020
 Statement of Accounts
 for the period ending December 31, 2019**

I. Revenue	FY 2019-2020 Budget	Currently Anticipated	Received To Date	Full Year Forecast December 2019
Reg. Tuition from other Towns	494,560	533,136	255,680	38,576
SPED Tuition from other Towns	389,724	411,174	0	21,450
SDE Excess Cost Reimbursement	487,666	425,043	0	(62,623)
Rental Fees	16,157	16,157	6,895	0
Pay for Participation	54,615	54,615	12,700	0
Sub Total	<u>1,442,722</u>	<u>1,440,125</u>	<u>275,275</u>	<u>(2,597)</u>

Jordan E. Grossman, Ed.D.
Superintendent of Schools



Christopher J. Tranberg
Assistant Superintendent

Aimee D. Martin
Director of Pupil Personnel Services

Anna M. Robbins, SFO
Business Manager

To: Granby Board of Education
From: Anna Robbins, Business Manager
Date: January 15, 2020
Re: Financial Forecast as of December 2019

As of December 31, 2019, the BOE shows a negative forecast of \$160,459. Special education expenditures are projected to be unfavorable \$345,161 and regular education expenditures are projected to be favorable \$184,703. The overall forecast is favorable over the previous month's forecast \$47K.

Spending in the regular education category is on target. Salaries and benefits represent 76% of the budget and show a slightly favorable forecast. Forecasted changes in the salary line items are due to new hires, leaves of absences and long-term substitutes.

The Quality & Diversity Fund continues to show a favorable forecast of \$24K.

Revenues to the town reflect a projection of additional revenue for regular tuition from other towns of \$39K. The updated Excess Cost Funding from the state is projected to be lower than budgeted by \$63K. Although out-of-district costs for special education are higher than budgeted, fewer students are meeting the stop-loss limits. Special education from other towns has been billed and is projected to be favorable \$21K bringing the forecasted revenue slightly under budget (\$3K).



Connecticut State Department of Education
 Bureau of Health/Nutrition, Family
 Services and Adult Education
 Child Nutrition Programs
 450 Columbus Boulevard, Suite 504
 Hartford, CT 06103-1841

FOR STATE USE ONLY	
Effective Date:	_____
AGREEMENT NUMBERS:	
School Programs	_____
Child Day Care Centers	_____
Adult Day Care Centers	_____
Day Care Homes	_____
Summer Food Service	_____

Authorized Signatures Change Form

Read the *Instructions to Complete the Authorized Signatures Change Form* before completing the form. Return this form to the CSDE Child Nutrition Programs at the address above.

This is to certify that on January 15, 2020, as shown in the minutes of
Date

Finance/Personnel/Facilities Subcommittee
Name of Corporation, Board of Education or Governing Body

the following action was taken to revise the Authorized Signers of the **ED-099 Agreement for Child Nutrition Programs**.

- The person designated below is authorized to sign this agreement and to sign claims for reimbursement.

<p>_____ <small>Signature</small> <u>Superintendent of Schools</u> <small>Title (superintendent of schools, mayor, selectman, president or chairperson of the board, pastor, or commissioner)</small></p>	<p><u>Jordan E. Grossman</u> <small>Printed Name</small> _____ <small>Date</small></p>
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- In the absence or incapacity of the first designated individual, the second person designated below is authorized to sign claims for reimbursement.

<p>_____ <small>Signature</small> <u>Business Manager</u> <small>Title (assistant superintendent, business official, principal, headmaster, city or town manager, executive director, or deputy commissioner)</small></p>	<p><u>Anna M. Robbins</u> <small>Printed Name</small> _____ <small>Date</small></p>
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- The signature below certifies the above action.

<p>_____ <small>Signature</small></p>	<p><u>Board Secretary</u> <small>Title (Secretary of Corporation, Town Clerk, Secretary of the Board)</small></p>
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This form is available at <https://portal.ct.gov/-/media/SDE/Nutrition/NSLP/Forms/SignatureChange.pdf>. The instructions are available at <https://portal.ct.gov/-/media/SDE/Nutrition/NSLP/Forms/SignatureChangeInstructions.pdf>.

