MONADNOCK REGIONAL SCHOOL DISTRICT

FACILITY AND SPACE NEEDS
ASSESSMENT STUDY

ADDENDUM 1 – REVISED

NOVEMBER 30, 2020



DETAILED OPTIONS COMPARISONS

The Monadnock Regional School District is a diverse and sprawling school district. Finding a solution to the building issues that satisfies all is difficult. These options are meant to show a logical thought process that explores the possibilities. The final recommendation is the option that in this writer's opinion best addresses the needs at a reasonable cost.

The ten options are meant to show a natural progression of thought from the current situation through conclusions that offer a range of possibilities. Each option is reviewed for their positive and negative aspects and the cost differences. It is well understood that the District is unlikely to support any construction project that does not make financial sense. This process is intended to evaluate each option fairly and completely using the best data available at the time.

Core to the cost evaluation are the construction cost estimates and the Life-Cycle Cost Analysis worksheets. The construction cost estimates include both Hard and Soft costs to ensure complete and reasonable estimate. Hard costs are based on the NH State Department of Education FY 2020 Maximum Allowable Costs for School Construction of \$182 per square foot for an elementary school in Cheshire County. This is then modified by 10% to account for inflation for two years. The result is a cost for construction of \$200 per square foot. Other Hard costs are the site development and earthwork. These are much more difficult to estimate. What has been used is reasonable estimate based on this writer's experience.

The Life-Cycle costs are a combination of Building Needs, Utilities, Human Resources and Financial costs. Many of these numbers are estimates but as much as possible these are researched and reasonable if not conservative. They are applied fairly across options so that if there is a mistake, it is unlikely that it would cause a change in the outcome.

The Building Needs and Utilities are relatively easy to explain. The Building Needs are the issues identified in the Building Needs Assessment Study. The Utilities are the current and projected costs for heating and electricity. Mt Caesar has recently gone through heating and electrical renovations, so there is data to show what the cost difference would be if other schools also went through similar renovations. For new construction is there is data from other districts or regional and national indexes.

The costs for Human Resources are more difficult to predict but is rooted in studies and common sense. The concept is that an existing, older, poorly designed facilities with less quality materials will be less efficient for the staff and less productive for students. For an example; a new school with new and more durable materials will take less time to clean than an older school. Another example; teachers and students that work in a classroom that is well-lit, well ventilated with a comfortable temperature, will be more productive and less likely to be out sick. The savings for not having as many substitute teachers can be calculated. Also included in Human Resources is the cost of bussing which has dramatically increased in recent years. The distance that

students travel to get to school is significant and so is the cost. Options that increase the amount of students being bused can increase the cost of bussing to amounts similar to the cost of the bonds for construction and so needs to be carefully considered.

The Financial costs refer to the cost of financing a bond but also includes the value of existing buildings that could be included in the tax base. The cost of the bond comes in two parts; the principal payment and the interest. Most bonds are level principal so the interest payments actually decline over time. In 10 years the interest would be half of the first year's payment on a 20-year bond. In some options where there is consolidation of schools, the existing building is assumed to be repurposed and therefore gives value that offsets some of the costs. For the analysis the value of the sale of the property is not calculated but the potential property tax revenue is. Very conservative values of roughly \$30 per square foot are used.

The Life-Cycle cost projections are limited to 10 years. After more than 10 years it becomes increasingly difficult to predict building upgrade needs. This is when even new construction would start to need regular maintenance. A 10-year horizon does not cover the entire bond repayment which typically is 20 years, however after 10 years the bond payments are considerably less and also the population and valuation will have likely changed. New residents 10 years out will share the cost of the bond and it is likely property values will increase and negate some of the tax impact. The differences of the different options after 10 years is impossible to predict and possibly not significant.

Demographics should also influence the selection of the recommended option. Swanzey represents fully half of the districts population and therefor is the gravitational center of the district. The Middle School and the High School are located here. Fitzwilliam and Troy each represent about 16% of the population and Richmond 8% with these three towns together representing about 40% of the population.

Troy's town center is the most densely populated region. Swanzey is made up of several villages including East Swanzey and the largest, West Swanzey. The Middle School, High School and Mt Caesar Elementary are located between these villages about 3 miles from each center.

Lastly, inflation is added to all the numbers with a factor of 2.9% per year. Overall the district has seen an increase in energy costs by approximately 10 % a year for the last four years. Energy performance will have an even larger impact if energy costs continue to rise. Bond interest rates have averaged around 2.5% per year but had dropped even lower in 2020 to the lowest rates published by the NH Municipal Bond Bank. There is no guarantee that bond rates will stay low but there is little indication in the market that they are going up any time soon. With inflation and energy costs rising at the rate higher than inflation, there is a great incentive to borrow money for needed improvements.

The success of any option is likely tied to receiving State Building Aid. The rate for the Monadnock Regional School District is currently 54% which is paid up-front thus reducing the need for a bond. There are some restrictions and it is possible that some options would receive less aid or even risk not being funded at all. The State Department of Education is encouraging the implementation of certain factors

including; consolidation, solving life safety problems, energy efficiency, reuse of historic structures and other items. Options that contain the most of these factors are more likely to receive Building Aid.

OPTIONS

The options start with the simplest of scenarios and increase in complexity and explores alternatives.

Option 1 - Do Nothing

This option is literally what happens if the schools are left exactly the way they are. This is obviously not a viable option because it does nothing to solve the problems identified in the schools. What is important however is to note that "doing nothing" actually has a cost. The schools will cost more to heat, staff will spend more time cleaning and maintaining the buildings and teachers and students will be less productive. These added costs can be estimated and should be used as a benchmark when comparing to other options.

BUILDING PROJECT COST	=	\$0
STATE BUILDING AID	=	\$0
BOND AMOUNT	=	\$0
LIFE -CYCLE, 10YR COSTS	=	\$28,116,227

Option 2 - Upgrades Over 10 Years

This option is the "pay as you go" option. Common Sense might suggest that this is the most financially responsible option but that ignores a number of factors. First of all, inflation in construction and energy are outpacing the bond interest. By locking in a low interest rate bond, the value of the construction is locked in for 20 years. Also, by putting off needed improvements the district is denied the benefits of lower energy bills and better teacher and student performance. The result is a much higher long-term cost.

Building Aid is assumed to not be available due to the projects being paid through the operating budget. If Building Aid is available it would be limited by rules setting maximum size and cost of projects. Emerson and Gilsum would only be allowed a small amount of state aid due to the fact that they have received large additions within the last 50 years that received Building Aid.

BUILDING PROJECT COST	=	\$0
STATE BUILDING AID	=	\$??
BOND AMOUNT	=	\$0
LIFE -CYCLE, 10YR COSTS	=	\$47,763,930

Option 3 – Additions/Renovations District Wide in One Year

This option performs all upgrades of Option 2 in one year by financing it through a bond. By combining all the district needs into one project there is an economy of scale. As mentioned in Option 2, the cost of the interest on the bond is lower than the cost of inflation. Add to that the benefit of better facilities on maintenance and performance and the net cost of this option is much lower than doing the projects over time.

As in Option 1, State Building Aid would be limited in this scenario. Some facilities have received Building Aid in the last 50 years and those projects need to be deducted from the square foot of new construction financed by State Aid. The State also requires that renovations not exceed 60% of the value of the existing building. Renovations at Gilsum and Troy exceed 60% of their current value.

BUILDING PROJECT COST	=	\$18,354,000
STATE BUILDING AID	=	\$9,179,198
BOND AMOUNT	=	\$11,010,642
LIFE -CYCLE, 10YR COSTS	=	\$32,641,912

Option 4 – New South Elementary, Additions/Renovations North Schools

Due to the demographics and the relatively small size of Emerson and Troy it makes sense to combine these schools into one. Both Emerson and Troy have numerous upgrades making a new school somewhat close in cost. If both buildings can be repurposed it is possible to see revenue from the property taxes. The efficiency of a new school adds to the savings. Most importantly this option meets many of the States criteria for Building Aid and is more likely to receive aid than the previous options.

This option does not address all the needs and most notably does not make any change to the site at Cutler.

BUILDING PROJECT COST	=	\$25,341,000
STATE BUILDING AID	=	\$10,210,947
BOND AMOUNT	=	\$17,172,242
LIFE -CYCLE, 10YR COSTS	=	\$35,247,428

Option 5 – New South Elementary, Additions/Renovations to Mt Caesar for North School for Swanzey, Additions/Renovations to Gilsum

Like Option 4, this consolidates Fitzwilliam and Troy into one new school but here Cutler is moved to the Mt Caesar site to create one school for Swanzey. This would be a relatively easy change for Swanzey since Cutler and Mt Caesar already share the same students split by grade. A single school for Swanzey would benefit the students since there would not be the transition to a new school at third grade.

BUILDING PROJECT COST	=	\$29,420,000
STATE BUILDING AID	=	\$12,454,397
BOND AMOUNT	=	\$19,456,482
LIFE -CYCLE, 10YR COSTS	=	\$34,918,485

Option 6 – New Single Consolidated Elementary School

A common sense approach might be to consolidate all the elementary school students into one central school building. This would simplify administration and maintenance. However, the experience for the students would probably not be as favorable. The school would need to hold over 1000 students which is very large for elementary ages. It would also be a very intense use for the site which would most likely be the Mt Caesar site. Also, an important point to consider is that almost all students would need transportation and thus dramatically increase the cost of bussing and burden the system.

The State caps Building Aid on the number of square feet per student minus any previous projects that already received Building Aid. This results in all-new construction receiving less Aid than projects that reuse buildings.

BUILDING PROJECT COST	=	\$31,860,000
STATE BUILDING AID	=	\$11,556,954
BOND AMOUNT	=	\$22,614,437
LIFE -CYCLE, 10YR COSTS	=	\$37,221,168

Option 7 – New South Elementary, Additions/Renovations to Mt Caesar for North School, Redistrict

This option consolidates five schools down to two by closing four schools and building one new on. A new South Elementary would be constructed somewhere central to Troy, Richmond and Fitzwilliam, and Mt Caesar would receive additions and renovations to make a North Elementary. These two schools would be equal in size making them efficient to staff and operate. This also provides the most equivalent experience for students throughout the district. It does require that students are distributed equally meaning that some students from Swanzey would likely attend the South School.

As in Option 6, State Building Aid is reduced due to previous projects having to be deducted from the amount of new construction allowed. Even still, the savings for the improved efficiency make this option only 10% higher over 10 years than the baseline "Do Nothing" option.

BUILDING PROJECT COST	=	\$25,528,000
STATE BUILDING AID	=	\$11,375,709
BOND AMOUNT	=	\$16,427,432
LIFE -CYCLE, 10YR COSTS	=	\$32,738,665

Option 8 – Additions/Renovations to Troy for South Elementary, Additions/Renovations to Mt Caesar for North School, Redistrict

This option is similar to the previous in that it consolidates the district into just two elementary schools, one North located at Mt Caesar and one South, now located at Troy. It preserves the Troy school which is a historic building. This option is as efficient as Option 7 for operations.

The existing Troy school can be challenging to work with, but it also gives some unique opportunities. The existing building is 3-stories which keeps the footprint of the building small. If a 3-story addition were constructed to replace the 1-story wing, it is possible to have a much larger facility that does not occupy more area than it currently does.