Instructions to Complete the Connecticut State Department of Education (CSDE)

Authorized Signatures Change Form

The **ED-099 Agreement for Child Nutrition Programs** is the formal agreement between a sponsoring organization and the CSDE to operate one or more of the U.S. Department of Agriculture (USDA) Child Nutrition Programs. When the sponsoring organization's *Agreement* was approved, two originals were signed by the sponsoring organization and the CSDE. One original was returned to the sponsoring organization.

Page 4 of the Agreement designates representatives authorized to enter into an agreement with the CSDE and to sign the claim for reimbursement. The Agreement is permanent and amended as changes occur. The CSDE recognizes that one or both of the authorized signers will change periodically. **The Authorized Signatures Change Form must be executed whenever one of the two authorized signers changes.** Claims for reimbursement are valid only when signed by authorized signers on file with the CSDE. Board action must occur to make changes to authorized signers so that claims can be signed and submitted, and reimbursement delays are avoided.

- **Date** of the board meeting is when the governing body of the sponsoring organization took action to change one or both of the authorized signers.
- **Signature 1** is the designated representative authorized to sign the Agreement for Child Nutrition Programs and to sign claims for reimbursement. The person is head of the governing body, e.g. the chief officer elected or appointed to assume legal responsibility for the organization (superintendent of schools, mayor, selectman, corporate president, chairperson of the board, pastor, or commissioner).
- **Signature 2** is authorized only to sign the claims for reimbursement in the absence or incapacity of the first designated individual (assistant superintendent, business official, principal, headmaster, city or town manager, executive director, or deputy commissioner).
- **Signature 3** certifies the board action and is not authorized to sign the claim. This must be a different person from signatures 1 and 2 (secretary of the board, town clerk, or secretary of the corporation).

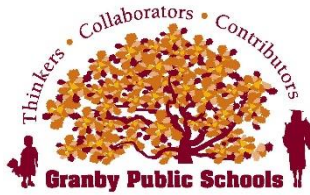
Mail the original signed and dated Authorized Signature Change Form to:



Connecticut State Department of Education
Bureau of Health/Nutrition, Family Services and Adult Education
Child Nutrition Programs
450 Columbus Boulevard, Suite 504
Hartford, CT 06103-1841

Questions may be directed to the CSDE's Child Nutrition Programs staff. For more information, see the CSDE's handout, *Child Nutrition Staff and Responsibilities*.

This document is available at <https://portal.ct.gov/-/media/SDE/Nutrition/NSLP/Forms/SignatureChangeInstructions.pdf>.
The form is available at <https://portal.ct.gov/-/media/SDE/Nutrition/NSLP/Forms/SignatureChange.pdf>.



To: Gordie Bischoff, Chairman
Capital Program Priorities Advisory Committee

December 6, 2018

Cc: John Ward, Town Manager
Melissa Migliaccio, Chairman, Board of Education
Mark Fiorentino, Vice Chairman, Board of Education
Jenny Emery, Board of Education

RE: Capital Program Priorities Advisory Committee Projects FY20-FY24

Please find attached the Board of Education's (BOE) large capital projects for FY20-FY24. The projects have been updated and were approved at the BOE's regular meeting on December 5, 2018.

Summary of FY20-FY24 Large Capital Projections

Page	Project	Priority	Gross Cost	Net Cost	Projected Start Up	Ongoing	Projected Completion	Status
3	High School Facility Upgrade	1	\$6,482,562	\$6,090,905*	Summer 2022		Fall 2024	Concept
5	Emergency Generators	1	\$123,600	\$123,600	Summer 2020		Fall 2020	Fully Defined
6	Solar Photovoltaic System	1	\$3,980,319	Savings over 25 yrs.	Summer 2020		Fall 2020	Fully Defined
8	Roofs, HVAC Replacement & District Cooling	1-3	\$3,468,068	\$2,964,570*	Summer 2020 Summer 2021 Summer 2022		Summer 2020 Summer 2021 Summer 2022	Fully Defined
9	Oil Tank Removal & Burner Conversion	2	\$300,000	\$300,000	Summer 2020		Fall 2020	Fully Defined
10	Parking & Paving (District-Wide)	3	\$1,395,000	\$1,395,000	Summer 2021		Fall 2021	Concept
11	Facilities Storage Building	3	\$375,000	\$375,000	Summer 2021		Fall 2021	Placeholder
12	Wells Road Playing Field	4	\$180,250	\$185,400	Summer 2020	\$5,150	Summer 2021	Placeholder

* Eligible for projected 39% SDE reimbursement.

Summary of FY20-FY24 Capital Forecast Audit Building Maintenance - No New Projects (Excluding Roofs/HVAC Units & MS & HS Oil Tank Replacement)

Fiscal Year	Projected Annual Expenditure Districtwide
2020	\$3,554,934
2021	\$1,034,120
2022	\$2,302,873
2023	\$188,830
2024	\$797,646

**Projects Removed from Large Capital Projects
FY18-FY20**

Projects Completed in FY18 using Small Capital Funds			
Project Name	Location	Description	Amount
Safety & Security Upgrades	High School	Replace Concrete Sidewalk Rotunda Entrance	\$72,600
Safety & Security Upgrades	High School	Replace Two Sets of Stairs 10/202 Entrance	\$57,000
High School Facility Upgrade	High School	Vinyl Side Northwest Side Building #4: The weathering of approximately 8,150 square feet of wood shingles will lead to leaks in the foreseeable future. We need to replace the wood shingles with vinyl shingles.	\$59,973

Projects Moved to FY19 Small Capital Funds			
Project Name	Location	Description	Amount
High School Facility Upgrade	High School	Technology: Replace UPS school-wide Project reconfigured	Concept
Oil Tank Replacement Schedule	Middle School	Oil Tank Removal and Hot Water Heater Replacement	Completed
High School Facility Upgrade	High School	First Floor Physics Room Upgrade: Modified and moved back to Large Cap	\$40,000

Large Capital Items Moved to Proposed FY20 Small Capital Budget			
Project Name	Location	Description	Amount
High School Oil Tank Removal and Hot Water Heater Replacement	High School	Remove 20,000-gallon oil tank that is reaching end of life. Replace hot water heaters.	\$120,000
Catch Basin Replace and Repair Districtwide	District-Wide	Repair and/or replace 8 catch basins districtwide. The remaining catch basins are accounted for in the parking lot repair and replacement schedule.	\$32,000
Safety & Security Upgrades*	District-Wide	Wells Road – Fence around school grounds Wells Road – Forestry tree line maintenance Kelly Lane – Fence around school grounds	\$34,608 \$ 8,755 \$34,608

*Items previously listed and are now partially funded by Round III Security Grant.

PROJECT NAME: High School Facility Upgrade

PROJECT SUMMARY:

Kitchen Facilities **\$1,313,250***

A long-standing identified need is a kitchen to provide a quality hot lunch program. Currently, lunch is transported from the middle school kitchen and served in the high school commons. This cost projection includes the construction of a 2,000 square foot addition on the end of the commons and necessary equipment and appliances.

Air Conditioning & Lockers **\$136,562**

Includes air conditioning in athletic locker rooms, and athletic director's office and replacement of locker room lockers (boys' and girls' locker rooms).

Update Media Center **\$154,500***

Due to the heights, large spaces and removal of contents involved with this project, the cost is high. This cost also allows for wall construction and furniture.

Storage Space and Auditorium Access for Drama and Robotics Program: **\$257,500***

NEAS&C recommendation (2008 & 2018) to improve storage space for the program. Materials are currently being stored throughout the building and in storage containers limiting access and damaging materials. This is not an additional shed but an addition onto the existing building. This is combined with Kitchen Facility due to proximity. There is also a need to provide access to the stage for large props.