BUILDING PROJECT COST	=	\$22,575,000
STATE BUILDING AID	=	\$11,091,909
BOND AMOUNT	=	\$13,701,472
LIFE -CYCLE, 10YR COSTS	=	\$32,106,010

Option 9 – Additions/Renovations to Mt Caesar to Combine Swanzey and Troy, Addition/Renovations to Emerson and Gilsum

The concept for this option is to close Troy and Cutler which are considered the two schools in the most need and to consolidate them onto the Mt Caesar site. This affords some economy of scale and preserves Emerson and Gilsum as neighborhood schools which has been voiced as a priority.

The new Mt Caesar however would be very large for an elementary school and some of the expected economy of scale is lost due to being over-sized. Also, this ensures a dramatic increase in bussing with all of Troy needing transportation.

BUILDING PROJECT COST	=	\$22,137,000
STATE BUILDING AID	=	\$11,259,848
BOND AMOUNT	=	\$13,129,122
LIFE -CYCLE, 10YR COSTS	=	\$35,082,939

Option 10 – Town Schools, Combine Cutler with Mt Caesar onto One Swanzey School on the Mt Caesar Site

This concept looks at keeping a school active in each town that currently has a school. The only school to be closed would be Cutler which has the most difficult site. This would be an easy transition since Cutler and Mt Caesar already take all Swanzey students but at different grades. Town identity and school pride would be preserved. There is the possibility that Troy could expect growth due to planned residential developments and this gives the ability to absorb additional students there.

There would be increased cost due to multiple buildings but also a reduced cost for bussing over other options that close more schools. Also, this ensures a dramatic increase in bussing with all of Troy needing transportation.

BUILDING PROJECT COST	=	\$22,433,000
STATE BUILDING AID	=	\$11,422,648
BOND AMOUNT	=	\$13,294,882
LIFE -CYCLE, 10YR COSTS	=	\$32,312,968

RECOMMENDATION

It is clear the cost of upgrading the Monadnock Regional School District facilities can be done cost effectively. The cost of doing nothing or trying to pay-as-you-go can be expensive and does not give the benefits of upgraded facilities right away. Which option is best can be a matter of opinion and subject to intangible influences.

In general, the concept of two schools, one North in the district and one South in the district meets the needs within a reasonable cost. However, where to put the South school is a difficult question to answer.

Worth considering is Option 10 that keeps a school open in each town. This addresses the need that has been voiced for local control and pride in the schools. It also reduces the amount of busing which saves costs and the amount of time students spend commuting.

End Report



Student Enrollment per Option

			Student Capacity					
		Cutler	Emerson	Gilsum	Mt Caesar	Troy	New	Total
Option #1	Do Nothing	300	200	100	250	200		1,050
Option #2	Additions / Renovations Over Ten Years.	300	200	100	250	200		1,050
Option #3	Additions / Renovations District Wide in One Year	300	200	100	250	200		1,050
Option #4	New South Elementary, Additions / Renovations to North Schools	300		100	250		400	1,050
Option #5	New South Elementary, Add/Reno to Mt Caesar for Swanzey, Add/Reno to Gilsum			100	550		400	1,050
Option #6	Consolidate all Elementary onto Mt Caesar Site						1,050	1,050
Option #7	New South Elementary and Mt Caesar North with Redistricting				525		525	1,050
Option #8	Troy South Elementary and Mt Caesar North with Redistricting				525	525		1,050
Option #9	Mt Caesar Swanzey/Troy, Emerson and Gilsum Remain		200	100	750			1,050
Option #10	Town Schools		200	100	550	200		1,050

Total Building Project Cost per Option

		Building Project Costs								Total	
		Cutler	E	Emerson		Gilsum	N	Mt Caesar	Troy	New	Total
Option #1	Do Nothing										\$ -
Option #2	Renovations and Additions Over Ten Years.										\$ -
Option #3	Additions/Renovations District Wide in One Year	\$ 3,860,000	\$	2,474,000	\$	4,437,000	\$	1,385,000	\$ 6,198,000		\$ 18,354,000
Option #4	New South Elementary, Additions/Renovations to North Schools	\$ 3,860,000			\$	4,437,000	\$	1,385,000		\$ 15,659,000	\$ 25,341,000
Option #5	New South Elementary, Mt Caesar North Elementary, Add/Reno to Gilsum				\$	4,437,000	\$	9,324,000		\$ 15,659,000	\$ 29,420,000
Option #6	Consolidate all Elementary onto Mt Caesar Site									\$ 31,860,000	\$ 31,860,000
Option #7	New South Elementary and Mt Caesar North with Redistricting						\$	8,028,000		\$ 17,500,000	\$ 25,528,000
Option #8	Troy South Elementary and Mt Caesar North with Redistricting						\$	8,028,000	\$ 14,547,000		\$ 22,575,000
Option #9	Mt Caesar Swanzey/Troy, Emerson and Gilsum Remain		\$	2,474,000	\$	4,437,000	\$	15,226,000			\$ 22,137,000
Option #10	Town Schools		\$	2,474,000	\$	4,437,000	\$	9,324,000	\$ 6,198,000		\$ 22,433,000

State Building Aid per Option Comparison

						State Aid	d at	54%				Total
		C	Cutler		Emerson	Gilsum	٨	∕It Caesar	Troy	N	ew	Total
Option #1	Do Nothing											\$ -
Option #2	Renovations and Additions Over Ten Years.											\$ -
Option #3	Additions/Renovations District Wide in One Year	\$ 2	2,123,000	\$	1,360,700	\$ 1,524,848	\$	761,750	\$ 3,408,900			\$ 9,179,198
Option #4	New South Elementary, Additions/Renovations to North Schools	\$ 7	2,123,000			\$ 1,524,848	\$	761,750		\$ 5,	801,349	\$ 10,210,947
Option #5	New South Elementary, Mt Caesar North Elementary, Add/Reno to Gilsum					\$ 1,524,848	\$	5,128,200		\$ 5,	801,349	\$ 12,454,397
Option #6	Consolidate all Elementary onto Mt Caesar Site									\$ 11,	556,954	\$ 11,556,954
Option #7	New South Elementary and Mt Caesar North with Redistricting						\$	4,415,400		\$ 6,	960,309	\$ 11,375,709
Option #8	Troy South Elementary and Mt Caesar North with Redistricting						\$	4,415,400	\$ 6,676,509			\$ 11,091,909
	A. C. C. T. T.			I								
Option #9	Mt Caesar Swanzey/Troy, Emerson and Gilsum Remain			\$	1,360,700	\$ 1,524,848	\$	8,374,300				\$ 11,259,848
Option #10	Town Schools			\$	1,360,700	\$ 1,524,848	\$	5,128,200	\$ 3,408,900			\$ 11,422,648

Bond Cost per Option Comparison

					Bond A	mo	unt			Total
1		Cutler	ı	Emerson	Gilsum	N	∕It Caesar	Troy	New	Total
Option #1	Do Nothing									\$ -
Option #2	Renovations and Additions Over Ten Years.									\$ -
Option #3	Additions/Renovations District Wide in One Year	\$ 2,161,600	\$	1,385,440	\$ 3,217,122	\$	775,600	\$ 3,470,880		\$ 11,010,642
Option #4	New South Elementary, Additions/Renovations to North Schools	\$ 2,161,600			\$ 3,217,122	\$	775,600		\$ 11,017,920	\$ 17,172,242
Option #5	New South Elementary, Mt Caesar North Elementary, Add/Reno to Gilsum				\$ 3,217,122	\$	5,221,440		\$ 11,017,920	\$ 19,456,482
Option #6	Consolidate all Elementary onto Mt Caesar Site								\$ 22,614,437	\$ 22,614,437
Option #7	New South Elementary and Mt Caesar North with Redistricting					\$	4,495,680		\$ 11,931,752	\$ 16,427,432
Option #8	Troy South Elementary and Mt Caesar North with Redistricting					\$	4,495,680	\$ 9,205,792		\$ 13,701,472
	NAL COLOR COLOR TO THE COLOR COLOR									
Option #9	Mt Caesar Swanzey/Troy, Emerson and Gilsum Remain		\$	1,385,440	\$ 3,217,122	\$	8,526,560			\$ 13,129,122
Option #10	Town Schools		\$	1,385,440	\$ 3,217,122	\$	5,221,440	\$ 3,470,880		\$ 13,294,882

Life-Cylcle Cost Comparisons

			Life-0	Cycle	Costs (inclu	udin	g 54% State	Bui	dling Aid and	Во	nd) over 10	years	Total
			Cutler	ı	Emerson		Gilsum	1	Mt Caesar		Troy	New	TOtal
Option #1	Do Nothing	\$	7,355,369	\$	5,807,799	\$	3,066,905	\$	6,918,912	\$	4,967,242		\$ 28,116,227
Option #2	Renovations and Additions Over Ten Years.	\$	8,086,438	\$	8,216,513	\$	8,639,862	\$	9,128,314	\$	13,692,803		\$ 47,763,930
Option #3	Additions/Renovations District Wide in One Year	\$	8,031,465	\$	6,047,724	\$	4,855,701	\$	7,418,793	\$	6,288,229		\$ 32,641,912
Option #4	New South Elementary, Additions/Renovations to North Schools	\$	8,031,465			\$	4,855,701	\$	7,418,793			\$ 14,941,469	\$ 35,247,428
Option #5	New South Elementary, Mt Caesar North Elementary, Add/Reno to Gilsum					\$	4,855,701	\$	15,121,315			\$ 14,941,469	\$ 34,918,485
Option #6	Consolidate all Elementary onto Mt Caesar Site											\$ 37,221,168	\$ 37,221,168
Option #7	New South Elementary and Mt Caesar North with Redistricting							\$	14,603,739			\$ 18,134,926	\$ 32,738,665
Option #8	Troy South Elementary and Mt Caesar North with Redistricting							\$	14,603,739	\$	17,502,271		\$ 32,106,010
1		I											
Option #9	Mt Caesar Swanzey/Troy, Emerson and Gilsum Remain			\$	6,047,724	\$	4,855,701	\$	24,179,515				\$ 35,082,939
Option #10	Town Schools			\$	6,047,724	\$	4,855,701	\$	15,121,315	\$	6,288,229		\$ 32,312,968

OPTION 1

DO NOTHING

Cutle	r Elementary Sc Student Capacity	hod	اد 300		- Do Noth	ing					Life-Cy	cle Cost /	Analysis
	Task	Rat	es	Year 1	2	3	3 4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
DS	Division 6			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 7			-	-	-	-	-	-	-	-	-	-
<u> </u>	Division 8			-	-	-	-	-	-	-	-	-	-
ā	Division 9			-	-	-	-	-	-	-	-	-	-
Ⅎ	Division 10			-	-	-	-	-	-	-	-	-	-
	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15 Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTA			-	-	-	-		-	-	-		-
	Water	\$	0.20	7,154	7,362	7,575	7,795	8,021	8,254	8,493	8,739	8,993	9,254
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.59	21,106	21,718	22,347	22,996	23,662	24,349	25,055	25,781	26,529	27,298
	On-Site			-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
胃	Oil	\$	0.87	31,122	32,024	32,953	33,909	34,892	35,904	-	-	-	-
UTILITIES	Propane	\$	0.80	-	-	-	-	-	-	33,972	34,958	35,971	37,015
)	Wood			-	-	-	-	-	-	-	-	-	-
	Electricity			-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	0.02	715	736	758	780	802	825	849	874	899	925
	SUBTOTA			60,097	61,840	63,633	65,479	67,378	69,332	68,370	70,352	72,393	74,492
ι,	Cleaning	\$	3.00	107,316	110,429	113,631	116,926	120,317	123,806	127,397	131,091	134,893	138,805
Z Ö	Repairs	\$	0.30	10,732	11,043	11,363	11,693	12,032	12,381	12,740	13,109	13,489	13,880
ΜÜ	Productivity Loss		1.10%	,	15,184	15,624	16,077	16,544	17,023	17,517	18,025	18,548	19,086
HUMAN RESOURCES	Bussing	\$	1,600	452,760	465,890	479,401	493,303	507,609	522,330	537,478	553,064	569,103	585,607
	SUBTOTA	L		585,564	602,545	620,019	638,000	656,502	675,540	695,131	715,290	736,033	757,378
ш	Principal			-	-	-	-	-	-	-	-	-	-
NC	Interest			-	-	-	-	-	-	-	-	-	-
ΣŽ				-	-	-	-	-	-	-	-	-	-
8				-	-	-	-	-	-	-	-	-	-
È	Tax Income			-	-	-	-	-	-	-	-	-	-
PER	Building Aid Reimbursem	ent		-	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
ш.	SUBTOTA	L		-	-	-	-	-	-	-	-	-	-
			TOTAL	645,661	664,386	683,653	703,479	723,880	744,872	763,501	785,642	808,426	831,870
											GF	RAND TOTAL	\$ 7,355,369
				Bond Amt:	\$ -		Building Size:	34,764		Total Project Co		\$ -	
				Bond Term: Bond Rate:	20 1.67% **		Inflation: Value Exist:	2.90% *	*	State Aid Rate: State Building A			Nominal

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Eme	rson Elementary			Option 1	- Do Noth	ing					Life-Cy	cle Cost A	Analysis
	Student Capacity		200	Year									
	Task	Rat	es	1	2	3	3 4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
ω.	Division 5 Division 6			-	-	-	-	-	-	-	-	-	-
<u> </u>	Division 7							-					
BUILDING NEEDS	Division 8			_	-	_	-	_	_	-	_	-	-
8	Division 9			-	_	_	-	_	_	-	-	_	-
₽	Division 10			-	-	-	-	-	-	-	-	-	-
B	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL Water	\$	0.20	6,760	6,956	7,157	7,365	7,579	7,798	8,025	8,257	8,497	8,743
	Electricity	\$	-	-	-		7,303	-		-		-	-
	Grid	\$	0.60	20,279	20,867	21,472	22,095	22,736	23,395	24,074	24,772	25,490	26,229
	On-Site	-		-	-	´-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	0.82	27,715	28,519	-	-	-	-	-	-	-	-
₽	Propane	\$	0.80	-	-	28,630	29,460	30,314	31,194	32,098	33,029	33,987	34,972
ے	Wood	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel SUBTOTAL	\$	-	54,754	56,341	57,260	58,920	60,629	62,387	64,196	66,058	67,974	69,945
	Cleaning	\$	3.00	101,396	104,336	107,362	,	113,679	116,976	120,368	123,859	127,451	131,147
S	Repairs	\$	0.30	101,390	10,434	107,302		11,368	11,698	12,037	12,386	12,745	13,115
A AN	Productivity Loss	Y	1.10%	13,942	14,346	14,762		15,631	16,084	16,551	17,031	17,524	18,033
N D	Bussing	\$	1,600	329,280	338,829	348,655		369,170	379,876	390,893	402,229	413,893	425,896
HUMAN	6		,	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			454,757	467,945	481,515	495,479	509,848	524,634	539,848	555,504	571,613	588,190
H	Principal			-	-	-	-	-	-	-	-	-	-
Ž	Interest			-	-	-	-	-	-	-	-	-	-
뫁				-	-	-	-	-	-	-	-	-	-
∞ ×	Tay Income												
Ε	Tax Income			-	-		-	-	-	-		-	-
PROPERTY & FINANCE				_	_		_	_				_	_
R.	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
			TOTAL	509,511	524,286	538,775	554,400	570,477	587,021	604,045	621,562	639,587	658,135
											GF	AND TOTAL	\$ 5,807,799
				Bond Amt:	\$ -		Building Size:	32,846		Total Project Cos	+-	; -	
				Bond Amt: Bond Term:	20		Inflation:	2.90% *		State Aid Rate:	ι. :		Nominal
				Bond Rate:	1.67% **		Value Exist:	2.50/0		State Building Aid	d:	33/01	

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Gils	um STEAM Acad	demy	У	Option 1	- Do Noth	ing					Life-Cy	cle Cost A	Analysis
	Student Capacity		100										
	- .			Year	2	_		-		_		•	40
	Task Division 0	Rat	tes	1	2	3	4	5	6	7	8	9	10
	Division 0 Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	Division 3 Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
S	Division 6							_					
	Division 7			_	_	_		_	_		_		
BUILDING NEEDS	Division 8			_	_	_	_	_	_	_	_	_	_
8	Division 9			_	_	_	_	_	_	_	_	_	_
ੂ	Division 10			_	_	_	_	_	_	_	_	_	_
E E	Division 11			_	_	_	-	-	_	_	-	_	-
	Division 12			_	_	_	-	-	_	_	-	_	-
	Division 13			_	-	-	-	_	_	_	-	_	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTO	TAL		-	-	-	-	-	-	-	-	-	-
	Water	\$	0.20	3,718	3,826	3,937	4,051	4,169	4,290	4,414	4,542	4,674	4,809
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.85	15,803	16,261	16,733	17,218	17,718	18,231	18,760	19,304	19,864	20,440
	On-Site	-		-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	0.94	17,476	17,983	18,505	-	-	-	-	-	-	-
員	Propane	\$	0.80	-	-	-	16,205	16,675	17,159	17,657	18,169	18,696	19,238
_	Wood	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	25.000	-	20.475	-	-	20.600	-	12.015	-	-
	SUBTO*	TAL \$	2.00	36,998 55,776	38,071 57,393	39,175	37,475 60,771	38,562 62,533	39,680 64,346	40,831 66,212	42,015	43,233 70,108	44,487 72,141
S	Cleaning Repairs	\$	3.00 0.30	5,578	5,739	59,058 5,906	6,077	6,253	6,435	6,621	68,133 6,813	70,108	72,141
A P	Productivity Loss	۶	1.10%		7,892	8,120	8,356	8,598	8,848	9,104	9,368	9,640	9,919
ΣĎ	Bussing	\$	1,600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
HUMAN	Dussing	Y	1,000	104,040	105,415	-	-	-	103,330	155,440	201,114	200,547	-
_	SUBTO	TAL		233,663	240,439	247,412	254,587	261,970	269,567	277,384	285,428	293,706	302,223
, u	Principal			-	-	-	-	-	-	-	-	-	-
Š	Interest			-	-	-	-	-	-	-	-	-	-
₹ 2				-	-	-	-	-	-	-	-	-	-
8													
E	Tax Income			-	-	-	-	-	-	-	-	-	-
E E				-	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
_	SUBTO [*]	TAL		-	-	-	-	-	-	-	-	-	-
			TOTAL	270.664	270 540	206 507	202.062	200 522	200 247	240 245	227 442	226.020	246 740
			TOTAL	270,661	278,510	286,587	292,062	300,532	309,247	318,215	327,443	336,939	346,710
											GF	RAND TOTAL	\$ 3,066,905
													, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
				Bond Amt:	\$ -		Building Size:	18,068		Total Project Co	st:	\$ -	
				Bond Term:	20		Inflation:	2.90% *		State Aid Rate:		55% N	Nominal
				Bond Rate:	1.67% **		Value Exist:	\$ -		State Building A	.id:		

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt C	aesar Elementary		Option 1	- Do Noth	ing					Life-Cyc	cle Cost A	Analysis
	Student Capacity	25										
	Task F	Rates	Year 1	2	3	3 4	5	6	7	8	9	10
	Division 0		-	-	-	-	-	-	-	-	-	-
	Division 1		-	-	-	-	-	-	-	-	-	-
	Division 2		-	-	-	-	-	-	-	-	-	-
	Division 3		-	-	-	-	-	-	-	-	-	-
	Division 4		-	-	-	-	-	-	-	-	-	-
	Division 5		-	-	-	-	-	-	-	-	-	-
DS	Division 6		-	-	-	-	-	-	-	-	-	-
当	Division 7		-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8		-	-	-	-	-	-	-	-	-	-
	Division 9		-	-	-	-	-	-	-	-	-	-
를	Division 10		-	-	-	-	-	-	-	-	-	-
Ω	Division 11		-	-	-	-	-	-	-	-	-	-
	Division 12		-	-	-	-	-	-	-	-	-	-
	Division 13		-	-	-	-	-	-	-	-	-	-
	Division 14		-	-	-	-	-	-	-	-	-	-
	Division 15 Division 16		-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		-	-	-	-	-	-	-	-	-	_
		\$ 0.20	7,921	8,151	8,387	8,630	8,880	9,138	9,403	9,676	9,956	10,245
		\$ -	-	-	-	-	-	-	-	-	-	-
		\$ 0.75	29,703	30,565	31,451	32,363	33,301	34,267	35,261	36,284	37,336	38,418
	On-Site	-	-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$ -	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$ -	-	-	-	-	-	-	-	-	-	-
텉		\$ 0.39	15,446	15,894	16,354	16,829	17,317	17,819	18,336	18,867	19,415	19,978
)		\$ -	-	-	-	-	-	-	-	-	-	-
		\$ -	-	-	-	-	-	-	-	-	-	-
		\$ -	-	-	-	-	-	-	-	-	-	-
		\$ -	-	-	-	-	-		-	64.027	-	-
	SUBTOTAL Cleaning	\$ 2.00	53,070 79,208	54,609 81,505	56,192 83,869	,	59,499 88,804	61,224 91,379	63,000 94,029	64,827 96,756	66,707 99,562	68,641 102,449
S		\$ 0.20	,	8,151	8,387		8,880	9,138	9,403	9,676	9,956	102,445
A B	Productivity Loss	0.90%	,	13,754	14,153		14,986	15,420	15,867	16,328	16,801	17,288
ΨÖ		\$ 1,600		465,890	479,401	493,303	507,609	522,330	537,478	553,064	569,103	585,607
HUMAN	Bassing, stadent	2,000	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		553,256	569,300	585,810	602,798	620,279	638,267	656,777	675,824	695,423	715,590
Щ	Principal	5.00%		-	-	-	-	-	-	-	-	-
Ž	Interest	1.679	6 -	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE			-	-	-	-	-	-	-	-	-	-
∞	- ·											
E.	Tax Income		-	-	-	-	-	-	-	-	-	-
OPE			-	-	-	-	-	-	-	-	-	-
PR	SUBTOTAL		-			-	-	-	-		-	-
		TOTA	L 606,325	623,909	642,002	660,620	679,778	699,491	719,777	740,650	762,129	784,231
										GF	RAND TOTAL	\$ 6,918,912
			Bond Amt:	\$ -		Building Size:	38,488		Total Project Cos	t: :	\$ -	
			Bond Term:	20		Inflation:	2.90% *		State Aid Rate:		55% N	Nominal
			Bond Rate:	1.67% **		Value Exist:			State Building Aid	d:		