Instrument Ensemble Room **\$130,000**

Rehearsal space and instrument storage for the band and strings programs. Band currently practices on the auditorium stage.

College & Career Ready **\$285,000**

Modernization and upgrade to Technology & Wood Shop as well as Family & Consumer Science Facility to reflect 21st Century learning.

Relocate Science Classroom: **\$40,000**

There is a need for an additional Science Lab. One science classroom will be repurposed to science lab and the classroom will move across from the main office (Room 3108).

Architectural Fees: **\$77,250**

For the above projects

Athletic Field Additions

Installation of four field light poles **\$360,500**

Bathrooms for the athletic fields **\$500,000**

Press Box **\$103,000**

Turf Replacement **\$1,500,000**

Replace Stadium Track **\$1,625,000**

Normal wear and tear requires track resurfacing and turf field replacement every 10-12 years. Resurfacing is required in 2023.

PROJECT CATEGORY: Placeholder Concept
 Fully Defined 1 Priority Ranking

PROJECT BENEFITS:

- A higher quality hot lunch program will be offered
- Increases use and productivity of spaces
- Complete necessary maintenance
- Environment conducive to learning
- Attractiveness of high school for regionalization opportunities
- Maintain campus buildings
- Addresses NEAS&C recommendations from 2008 & 2018

REFERENDUM: Fall 2019
PROJECT START: Summer 2022
PROJECT ON-LINE: Fall 2024

LEGAL REQUIREMENTS:

- State and local code compliance.

HEALTH AND SAFETY IMPACT: More inviting, nutritional meals will be served.

IMPACT OF NOT PROCEEDING/DELAYING: Food continues to be transported from the middle school, limiting meal choices.

APPROXIMATE GROSS PROJECT COST: **\$6,482,562**

• Kitchen Construction (2,000 sq. ft. @ \$227)	\$849,750 *
• Kitchen Equipment/Fixtures	\$463,500
• Air Conditioning & Lockers	\$136,562
• Update Media Center	\$154,500 *
• Storage Space and Auditorium Access for Drama and Robotics Program	\$257,500
• Instrument Ensemble Room	\$130,000
• College & Career Ready	\$285,000
• Relocate Non-Lab Science Classroom	\$40,000
• Architectural fees	\$77,250
• Athletic Field Additions: Four Light Poles	\$360,500
• Athletic Field Additions: Bathrooms	\$500,000
• Press Box	\$103,000
• Turf Replacement	\$1,500,000
• Repaint Stadium Track	\$1,625,000

*Projected at 39% SDE reimbursement for eligible costs (\$391,658)

APPROXIMATE NET PROJECT COST: **\$6,090,905**

PROJECT NAME: Emergency Generators

PROJECT SUMMARY:

To help protect district schools against freezing pipes during winter power outages, emergency generators and transfer panels are required at each school. Generators are to be propane fueled and capable of immediately and automatically transferring power to essential heating circuits and components, i.e., boilers, circulation pumps, etc. These emergency generators with transfer panels are sized to provide and maintain heating systems until utility power is restored.

PROJECT CATEGORY: Placeholder Concept
 Fully Defined 1 Priority Ranking

PROJECT BENEFITS:

- Prevents frozen pipes, water damage and loss of school days.

REFERENDUM: Fall 2019
PROJECT START: Summer 2020
PROJECT ON LINE: Fall 2020

HEALTH AND SAFETY IMPACT: This project will improve the ability of the district to protect buildings by preventing frozen pipes due to power outages that take place during extreme weather events.

IMPACT OF NOT PROCEEDING/DELAYING: Freezing pipes cause major repair expenses and extended school closings.