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Troy	Elementary Student Capacity		200	-	- Do Noth	ing					Life-Cy	cle Cost A	Analysis
	Task	Ra	tes	Year 1	2	3	3 4	5	6	7	8	9	10
	Division 0	· · · ·	tes	-	-	-	-	-	-	- 1	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
DS	Division 6			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 7			-	-	-	-	-	-	-	-	-	-
Ş	Division 8			-	-	-	-	-	-	-	-	-	-
百	Division 9			-	-	-	-	-	-	-	-	-	-
툸	Division 10 Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	_	-	-	_	-		-	-
	Division 14			_	_	_	_	_	_	_	_	_	_
	Division 15			_	-	_	-	-	_	-	_	_	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOT	AL		-	-	-	-	-	-	-	-	-	-
	Water	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.64	18,175	18,702	19,244	19,802	20,377	20,968	21,576	22,201	22,845	23,508
	On-Site	-		-	-	-	-	-	-	-	-	-	-
ES	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-		-	-	-	-	-		
5	Propane	\$	0.83	23,571	24,254	24,958	25,681	26,426	27,192	27,981	28,792	29,627	30,487
	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$ \$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel SUBTOT			41,746	42,956	44,202	45,484	46,803	48,160	49,557	50,994	52,473	53,994
	Cleaning	\$	3.00	85,195	87,666	90,208	92,824	95,516	98,286	101,136	104,069	107,087	110,193
S	Repairs	\$	0.30	8,520	8,767	9,021	9,282	9,552	9,829	10,114	10,407	10,709	11,019
A AN	Productivity Loss	7	1.10%		12,054	12,404	12,763	13,133	13,514	13,906	14,310	14,724	15,151
≥ S	Bussing	\$	1,400	288,120	296,475	305,073	313,920	323,024	332,392	342,031	351,950	362,157	372,659
HUMAN	0		,	-	-	-	-	-	-	-	-	-	-
	SUBTOT	AL		393,549	404,962	416,706	428,790	441,225	454,021	467,187	480,736	494,677	509,023
щ	Principal			-	-	-	-	-	-	-	-	-	-
Ä	Interest			-	-	-	-	-	-	-	-	-	-
롩				-	-	-	-	-	-	-	-	-	-
∞ ∞													
Ē	Tax Income			-	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
PRC	SUBTOT	۸۱		-	-		-	-		-		-	-
	300101	AL		-	-	-	-	-	-	-		-	-
			TOTAL	435,294	447,918	460,908	474,274	488,028	502,181	516,744	531,729	547,150	563,017
					,	,	,	,	, -	,	, .	,	,-
											GF	RAND TOTAL	\$ 4,967,242
				Bond Amt: Bond Term: Bond Rate:	\$ - 20 1.67% **		Building Size: Inflation: Value Exist:	27,598 2.90% *		Total Project Cost State Aid Rate: State Building Aid		\$ - 55% N	Nominal

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 2 ADDITIONS AND RENOVATIONS OVER 10 YEARS

Cutle	er Elementary Student Capacity		300	Option 2	- Upgrade	es Over	Time				Life-Cy	cle Cost	Analysis
	- .			Year	2			_		-			10
	Task Division 0	Rat	es	1 28,524	2 62,895	84,135	4 76,283	5 39,455	6 37,394	7 74,758	8 33,938	9 4,656	10 208,663
	Division 1			102,900	02,893	- 04,133	70,283	-	37,334	74,736	-	4,030	1,159,236
	Division 2			13,892	105,884	43,582	-	-	_	-	_	_	-
	Division 3				-	-	_	-	_	-	-	_	_
	Division 4			-	10,588	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
SS	Division 6			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 7			-	52,942	-	-	-	-	-	-	-	-
2	Division 8			29,841	-	-	336,343	-	-	-	-	-	-
	Division 9			10,290	74,119	-	-	46,146	-	-	-	-	-
를	Division 10			-	-	19,612	-	-	-	-	-	-	-
盈	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	26,471	-	-	-	-	-	-	-	-
	Division 15			1,544	79,413	404,222	49,330	173,049	207,745	415,324	-		-
	Division 16			-	-		38,119	-	-	-	188,545	25,868	-
	SUBTOTAL		0.20	186,990	412,313	551,551	500,075	258,650	245,139	490,082	222,483	30,525	1,367,899
	Water	\$ \$	0.20	7,911	8,140	8,376	8,619	8,869	9,126	9,391	9,663	9,944	10,232
	Electricity Grid	\$ \$	0.59	23,337	24,014	24,710	25,427	26,164	26,923	27,704	28,507	29,334	30,184
	On-Site	\$ \$	0.59	23,337	24,014	24,710	25,427	20,104	20,923	27,704	26,507	29,334	30,164
	Heating Fuel	۶ \$	0.70	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	0.87	34,412	35,410	36,437	37,494	38,581	39,700				_
5	Propane	\$	0.80	34,412	55,410	30,437	37,434	30,301	33,700	37,564	38,654	39,774	40,928
5	Wood	\$	-	-	-		_	-	_	-	-	-	
	Electricity	\$	_	_	_	_	_	_	_	_	_	_	_
	Other	Ś	_	_	_	_	_	_	_	_	_	_	_
	Cooking Fuel	\$	0.02	791	814	838	862	887	913	939	966	994	1,023
	SUBTOTAL	Ė		66,451	68,378	70,361	72,401	74,501	76,662	75,598	77,790	80,046	82,367
	Cleaning	\$	2.50	98,885	101,753	104,704	107,740	110,865	114,080	117,388	120,792	124,295	127,900
_ XI	Repairs	\$	0.25	9,889	10,175	10,470	10,774	11,086	11,408	11,739	12,079	12,430	12,790
A A	Productivity Loss		1.00%	14,833	15,263	15,706	16,161	16,630	17,112	17,608	18,119	18,644	19,185
So d	Bussing/Student	\$	1,600	127,061	134,537	142,454	150,836	159,711	169,109	179,059	189,595	200,751	212,564
HUMAN				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			250,667	261,728	273,333	285,511	298,292	311,708	325,794	340,585	356,120	372,438
병	Principal		5.00%	-	-	-	-	-	-	-	-	-	-
Ā	Interest		1.67%	-	-	-	-	-	-	-	-	-	-
문				-	-	-	-	-	-	-	-	-	-
∞⊲				-	-	-	-	-	-	-	-	-	-
E	Tax Income			-	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE	Building Aid Reimburseme	nτ		-	-	-	-	-	-	-	-	-	-
PRO	SUBTOTAL			-	-		-	-		-		-	-
	SUBTUTAL			-	-	-	-	-	-	-	-	-	-
			TOTAL	504,108	742,419	895,245	857,987	631,443	633,509	891,474	640,858	466,691	1,822,704
			TOTAL	304,100	742,413	033,243	037,307	031,443	033,303	031,474	040,030	400,031	1,022,704
											GF	RAND TOTAL	\$ 8,086,438
				Bond Amt: Bond Term: Bond Rate:	\$ - 20 1.67% **		Building Size: Inflation: Value Exist:	38,439 2.90% *		Total Project Cost State Aid Rate: State Building Aid		\$ - 55%	Nominal

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Emer	rson Elementary			Option 2	- Upgrade	s Over	· Time				Life-Cy	cle Cost A	Analysis
	Student Capacity		200	Year									
	Task Division 0	Rat	tes	1 27,413	2 26,873	3 28,437	4 52,671	5 59,390	6 4,274	7 58,267	8 57,695	9 11,641	10 65,881
	Division 1 Division 2			102,900	6,353	-	-	-	-	-	-	64,671	299,458
	Division 3			_	_	_	_	_	-	_	-	-	_
	Division 4			-	-	_	_	-	-	-	-	-	-
	Division 5			8,232	-	-	-	138,439	-	-	-	-	-
25	Division 6			20,580	21,177	-	-	-	-	-	-	-	-
量	Division 7			-	10,588	-	56,057	-	-	-	62,848	-	-
BUILDING NEEDS	Division 8			20,580	10,588	136,193	-	-	-	-	-	-	-
N	Division 9			-	-	-	44,846	28,841	-	61,077	62,848	-	-
를	Division 10			-	-	-	-	-	-	-	-	-	-
ω	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	23,544	64,605	-	-	-	-	-
	Division 13 Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	79,413	21,791	-	23,073	23,742	262,631	- 157,121	-	-
	Division 16			-	21,177	21,/51	168,172	74,988	23,742	202,031	37,709	-	66,546
	SUBTOTAL			179,705	176,170	186,422	345,290	389,336	28,016	381,975	378,221	76,312	431,885
	Water	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.60	20,968	21,576	22,202	22,846	23,508	24,190	24,892	25,614	26,356	27,121
	On-Site	-		-	-	-	-	-	-	-	-	-	-
ES	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	0.82	28,657	29,488	-	-	-	-	-	-	-	-
5	Propane	\$	0.80	-	-	29,603	30,461	31,345	32,254	33,189	34,151	35,142	36,161
	Wood	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Electricity	\$ \$	0.40	-	-	-	-	-	-	-	-	-	-
	Other Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			56,614	58,256	59,205	60,922	62,689	64,507	66,378	68,303	70,283	72,322
	Cleaning	\$	2.50	87,368	89,901	92,508	95,191	97,952	100,792	103,715	106,723	109,818	113,003
_ S3	Repairs	\$	0.25	8,737	8,990	9,251	9,519	9,795	10,079	10,372	10,672	10,982	11,300
JRC JR	Productivity Loss		1.00%	13,105	13,485	13,876	14,279	14,693	15,119	15,557	16,008	16,473	16,950
HUMAN	Bussing	\$	1,600	329,280	338,829	348,655	358,766	369,170	379,876	390,893	402,229	413,893	425,896
7 8				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			438,489	451,206	464,291	477,755	491,610	505,867	520,537	535,632	551,166	567,150
핑	Principal		5.00%	-	-	-	-	-	-	-	-	-	-
AAN	Interest		1.67%	-	-	-	-	-	-	-	-	-	-
€				-	-	-	-	-	-	-	-	-	-
∞ ≻	Tax Income			_	_		_	_			_	_	
ERT	Tux meome			_	_	_	_	-	_	_	_	-	-
PROPERTY & FINANCE				_	_	-	_	-	-	_	_	_	-
R	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
			TOTAL	674,808	685,632	709,918	883,967	943,635	598,390	968,890	982,156	697,761	1,071,357
												_	
											GF	RAND TOTAL	\$ 8,216,513
				Bond Amt:	\$ -		Building Size:	33,962		Total Project Co	st:	5 -	
				Bond Term:	20		Inflation:	2.90% *		State Aid Rate:		55% N	Nominal
				Bond Rate:	1.67% **		Value Exist:		:	State Building A	id:		