This project requires the following at each school (Kelly Lane, Wells Road, GMHS):

• Propane storage area (fencing & lock)	\$3,000
• Concrete pad	\$5,000
• Auto-transfer panels	\$10,000
• 16–20 KW generators	\$35,000
Total for each of three schools	\$53,000
District Total	\$159,000

PROJECT NAME: Solar Photovoltaic System

PROJECT SUMMARY:

Granby Public Schools, in cooperation with the Board of Finance, has been pursuing the possibility of creating a solar park on Town-owned land behind Wells Road Intermediate School. The goal of the solar project for Granby Public Schools is to reduce our carbon footprint while, at the same time, creating long-term savings for the town and school district. We are fortunate to have the available space behind Wells Road Intermediate School to construct a ground array that would serve our four schools by generating 80%-100% of our energy needs.

Virtual Net Metering (VNM) for a solar array adjacent to the Wells Road Intermediate School would provide the credits for energy generated by a ground array, which make a solar solution for the entire district economically feasible. VNM allows the district use the credit from solar energy generated from the Wells Road site to offset the energy used at all our schools regardless of their location.

The State of Connecticut Department of Administrative Services and School Construction Grants has voiced support for this groundbreaking solution. Granby Public Schools hopes to be a model for other school districts as they work to reduce their carbon footprint while acting as responsible stewards of the funds provided by both the State of Connecticut and local taxpayers. Eversource has accepted Granby into the VNM Program. Large Renewable Energy Credits (LREC) are pending.

PROJECT CATEGORY: Placeholder Concept
 X Fully Defined 1 Priority Ranking

PROJECT BENEFITS:

- Eligible for State of Connecticut School Construction Grant Reimbursement.
- Reduces electricity costs.
- Participation in CL&P’s LREC program creates a long-term revenue source from sale of Renewable Credits.

REFERENDUM: Fall 2019
PROJECT START: Summer 2020
PROJECT ON-LINE: Fall 2020

LEGAL REQUIREMENTS:

- State and local code compliance.
- Energy credit programs.

HEALTH AND SAFETY IMPACT: Green energy is widely accepted as an environmentally responsible practice. It would model responsible citizenship to students, be another positive selling point to many new residents and lower costs.

IMPACT OF NOT PROCEEDING/DELAYING: Loss of savings opportunity

APPROXIMATE NET PROJECT COST:

25-Year Outlook

Expenditures*	(\$3,980,319)
Energy Savings	\$4,423,430
LREC Credits	<u>\$2,887,500</u>
Net savings over 25 years	<u><u>\$3,330,611</u></u>

Savings is realized in first year of operation.

*After reimbursement from School Construction Grants, reduction of electricity costs at the utility meter, revenues from the sale of the renewable energy credits and reductions in electric generation capacity charges.

PROJECT NAME: Roofs, HVAC Replacement & District Cooling

PROJECT SUMMARY: Replacement schedule for roof and rooftop equipment for five years (FY20 through FY24). Rooftop equipment includes the introduction of air conditioning in strategic areas

PROJECT BENEFITS: Avoid leaking roofs and failing equipment on rooftops. Introduction of cooling centers will provide conditions conducive to learning during the months of August, September, May, and June. Large spaces like gyms, cafeterias and libraries, once cooled, will reduce the overall building temperature. To augment this approach and maximize the cooling effect further, split units will be integrated through the use of the small capital budget as needed.

Building/School	FY20	FY21	FY22	FY23	FY24
Central Services					
Roof			\$15,780		
GMHS					
HVAC		\$899,427			
Roof		\$1,291,020*			
GMMS					
HVAC	\$263,302		\$269,605		
Roof					
Automation System	\$139,050				
Kelly Lane Primary School					
HVAC		\$123,232			
Roof					
Wells Road Intermediate School					
HVAC			\$170,403		
Roof					
Total	\$402,352	\$2,313,679	\$455,788		
Total with 3% Escalation (per year since FY 18)	\$426,855	\$2,528,210	\$512,993		

* Projected 39% SDE reimbursement for eligible costs (portion of roof replacement only)

PROJECT CATEGORY: Placeholder Concept
 Fully Defined 1-3 Priority Ranking

REFERENDUM: Fall 2019
PROJECT START: Summer 2020 (MS); Summer 2021 (HS); Summer 2022 (WR)
PROJECT ON-LINE: Summer 2020 (MS); Summer 2021 (HS); Summer 2022 (WR)