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Gilsu	m STEAM Acade	emy	•	Option 2	- Upgrade	es Over	Time				Life-Cy	cle Cost	Analysis
	Student Capacity		100	Year									
	Task	Rat	tes	1	2	3	4	5	6	7	8	9	10
	Division 0			37,785	47,838	50,991	57,515	48,592	69,446	54,969	27,150	11,641	401,753
	Division 1			102,900	-	-	-	92,293	-	-	-	-	2,231,962
	Division 2			-	-	43,582	168,172	-	-	122,154	-	64,671	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			4,116	-	-	-	-	-	-	-	-	-
SO	Division 6			-		-	-	28,841	-	-	-	-	-
ä	Division 7			-	74,119	-	-	5,768	-	-	-	-	-
9	Division 8			-	-	32,686	-	13,844	-	-	-	-	-
둼	Division 9			10,290	38,118	21,791	-	- 0.652	-	-	-	-	-
BUILDING NEEDS	Division 10			-	-	-	-	8,652	-	-	-	-	-
	Division 11			-	-	-	-	1,730	-	-	-	-	-
	Division 12 Division 13			-	-	-	-	43,839	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	- 21,177	174,328	151,354	17,305	385,812	- 152,692	150,836	-	-
	Division 16			92,610	132,355	10,895	131,334	57,683	303,012	30,538	130,830	_	
	SUBTOTA	ı		247,701	313,608	334,273	377,041	318,548	455,258	360,354	177,986	76,312	2,633,715
	Water	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	
	Grid	\$	0.85	23,135	23,806	24,496	25,207	25,938	26,690	27,464	28,260	29,080	29,923
	On-Site	-		, -	, -	· -	-	· -	-	, -	-	-	· -
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
#	Oil	\$	0.94	25,585	26,327	27,090	-	-	-	-	-	-	-
UTILITIES	Propane	\$	0.40	-	-	-	11,862	12,206	12,560	12,924	13,299	13,685	14,082
_	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTA			54,163	55,734	57,350	43,000	44,247	45,530	46,850	48,209	49,607	51,046
	Cleaning	\$	2.50	68,044	70,018	72,048	74,138	76,288	78,500	80,776	83,119	85,529	88,010
CES N	Repairs	\$	0.25	6,804	7,002	7,205	7,414	7,629	7,850	8,078	8,312	8,553	8,801
Ā Ž	Productivity Loss		1.00%	,	10,503	10,807	11,121	11,443	11,775	12,116	12,468	12,829	13,201
HUMAN	Bussing/Student	\$	1,600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
~	CURTOTAL			240.005	250 027	-	- 272.055	270.045	-	-	205.012	242.050	222.000
	SUBTOTA	L	F 00%	249,695	256,937	264,388	272,055	279,945	288,063	296,417	305,013	313,858	322,960
PROPERTY & FINANCE	Principal Interest		5.00% 1.67%		-	-	-	-	-	-	-	-	-
Ž	interest		1.07/0		_			_		-			
른													
∞ ≻	Tax Income			_	_	_	_	_	_	_	_	_	_
EH	rax moonic			_	-	_	-	-	_	_	-	_	_
g				_	-	_	-	-	_	_	-	_	_
4	SUBTOTA	L		-	-	-	-	-	-	-	-	-	-
			TOTAL	551,560	626,278	656,011	692,096	642,739	788,851	703,621	531,208	439,777	3,007,721
											GF	RAND TOTAL	\$ 8,639,862
				Bond Amt: \$			Building Size:	26,451		Total Project Cos	t: :	\$ -	
				Bond Term:	20		Inflation:	2.90% *		State Aid Rate:	_	55%	Nominal
				Bond Rate:	1.67% **		Value Exist:			State Building Aid	1:		

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt C	aesar Elementar Student Capacity	ry	250		- Upgrade	s Ovei	r Time				Life-Cy	cle Cost	Analysis
	Task	Do	+00	Year 1	2	3	3 4	5	6	7	8	9	10
	Division 0	Κd	tes	21,300	4,765	4,903		5,191	5,342	5,497	- 0	-	258,971
	Division 1			102,900		-,505	-	5,151	3,342	-	-		1,438,730
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
DS	Division 6			15,435	-	-	-	-	-	-	-	-	-
当	Division 7			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8			-	-	-	-	-	-	-	-	-	-
盲	Division 9			-	-	27,239	-	28,841	-	30,538	-	-	-
5	Division 10			-	-	-	-	-	-	-	-	-	-
	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12 Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14				-	-							
	Division 15			_	26,471	_	28,029	_	29,678	_	_	_	_
	Division 16			_	-	_	-	_	-	-	-	_	_
	SUBTOTA	۱L		139,635	31,236	32,142	33,074	34,033	35,020	36,035	-	-	1,697,702
	Water	\$	0.20	8,692	8,944	9,203	9,470	9,745	10,027	10,318	10,617	10,925	11,242
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.75	32,594	33,539	34,511	35,512	36,542	37,602	38,692	39,814	40,969	42,157
	On-Site	-		-	-	-	-	-	-	-	-	-	-
ES	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
5	Propane	\$	0.39	16,949	17,440	17,946		19,002	19,553	20,120	20,703	21,304	21,922
	Wood Electricity	\$ \$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$		-	-	-	-	-		-			
	Cooking Fuel	\$	_	_	_	_	_	_	_	-	-		_
	SUBTOTA			58,234	59,923	61,660	63,449	65,289	67,182	69,130	71,135	73,198	75,321
	Cleaning	\$	2.00	86,916	89,437	92,030		97,446	100,272	103,179	106,172	109,251	112,419
_ XI	Repairs	\$	0.20	8,692	8,944	9,203		9,745	10,027	10,318	10,617	10,925	11,242
A A	Productivity Loss		0.90%	14,667	15,092	15,530	15,981	16,444	16,921	17,412	17,916	18,436	18,971
HUMAN	Bussing / Student	\$	1,600	452,760	465,890	479,401	493,303	507,609	522,330	537,478	553,064	569,103	585,607
7 3				-	-	-	-	-	-	-	-	-	-
	SUBTOTA	۱L		563,035	579,363	596,164	-	631,243	649,549	668,386	687,770	707,715	728,239
E	Principal		5.00%		-	-	-	-	-	-	-	-	-
N A	Interest		1.67%	-	-	-	-	-	-	-	-	-	-
듄				-	-	-	-	-	-	-	-	-	-
∞ ≻	Tax Income				_			_		_			_
ERT	lax income			_	_	_	_	_	_	-	-		_
PROPERTY & FINANCE				_	-	_	_	_	_	-	_	_	_
R	SUBTOTA	۱L		-	-	-	-	-	-	-	-	-	-
			TOTAL	760,904	670,521	689,967	709,976	730,565	751,751	773,552	758,905	780,913	2,501,261
											GF	RAND TOTAL	\$ 9,128,314
							5 111 51	42		T. 10			
				Bond Amt: Bond Term:	\$ - 20		Building Size: Inflation:	42,233 2.90% *		Total Project Cost State Aid Rate:	: :	- ====	Nominal
				Bond Term: Bond Rate:	20 1.67% **		Value Exist:	∠.90% *		State Aid Rate: State Building Aid		55%	INUITIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
				bolla Nate.	1.07/0		Value LAISE.			State Dullulling Alu			

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Troy	Elementary		200		2 - Upgrade	es Over	Time				Life-Cy	cle Cost	Analysis
	Student Capacity		200	Year									
	Task	Ra	tes	1	2	3	3 4	5	6	7	8	9	10
	Division 0			64,827	83,860	63,150		57,314	78,207	72,559	175,347	86,142	558,669
	Division 1			-	127,061	· -	-	-	296,778	-	942,723	· -	3,103,718
	Division 2			-	-	-	-	28,841	-	-	-	-	-
	Division 3			-	105,884	-	-	-	-	79,400	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	56,057	-	-	-	-	-	-
DS	Division 6			-	-	-	67,269	34,610	-	-	-	-	-
買	Division 7			-	52,942	-	-	-	-	-	-	-	-
5	Division 8			-	-	326,864	-	-	-	-	-	-	-
BUILDING NEEDS	Division 9			-	-	-	-	-	71,227	109,939	31,424	129,342	-
=	Division 10			-	-	-	-	-	-	-	-	-	-
	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	24,227	66,478	-	-	25,868	-
	Division 13			-	-	-	-	-	-	-	-	323,354	-
	Division 14			-	-	-	-	-	-	213,769	-	-	-
	Division 15			360,150	158,826	- 22.070	-	201,890	-	-	-	-	-
	Division 16 SUBTOT	- ^ 1		424,977	21,177 549,750	23,970 413,984	252,257 443,188	28,841 375,723	512,691	475,668	1,149,494	564,706	3,662,388
	Water	\$	-	424,377	-	413,364	-	-	312,031	473,008		304,700	3,002,388
	Electricity	\$	_	_	_	_	_	_	_	_	_	_	_
	Grid	\$	0.64	22,366	23,015	23,682	24,369	25,076	25,803	26,551	27,321	28,113	28,929
	On-Site	-		,	-	,	,						
10	Cooking Fuel	\$	-	_	-	-	-	-	_	-	_	_	_
Ë	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
:	Propane	\$	0.83	29,006	29,847	30,713	31,603	32,520	33,463	34,433	35,432	36,460	37,517
	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOT			51,372	52,862	54,395	55,972	57,596	59,266	60,985	62,753	64,573	66,446
	Cleaning	\$	2.50	87,368	89,901	92,508		97,952	100,792	103,715	106,723	109,818	113,003
z ö	Repairs	\$	0.25	8,737	8,990	9,251	9,519	9,795	10,079	10,372	10,672	10,982	11,300
ΣÃ	Productivity Loss		1.00%		13,485	13,876		14,693	15,119	15,557	16,008	16,473	16,950
HUMAN	Bussing	\$	1,400	288,120	296,475	305,073	313,920	323,024	332,392	342,031	351,950	362,157	372,659
~	SUBTOT	AL		397,329	408,852	420,709	432,909	445,464	458,382	471,675	485,354	499,429	513,912
ш	Principal		5.00%		-	-	-	-	-	-	-	-	-
NC	Interest		1.67%		-	-	-	-	-	-	-	-	-
₹				-	-	-	-	-	-	-	-	-	-
∞ ⊥													
	Tax Income			-	-	-	-	-	-	-	-	-	-
ZE.				-	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
Δ.	SUBTOT	AL		-	-	-	-	-	-	-	-	-	-
			TOTAL	072.670	1 011 464	000 000	022.070	070 703	1 020 220	1 000 227	1,697,601	1 120 700	4 242 746
			IOIAL	873,679	1,011,464	889,088	932,070	878,782	1,030,339	1,008,327	1,697,601	1,128,708	4,242,746
											G	RAND TOTAL	\$ 13,692,803
				Bond Amt:	\$ -		Duilding Cin-	33,962		Total Drain-+ C	oct.	\$ -	
				Bond Amt: Bond Term:	Ş - 20		Building Size: Inflation:	2.90%	*	Total Project C State Aid Rate:		•	Nominal
				Bond Rate:	1.67% **		Value Exist:	2.50/0		State Building		3370	
					- ·-								

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 3 ADDITIONS / RENOVATIONS IN ONE YEAR

Cutler Elementary

Project Cost Worksheet

Student Capacit	v 30	00

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces	# 000 000	
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$2,940,000
	New Constuction	3,675 s.f.	\$ 182 per s	.f. \$669,000	
	Renovation			\$2,205,000	
	Construction Contingency	5.00%		\$33,000	
	Construction Manager Fee	5.00%		\$33,000	
3.	Design Fees				\$190,000
	Civil Engineering	6.00%		\$10,000	
	A&E New Construction	5.00%		\$30,000	
	A&E Renovation	7.00%		\$150,000	
4.	Furniture, Equipment and Servi	ces			\$280,000
	Loose Equipment	5.00%		\$150,000	
	Phone Service	1.00%		\$30,000	
	Computers	2.00%		\$60,000	
	Utility Charges	1.50%		\$40,000	
5.	Administrative Costs				\$50,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$20,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$200,000

Total Project Cost

\$3,860,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 11/30/2020

Cutler Elementary Student Capacity	300	Core Capacity	Bono 350	l Cost Worksheet
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o. Original School 3-Story Addition Classroom Wing Gym Addition Pre-School	120 s 1900 1950's 1970's 1990	quare feet / student :	42,000 11,382	based on core capacity Older than 35 years Older than 35 years Older than 35 years
		Total to Deduct	11,382	
Allowable Size			30,618	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost Allowable Cost	182 p	er square foot =	\$5,572,476 \$920,000 6,492,476	
Reimbursement				
Renovation Thresholds	2	Replacement Value 25% Renovation Min. 30% Renovation Max.		
State Aid	55% 80%	Allowed Project Cost State Aid Rate At Start	= \$2,123,000 \$1,698,400	\$ 3,860,000

20% At Completion

Total Project Cost \$3,860,000

\$424,600

Total State Aid \$2,123,000

Total Bond Amount \$2,161,600

Table H

Barker Architects, PLLC 11/30/2020

Task Rates 1 2 3 4 5 6 7 8 9 10	Cut	er Elementary Student Capacity		275	Option 3	- Upgrad	es in One	e Year				Life-Cy	cle Cost A	Analysis
Division 1 Division 2		Task	Rat			2	3	4	5	6	7	8	q	10
Division 1 Division 3			Ital	ies	_	2	3	4	3	U	,	0	3	10
Division 3					-	-	-	-	-	-	-	-	-	-
Division 3														
Division 4					-	-	-	-	-	-	-	-	-	-
Division 5					-	-	-	-	-	-	-	-	-	-
Division 7					-	-	-	-	-	-	-	-	-	-
Division 7					-	-	-	-	-	-	-	-	-	-
Division 12	DS				-	-	-	-	-	-	-	-	-	-
Division 12	BUILDING NEE				-	-	-	-	-	-	-	-	-	-
Division 12		Division 8			-	-	-	-	-	-	-	-	-	-
Division 12		Division 9			-	-	-	-	-	-	-	-	-	-
Division 12		Division 10			-	-	-	-	-	-	-	-	-	-
Division 13 Division 14 Division 15 Division 15 Division 15 Division 16 Water \$ 0.20 7,911 8,140 8,376 8,619 8,869 9,126 9,391 9,663 9,944 10,232 Grid \$ 0.75 29,666 30,526 31,411 32,322 33,259 34,224 35,216 36,238 37,289 38,370 On-Site		Division 11			-	-	-	-	-	-	-	-	-	-
Name		Division 12			-	-	-	-	-	-	-	-	-	-
Note		Division 13			-	-	-	-	-	-	-	-	-	-
Water S 0.20 7,911 8,140 8,376 8,619 8,869 9,126 9,391 9,663 9,944 10,232		Division 14			-	-	-	-	-	-	-	-	-	-
SUBTOTAL		Division 15			-	-	-	-	-	-	-	-	-	-
Water \$ 0.20 7,911 8,140 8,376 8,619 8,869 9,126 9,391 9,663 9,944 10,232 Electricity \$		Division 16			-	-	-	-	-	-	-	-	-	-
Water \$ 0.20 7,911 8,140 8,376 8,619 8,869 9,126 9,391 9,663 9,944 10,232 Electricity \$		SUBTOTAL			-	-	-							
Electricity				0.20	7,911	8,140	8,376	8,619	8,869	9,126	9,391	9,663	9,944	10,232
Grid \$ 0.75 29,666 30,526 31,411 32,322 33,259 34,224 35,216 36,238 37,289 38,370 On-Site		Electricity		-	, -	, -	, <u> </u>	, -	, -		´-	-	-	
On-Site Heating Fuel \$ 0.87 34,412				0.75	29 666	30 526	31 411	32 322	33 259	34 224	35 216	36 238	37 289	38 370
Heating Fuel \$ 0.87 34,412			-	0.75	-	-	-		-		-	-	-	-
Oil \$ 0.87 34,412			\$	-	_	_	_	_	_	_	_	_	_	_
Note	IES .				3/1/12	_	_	_	_	_	_	_	_	_
Note	5				54,412	32 561	33 505	2/1 // 77	25 /177	36 505	37 564	38 654	30 77/	40 928
Flectricity \$ 0.40 - - - - - - - - -	5	•				52,501	-	54,477	55,477	50,505	37,304	30,034	33,774	40,328
Other \$					-	-	-	-	-	-	-	-	-	-
Cooking Fuel \$ 0.02 791 814 838 862 887 913 939 966 994 1,023 SUBTOTAL 72,779 72,041 74,130 76,280 78,492 80,768 83,111 85,521 88,001 90,553 Cleaning \$ 2.00 79,108 81,402 83,763 86,192 88,692 91,264 93,910 96,634 99,436 102,322 Productivity Loss 0.20 7,911 8,140 8,376 8,619 8,869 9,126 9,391 9,663 9,944 10,232 Productivity Loss 0.90% 13,349 13,737 14,135 14,545 14,967 15,401 15,847 16,307 16,780 17,266 Bussing / Student \$ 1,200 452,760 465,890 479,401 493,303 507,609 522,330 537,478 553,064 569,103 585,607 SUBTOTAL 553,128 569,169 585,675 602,660 620,137 638,121 656,626 675,668 695,263 715,425 Principal 16,67% 34,294 32,489 30,684 28,879 27,074 25,269 23,464 21,659 19,854 18,049 Tax Income		•		0.40	-	-	-	-	-	-	-	-	-	-
SUBTOTAL 72,779 72,041 74,130 76,280 78,492 80,768 83,111 85,521 88,001 90,553				0.00	701	- 014	- 020	-	- 007	- 013	- 020	-	-	1 022
Cleaning \$ 2.00 79,108 81,402 83,763 86,192 88,692 91,264 93,910 96,634 99,436 102,320				0.02										
Repairs \$ 0.20 7,911 8,140 8,376 8,619 8,869 9,126 9,391 9,663 9,944 10,232 Productivity Loss 0.90% 13,349 13,737 14,135 14,545 14,967 15,401 15,847 16,307 16,780 17,266 8ussing / Student \$ 1,200 452,760 465,890 479,401 493,303 507,609 522,330 537,478 553,064 569,103 585,607 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2.00		-			-					
SUBTOTAL 553,128 569,169 585,675 602,660 620,137 638,121 656,626 675,668 695,263 715,425 Principal 5.00% 108,080 108,														
SUBTOTAL 553,128 569,169 585,675 602,660 620,137 638,121 656,626 675,668 695,263 715,425 Principal 5.00% 108,080 108,	Z Ľ	Repairs	Ş											
SUBTOTAL 553,128 569,169 585,675 602,660 620,137 638,121 656,626 675,668 695,263 715,425 Principal 5.00% 108,080 108,	∑ ¥	Productivity Loss												
SUBTOTAL 553,128 569,169 585,675 602,660 620,137 638,121 656,626 675,668 695,263 715,425 Principal 5.00% 108,080 108,	∃ %	Bussing / Student	Ş	1,200										
Principal 5.00% 108,080 108,08	2													
Interest 1.67% 34,294 32,489 30,684 28,879 27,074 25,269 23,464 21,659 19,854 18,049														
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	빙													
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	Ž	Interest		1.67%	34,294	32,489	30,684	28,879	27,074	25,269	23,464	21,659	19,854	18,049
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	Z.				-	-	-	-	-	-	-	-	-	-
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	∞ ∞				-	-	-	-	-	-	-	-	-	-
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	⋛	Tax Income			-	-	-	-	-	-	-	-	-	-
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	PEF	Building Aid Reimburseme	ent		424,600									
TOTAL 343,682 781,779 798,569 815,899 833,783 852,238 871,281 890,929 911,198 932,108 GRAND TOTAL \$8,031,465	8				-	-	-	-	-	-	-	-	-	-
GRAND TOTAL \$8,031,465	_	SUBTOTAL			(282,226)	140,569	138,764	136,959	135,154	133,349	131,544	129,739	127,934	126,129
GRAND TOTAL \$8,031,465														
				TOTAL	343,682	781,779	798,569	815,899	833,783	852,238	871,281	890,929	911,198	932,108
												GF	RAND TOTAL	\$ 8,031,465

Bond Amt:	\$ 2,161,600	Building Size:	38,439	Total Project Cost:	\$ 3,860,000
Bond Term:	20	Inflation:	2.90% *	State Aid Rate:	55% Nominal
Bond Rate:	1.67% **	Value Exist:		State Building Aid:	\$2,123,000

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Emerson Elementary School

Project Cost Worksheet

Student Capacity 200

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$1,844,000
	New Constuction	1,116 s.f.	\$ 182 per s	s.f. \$203,000	
	Renovation			\$ 1,621,000	
	Construction Contingency	5.00%		\$10,000	
	Construction Manager Fee	5.00%		\$10,000	
	· ·				
3.	Design Fees				\$100,000
	Civil Engineering	6.00%		\$10,000	. ,
	A&E New Construction	5.00%		\$90,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture Equipment and Cond				\$180,000
4.	Furniture, Equipment and Servi	5.00%		000 000	\$100,000
	Loose Equipment Phone Service	5.00% 1.00%		\$90,000 \$20,000	
		2.00%		\$40,000	
	Computers	2.00% 1.50%			
	Utility Charges	1.50%		\$30,000	
5.	Administrative Costs				\$50,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$20,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$100,000
0.	Design Contingency	J /0			φ100,000

Total Project Cost

\$2,474,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

10/29/2020

Emerson Elementary School			Bond	ond Cost Worksheet		
Student Capacity	200	Core Capacity	248			
Square Foot Allowance						
State Allowable Formula Previous < 35 y.o.	144	square feet / student :	35,712	based on core capacity		
Gym/CR Addition	1990		19,706			
Pre-School			-			
		Total to Deduct	19,706			
Allowable Size			16,006			
Construction Cost Allowance						
State Allowable Formula \$ Site and Soft Cost	182	per square foot =	\$2,913,092 \$630,000			
Allowable Cost			3,543,092			
Reimbursement						
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.				
State Aid	55% 80% 20%	At Start	= \$1,360,700 \$1,088,560 \$272,140	\$ 2,474,000		
		Total Proj	ect Cost	\$2,474,000		
		Total S	State Aid	\$1,360,700		