PROJECTED PROJECT COST: **\$3,468,068**
Potential SDE Reimbursement for eligible costs (portion of roof replacement only) **(\$503,498)**

PROJECTED PROJECT NET COST: **\$2,964,570***

PROJECT NAME: Oil Tank Removal and Burner Conversion Wells Road and Kelly Lane

PROJECT SUMMARY: In an effort to reduce operational expenses and eliminate significant environmental risks associated with aging underground oil storage, it is necessary to remove the districts underground storage tanks. Burners for existing boilers will be converted from oil to propane.

PROJECT CATEGORY: Placeholder Concept
 Fully Defined Priority Ranking

PROJECT BENEFITS:

- Alternate fuel improves heating efficiency (oil 84% efficient vs. gas/propane 94%)
- Reduced Maintenance (no nozzle cleaning, etc.)
- Insurance premium reduction
- Testing (cathodic, etc.) reduced or eliminated
- Double wall breach alarm monitoring eliminated

REFERENDUM: Fall 2019
PROJECT START: Summer 2020
PROJECT ON-LINE: Fall 2020

HEALTH AND SAFETY IMPACT: Reduces environmental risk.

IMPACT OF NOT PROCEEDING/DELAYING:

- Increased risk of a petroleum leak as tanks age
- Continued labor-intensive maintenance
- Continued heating inefficiencies

PROJECTED PROJECT COST (per school): **\$150,000**

PROJECTED NET PROJECT COST: **\$300,000***

*Total project cost to be confirmed by design engineering consultant December 2018.

PROJECT NAME: Parking & Paving (District-Wide)

PROJECT SUMMARY: Current paving conditions around GMMS/GMHS are poor, most notably in regards to excessive cracking. This extensive cracking is allowing water to migrate beneath the asphalt surface and further compromising the integrity of catch basins. To help preserve catch basin replacement and to maintain performance and appearance of our parking lots and drives, extensive repaving and crack filling is required.

PROJECT CATEGORY: Placeholder Concept
 Fully Defined 3 Priority Ranking

PROJECT BENEFITS: Upgrading the paving surface offers the opportunity to improve performance and appearance of the drives and walks in a school district in areas such as: number of parking spaces, clearly visible curb boundary, and ADA zones. In addition, arrows can be utilized for better directional control of car and bus traffic.

REFERENDUM: Fall 2019
PROJECT START: Summer 2021
PROJECT ON-LINE: Fall 2021

IMPACT OF NOT PROCEEDING/DELAYING: Continued unsafe parking options, further deterioration of potholes and heaves.

GMMS/GMHS, Contiguous Driveways and Lots, Approx. 179,000 square ft.	\$895,000
Kelly Lane, Driveways and Lots, Approx. 50,000 square ft.	\$250,000
Wells Road, Driveways and Lots, Approx. 50,000 square ft.	\$250,000

PROJECTED GROSS COST: \$1,395,000

PROJECT NAME: Wells Road Playing Field

PROJECT SUMMARY:

The land behind Wells Road Intermediate School was donated to the town in 2009. In order to develop 5.6 acres of this area for use as field space, the area must be cleared of trees, a temporary road cut and the field leveled and seeded.

This is the same land that has been identified for the Granby Solar Park, also discussed in this document. Both projects are on the table; however, and we are hoping to use the space for both purposes.

PROJECT CATEGORY: X Placeholder Concept
 Fully Defined 4 Priority Ranking

PROJECT BENEFITS:

- Expanded playground activities and possibly baseball and/or soccer field use.
- Additional resource for the town.

REFERENDUM: Fall 2019
PROJECT START: Summer 2020
PROJECT ON-LINE: Summer 2021

IMPACT OF NOT PROCEEDING/DELAYING: Donated land will sit idle.

PROJECTED GROSS COST:	\$180,250
Ongoing Costs: Maintenance of the field - supplies and labor	\$5,150
PROJECTED NET CAPITAL COST:	\$185,400