Table H

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$1,385,440

Emer	son Elementary Student Capacity		200		3 - Upgrade	s in O	ne Year					Life-C	ycle Cost	Analysis
	- .	٠.		Year	2	_			_		_			10
	Task	Rat	es	1	2	3	4		5	6	7	8	9	10
	Division 0 Division 1			-	-	-	-		-	-	-	-	-	-
				-	-	-	-		-	-	-	-	-	-
	Division 2			-	-	-	-		-	-	-	-	-	-
	Division 3			-	-	-	-		-	-	-	-	-	-
	Division 4			-	-	-	-		-	-	-	-	-	-
	Division 5			-	-	-	-		-	-	-	-	-	-
EDS	Division 6			-	-	-	-		-	-	-	-	-	-
BUILDING NEEDS	Division 7			-	-	-	-		-	-	-	-	-	-
9	Division 8			-	-	-	-		-	-	-	-	-	-
₫	Division 9			-	-	-	-		-	-	-	-	-	-
5	Division 10			-	-	-	-		-	-	-	-	-	-
ш	Division 11			-	-	-	-		-	-	-	-	-	-
	Division 12			-	-	-	-		-	-	-	-	-	-
	Division 13			-	-	-	-		-	-	-	-	-	-
	Division 14			-	-	-	-		-	-	-	-	-	-
	Division 15			-	-	-	-		-	-	-	-	-	-
	Division 16			-	-	-			-	-	-	-	-	-
	SUBTOTAL		0.20	-	7 102	7 401	7.615		7.026	- 0.002	- 0.207	0.520	- 0.705	-
	Water	\$	0.20	6,989	7,192	7,401	7,615		7,836	8,063	8,297	8,538	8,785	9,040
	Electricity	\$	-	-	-		-		-	-			-	-
	Grid	\$	0.60	26,210	26,970	27,753	28,557		29,386	30,238	31,115	32,017	32,945	33,901
	On-Site	-		-	-	-	-		-	-	-	-	-	-
ES	Heating Fuel	\$	-	-	-	-	-		-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-		-	-	-	-	-	-
5	Propane	\$	0.80	27,958	28,768	29,603	30,461		31,345	32,254	33,189	34,151	35,142	36,161
	Wood	\$	-	-	-	-	-		-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-		-	-	-	-	-	-
	Other	\$	-	-	-	-	-		-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-		-		-			-
	SUBTOTAL		2.00	61,157	62,931	64,756	66,634		68,566	70,555	72,601	74,706	76,873	79,102
S	Cleaning	\$	2.00	69,894	71,921	74,007	76,153		78,361	80,634	82,972	85,378	87,854	90,402
Z Ö	Repairs	\$	0.20	6,989	7,192	7,401	7,615		7,836	8,063	8,297	8,538	8,785	9,040
Ž Ž	Productivity Loss		0.90%	11,795	12,137	12,489	12,851		13,223	13,607	14,002	14,408	14,825	15,255
HUMAN	Bussing/Student	\$	1,600	329,280	338,829	348,655	358,766		369,170	379,876	390,893	402,229	413,893	425,896
~	CURTOT			417.050	-	442.551	455 205		400 501	402.402	406.464	F10 553	-	-
	SUBTOTAL	_	F 000/	417,958	430,079	442,551	455,385		468,591	482,180	496,164	510,552	525,358	540,594
PROPERTY & FINANCE	Principal		5.00%	69,272	69,272	69,272	69,272		69,272	69,272	69,272	69,272	69,272	69,272
ΔĀ	Interest		1.67%	21,980	20,823	19,666	18,509		17,353	16,196	15,039	13,882	12,725	11,568
듣				-	-	-	-		-	-	-	-	-	-
∞														
Æ	Tax Income			-	-	-	-		-	-	-	-	-	-
DPE	Building Aid Reimburseme	ent		280,032	-	-	-		-	-	-	-	-	-
PRO	CURTOTAL			(400 700)	-	-			-	-	-	- 02 454	-	-
	SUBTOTAL	L		(188,780)	90,095	88,938	87,781		86,625	85,468	84,311	83,154	81,997	80,840
			TOTAL	290,335	583,105	596,245	609,800		623,782	638,203	653,075	668,413	684,228	700,536
			IUIAL	290,333	363,103	390,243	609,800		023,762	036,203	055,075	000,413	004,220	700,530
													GRAND TOTAL	\$ 6 047 724
												,	GIAND IUIAL	70,047,724
				Bond Amt:	\$ 1,385,440		Building Size:	¢	33,962		Total Project Cost		\$ 2,474,000	
				Bond Term:	20		Inflation:	٧	2.90% *		State Aid Rate:	•		Nominal
				Bond Rate:	1.67% **		Value Exist:		2.5070		State Building Aid		\$ 1,360,700	
				_ 5	2.0770		. G.GC ENISC				Late Danding Ald	•	, 1,550,700	

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

Gilsum Elementary

Project Cost Worksheet

Student Capacity 100

1.	Site Development Costs				\$0
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities				
2.	General Construction - New				\$3,657,000
۷.	New Construction	8,383 s.f.	\$ 182 per s.f.	\$1,526,000	φ3,037,000
	Renovation	0,303 5.1.	φ 102 per s.i.	\$1,979,000	
	Construction Contingency	5.00%		\$76,000	
	Construction Manager Fee	5.00%		\$76,000	
	Construction Manager Fee	3.00 %		φ10,000	
3.	Design Fees				\$180,000
	Civil Engineering	6.00%		\$0	
	A&E New Construction	5.00%		\$180,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture, Equipment and Servi	202			\$340,000
4.	Loose Equipment	5.00%		\$180,000	φ3 4 0,000
	Phone Service	1.00%		\$40,000	
	Computers	2.00%		\$ 4 0,000 \$70,000	
	Utility Charges	1.50%		\$50,000	
	Offility Charges	1.50%		φ30,000	
5.	Administrative Costs				\$60,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$30,000	
	Bonding/Legal	0.30%		\$10,000	
6	Design Contingency	5%			000 000
6.	Design Contingency	3%			\$200,000

Total Project Cost

\$4,437,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Gilsum Elementary			Bond	Bond Cost Worksheet			
Student Capacity	100	Core Capacity	160)			
Square Foot Allowance							
State Allowable Formula Previous < 35 y.o.	144	square feet / student =	23,040	based on core capacity			
Original 1970's 1980's 1990's			7,890	Older than 35 years Older than 35 years Older than 35 years			
Pre-School							
Allowable Size		Total to Deduct	7,890 15,150				
Construction Cost Allowance							
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$2,757,300 \$780,000				
Allowable Cost			\$2,772,450				
Reimbursement							
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 3,288,376 \$ 822,094 \$ 1,973,026				
State Aid	55% 80% 20%		= \$1,524,848 \$1,219,878 \$304,970	\$ 2,772,450			
		Total Proj	ect Cost	\$4,437,000			
		Total S	State Aid	\$1,524,848			
		Total Bond	\$3,217,122				

Table H

Barker Architects, PLLC 11/30/2020

Gilsu	m STEAM Acader Student Capacity	ny	100	Option 3	- Upgrade	s in Or	ne Year				Life-C	ycle Cost	Analysis
		Rates	'	1	2	3	4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3 Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
S	Division 6				-		-						_
E.	Division 7			_	-	_	_	_	_	-	_	_	_
BUILDING NEEDS	Division 8			_	-	_	_	_	_	-	_	_	_
Ž.	Division 9			-	-	-	-	-	-	-	-	-	-
₽	Division 10			-	-	-	-	-	-	-	-	-	-
BU	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
			0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
		\$ \$ (- 22.425		24.400		-		27.464			
	Grid On-Site	\$ (0.85	23,135	23,806	24,496	25,207	25,938	26,690	27,464	28,260	29,080	29,923
		\$	_	-	-	-	-	-	-	-	-		-
UTILITIES	Oil		0.94	25,585	26,327	27,090	_	_	-				_
	Propane		0.40	-	-	-	11,862	12,206	12,560	12,924	13,299	13,685	14,082
5	Wood	Ś	-	_	-	_	-	-	-	-	-	-	
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			54,163	55,734	57,350	43,000	44,247	45,530	46,850	48,209	49,607	51,046
			2.00	54,435	56,014	57,639	59,310	61,030	62,800	64,621	66,495	68,423	70,408
SES	· ·		0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
HUMAN	Productivity Loss		.90%	9,186	9,452	9,726	10,009	10,299	10,597	10,905	11,221	11,546	11,881
HUMAN	Bussing	\$ 1,	,600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
~	CURTOTAL			222 705	-	247.456	-	202.017	200.010	-	-	202.750	202.270
	SUBTOTAL Principal	5	.00%	233,705 160,856	240,482 160,856	247,456 160,856	254,633 160,856	262,017 160,856	269,616 160,856	277,434 160,856	285,480 160,856	293,759 160,856	302,278 160,856
Ş	Interest		.67%	51,040	48,353	45,667	42,981	40,294	37,608	34,922	32,236	29,549	26,863
PROPERTY & FINANCE		-	.0770	-	-	-	-	-	-	-	-	-	-
~×													
≥	Tax Income			-	-	-	-	-	-	-	-	-	-
.Ж	Building Aid Reimbursemen	t		304,970	-	-	-	-	-	-	-	-	-
Š				-	-	-	-	-	-	-	-	-	-
₹	SUBTOTAL			(93,074)	209,209	206,523	203,837	201,151	198,464	195,778	193,092	190,405	187,719
		_											
		10	DTAL	194,795	505,426	511,330	501,469	507,414	513,610	520,063	526,781	533,771	541,043
											(GRAND TOTAL	\$ 4,855,701
				Bond Amt:	\$ 3,217,122		Building Size:	26,451		Total Project Cost		\$ 4,437,000	
				Bond Term:	\$ 5,217,122 20		Inflation:	2.90% *		State Aid Rate:			Nominal
				Bond Rate:	1.67% **		Value Exist:	2.50/0		State Building Aid	:	\$1,524,848	***
					2.0,,,,		. 2.00 2.000			Title Danama Ala		+ 1,52 1,540	
			*	Inflation bas	ed on current RS I	Means Hist	oric Cost Index	**	* Limited b	y Previous Addition	ıs		

^{*} Inflation based on current RS Means Historic Cost Index

^{***} Limited by Previous Additions

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt Ceasar Elementary

Project Cost Worksheet

Student Capacity 250

1.	Site Development Costs				\$100,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$100,000	
2.	General Construction - New				\$1,015,000
	New Constuction	3,745 s.f.	\$ 182 per s.f.	\$682,000	
	Renovation			\$265,000	
	Construction Contingency	5.00%		\$34,000	
	Construction Manager Fee	5.00%		\$34,000	
3.	Design Fees				\$60,000
0.	Civil Engineering	6.00%		\$10,000	ψου,σοσ
	A&E New Construction	5.00%		\$30,000	
	A&E Renovation	7.00%		\$20,000	
	AGE RONOVALON	1.0070		Ψ20,000	
4.	Furniture, Equipment and Service				\$100,000
	Loose Equipment	5.00%		\$50,000	
	Phone Service	1.00%		\$10,000	
	Computers	2.00%		\$20,000	
	Utility Charges	1.50%		\$20,000	
5.	Administrative Costs				\$10,000
	Testing	0.25%		\$0	
	Survey, Borings	0.25%		\$0	
	Clerk of the Works	0.75%		\$10,000	
	Bonding/Legal	0.30%		\$0	
6.	Design Contingency	5%			\$100,000

Total Project Cost

\$1,385,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 11/30/2020

Mt Ceasar Elementary Student Capacity	325	Core Capacity	Bono 290	l Cost Worksheet
		. ,		
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.	120	square feet / student =	34,800	based on core capacity
Original Schools 1st Additions	1900, 1950 1950's			Older than 35 years Older than 35 years
Mt Ceasar Additions Mt Ceasar Additions	1987 2000		4,733	Older than 35 years
Pre-School			2,345	
		Total to Deduct	7,078	
Allowable Size			27,722	
Construction Cost Allowance				
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$5,045,404 \$370,000	
Allowable Cost			\$5,415,404	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890	
State Aid	55% 80% 20%		= \$761,750 \$609,400 \$152,350	\$ 1,385,000
		Total Proj	ect Cost	\$1,385,000
		Total S	State Aid	\$761,750
		Total Bond	Amount	\$775,600

Mt C	aesar Elementary Student Capacity	У	325		- Upgrade	es in O	ne Year				Life-Cy	cle Cost A	Analysis
	- .			Year	2			_					40
	Task Division 0	Rat	es	1	2	3	4	5	6	5 7	8	9	10
	Division 1			_	-	-	-	-		-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3							-				_	-
	Division 4			_				_		_		_	
	Division 5							_				_	
ι _ν	Division 6												_
	Division 7			_	_	_	_	_	_	_	_	_	_
BUILDING NEEDS	Division 8			_	_	_	_	_	_	_	_	_	_
N N	Division 9			_	-	_	-	-	_	_	_	-	-
⊒	Division 10			_	-	_	-	-	_	_	_	-	-
BU	Division 11			_	-	_	-	-	_	_	_	-	-
	Division 12			_	-	-	-	_	-	_	-	-	_
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			_	-	-	-	_	-	_	-	-	_
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
	Water	\$	0.20	8,692	8,944	9,203	9,470	9,745	10,027	10,318	10,617	10,925	11,242
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.75	32,594	33,539	34,511	35,512	36,542	37,602	38,692	39,814	40,969	42,157
	On-Site	-		-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
	Propane	\$	0.39	16,949	17,440	17,946	18,466	19,002	19,553	20,120	20,703	21,304	21,922
	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			58,234	59,923	61,660	63,449	65,289	67,182	69,130	71,135	73,198	75,321
	Cleaning	\$	2.00	86,916	89,437	92,030	94,699	97,446	100,272		106,172	109,251	112,419
S S	Repairs	\$	0.20	8,692	8,944	9,203	9,470	9,745	10,027		10,617	10,925	11,242
¥ Š	Productivity Loss		0.90%		15,092	15,530	15,981	16,444	16,921		17,916	18,436	18,971
HUMAN	Bussing	\$	1,600	452,760	465,890	479,401	493,303	507,609	522,330	537,478	553,064	569,103	585,607
_ ~				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			563,035	579,363	596,164	613,453	631,243	649,549		687,770	707,715	728,239
E	Principal		5.00%		38,780	38,780	38,780	38,780	38,780		38,780	38,780	38,780
PROPERTY & FINANCE	Interest		1.67%	•	11,657	11,010	10,362	9,714	9,067	8,419	7,772	7,124	6,476
뫁				-	-	-	-	-	-	-	-	-	-
∞	- .		2 400/										
E	Tax Income		2.40%		-	-	-	-	-	-	-	-	-
DPE	Building Aid Reimburseme	ent		152,350									
PRC	SUBTOTAL			(101 265)	- 	49,790	40 142	49 404	47 0 47	47,199	46 552	45,904	45.256
	SORIOIAL			(101,265)	50,437	49,790	49,142	48,494	47,847	47,199	46,552	45,904	45,256
			TOTAL	520,004	689,723	707,615	726,044	745,026	764,578	784,716	805,456	826,817	848,816
			TOTAL	320,004	005,723	707,013	720,044	743,020	704,376	764,710	803,430	020,017	040,010
											G	RAND TOTAL	\$ 7,418,793
					A 775		5 11 2	40.000		T. 10		ć 4 20F 222	
					\$ 775,600		Building Size:	42,233		Total Project Cost	:	\$ 1,385,000	
				Bond Term:	20		Inflation:	2.9% *		State Aid Rate:			Nominal
				Bond Rate:	1.67% **		Value Exist:			State Building Aid	:	\$ 761,750	

^{*} Inflation based on current RS Means Historic Cost Index

Table I

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

Troy Elementary School

Project Cost Worksheet

Student Car	pacity	200

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$4,838,000
	New Constuction	6,364 s.f.	\$ 182 per s.f.	\$1,158,000	. , ,
	Renovation	·		\$3,564,000	
	Construction Contingency	5.00%		\$58,000	
	Construction Manager Fee	5.00%		\$58,000	
	3			, ,	
3.	Design Food				\$320,000
٥.	Design Fees Civil Engineering	6.00%		¢40,000	\$320,000
	A&E New Construction	5.00%		\$10,000 \$60,000	
	A&E Renovation	7.00%		\$250,000	
	AGE Renovation	7.00%		φ230,000	
4.	Furniture, Equipment and Serv	ices			\$460,000
	Loose Equipment	5.00%		\$240,000	
	Phone Service	1.00%		\$50,000	
	Computers	2.00%		\$100,000	
	Utility Charges	1.50%		\$70,000	
5.	Administrative Costs				\$80,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$40,000	
	Bonding/Legal	0.30%		\$20,000	
6.	Design Contingency	5%			\$300,000
	<u> </u>				4 ,

Total Project Cost

\$6,198,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

11/30/2020

Troy Elementary School

Bond Cost Worksheet

Student Capacity 200 Core Capacity 248

Square Foot Allowance

State Allowable Formula 144 square feet / student : 35,712 based on core capacity

Previous < 50 y.o.

All Troy additions over 50 years old

Total to Deduct -

Allowable Size 35,712

Construction Cost Allowance

State Allowable Formula \$ 182 per square foot = \$6,499,584

Site and Soft Cost \$1,360,000

Allowable Cost 7,859,584

Reimbursement

Renovation Thresholds Replacement Value \$ 4,029,208

25% Renovation Min. \$ 1,007,302 60% Renovation Max. \$ 2,417,525

State Aid Allowed Project Cost = \$ 6,198,000

55% State Aid Rate \$3,408,900 80% At Start \$2,727,120 20% At Completion \$681,780

Total Project Cost \$6,198,000

Total State Aid \$3,408,900

Total Bond Amount \$3,470,880

Table H

Troy	Elementary Student Capacity		200	Option 3	- Upgrad	es in One	e Year				Life-Cy	cle Cost A	Analysis
	Task	Pa	tes	1	2	3	4	5	6	7	8	9	10
	Division 0	Rα	tes	1	2	3	4	5	6	,	٥	9	10
	Division 1						-	_	_		_		_
	Division 2				_		_	_	_				
	Division 3				_			_	_		_		
	Division 4						-	_	_		_		_
	Division 5			_	_	_	_	_	_	_	_	_	_
S	Division 6						-	_	_		_		_
BUILDING NEEDS	Division 7			_	_	_	_	_	_	_	_	_	_
Ä	Division 8			_	_	_	_	_	_	_	_	_	_
S	Division 9			_	_	_	_	_	_	_	_	_	_
⊒	Division 10			-	_	-	-	-	-	-	-	_	_
B	Division 11			_	_	_	_	_	_	_	_	_	_
	Division 12			-	_	-	-	-	-	-	-	_	_
	Division 13			-	_	-	-	-	-	-	-	_	_
	Division 14			-	_	-	-	-	-	-	-	_	_
	Division 15			-	_	-	-	-	-	-	-	_	_
	Division 16			_	_	-	-	_	-	-	-	-	_
	SUBTOT	ΓAL		-	-	-	-	-	-	-	-	-	-
	Water	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
UTILITIES	Electricity	\$	-	· -	· -	· -	· -	· -	-	-	-	-	-
	Grid	\$	0.75	26,210	26,970	27,753	28,557	29,386	30,238	31,115	32,017	32,945	33,901
	On-Site	-		· -	· -	· -	· -	· -	-	-	-	-	-
	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
₽	Propane	\$	0.39	13,629	14,025	14,431	14,850	15,280	15,724	16,180	16,649	17,132	17,628
Þ	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTO	ΓAL		46,829	48,187	49,584	51,022	52,502	54,025	55,591	57,204	58,862	60,569
	Cleaning	\$	2.00	69,894	71,921	74,007	76,153	78,361	80,634	82,972	85,378	87,854	90,402
ES	Repairs	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
JR A	Productivity Loss		0.90%	11,795	12,137	12,489	12,851	13,223	13,607	14,002	14,408	14,825	15,255
HUMAN	Bussing	\$	1,400	288,120	296,475	305,073	313,920	323,024	332,392	342,031	351,950	362,157	372,659
T 8				-	-	-	-	-	-	-	-	-	-
	SUBTO	ΓAL		376,798	387,725	398,969	410,539	422,445	434,696	447,302	460,274	473,622	487,357
Ж	Principal		5.00%	173,544	173,544	173,544	173,544	173,544	173,544	173,544	173,544	173,544	173,544
Ž	Interest		1.67%	55,066	52,167	49,269	46,371	43,473	40,575	37,676	34,778	31,880	28,982
Z.				-	-	-	-	-	-	-	-	-	-
∞3													
Ϋ́	Tax Income		2.40%	-	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE	Building Aid Reimburse	ment		701,552	-	-	-	-	-	-	-	-	-
280				-	-	-	-	-	-	-	-	-	-
	SUBTO	AL		(472,942)	225,711	222,813	219,915	217,017	214,119	211,220	208,322	205,424	202,526
			TOTAL	(40.245)	664.626	674.067	604 477	504.055	702.025	74444	725.000	727.000	750 450
			TOTAL	(49,315)	661,624	671,367	681,477	691,964	702,839	714,114	725,800	737,908	750,452
											GRA	AND TOTAL	\$ 6,288,229

Building Size:

Inflation:

Value Exist:

33,962

2.90% *

20

1.67% **

Bond Amt: \$ 3,470,880

Bond Term:

Bond Rate:

55% Nominal

\$ 6,198,000

\$3,408,900

Total Project Cost:

State Building Aid:

State Aid Rate:

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 4

NEW SOUTH ELEMENTARY ADDITIONS / RENOVATIONS TO NORTH SCHOOLS

Cutler Elementary

Project Cost Worksheet

Student Capacity 300

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces	#000 000	
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$2,940,000
	New Constuction	3,675 s.f.	\$ 182 per s	.f. \$669,000	
	Renovation			\$2,205,000	
	Construction Contingency	5.00%		\$33,000	
	Construction Manager Fee	5.00%		\$33,000	
3.	Design Fees				\$190,000
	Civil Engineering	6.00%		\$10,000	
	A&E New Construction	5.00%		\$30,000	
	A&E Renovation	7.00%		\$150,000	
4.	Furniture, Equipment and Servi	ces			\$280,000
	Loose Equipment	5.00%		\$150,000	
	Phone Service	1.00%		\$30,000	
	Computers	2.00%		\$60,000	
	Utility Charges	1.50%		\$40,000	
5.	Administrative Costs				\$50,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$20,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$200,000

Total Project Cost

\$3,860,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 11/30/2020

Cutler Elementary Student Capacity	300	Core Capacity	Bono 350	l Cost Worksheet
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o. Original School 3-Story Addition Classroom Wing Gym Addition Pre-School	120 s 1900 1950's 1970's 1990	square feet / student :	42,000 11,382	based on core capacity Older than 35 years Older than 35 years Older than 35 years
Allowable Size		Total to Deduct	11,382 30,618	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost Allowable Cost	182	per square foot =	\$5,572,476 \$920,000 6,492,476	
Reimbursement				
Renovation Thresholds	:	Replacement Value 25% Renovation Min. 60% Renovation Max		
State Aid	55% 80%	Allowed Project Cost State Aid Rate At Start	= \$2,123,000 \$1,698,400	\$ 3,860,000

20% At Completion

Total Project Cost \$3,860,000

\$424,600

Total State Aid \$2,123,000

Total Bond Amount \$2,161,600

Table H

Cutle	er Elementary		275	-	1 - New Sou	ıth Ele	mentary, A	Add/Renc	North :	Schools	Life-Cy	cle Cost	Analysis
	Student Capacity		2/5	Year									
	Task	Ra	tes	1	2	3	4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1												
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
DS	Division 6			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 7			-	-	-	-	-	-	-	-	-	-
25	Division 8			-	-	-	-	-	-	-	-	-	-
≥ S	Division 9			-	-	-	-	-	-	-	-	-	-
╡	Division 10			-	-	-	-	-	-	-	-	-	-
<u> </u>	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTO			-	-	-							
	Water	\$	0.20	7,911	8,140	8,376	8,619	8,869	9,126	9,391	9,663	9,944	10,232
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Grid	\$	0.75	29,666	30,526	31,411	32,322	33,259	34,224	35,216	36,238	37,289	38,370
	On-Site	-		-	-	-	-	-	-	-	-	-	-
	Heating Fuel	\$	-		-	-	-	-	-	-	-	-	-
	Oil	\$	0.87	34,412	<u>-</u>				-	·			
Ē	Propane	\$	0.80	-	32,561	33,505	34,477	35,477	36,505	37,564	38,654	39,774	40,928
_	Wood	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	0.40	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	0.02	791	814	838	862	887	913	939	966	994	1,023
	SUBTO		2.00	72,779	72,041	74,130	76,280	78,492	80,768	83,111	85,521	88,001	90,553
S	Cleaning	\$	2.00	79,108	81,402	83,763	86,192	88,692	91,264	93,910	96,634	99,436	102,320
Z 0	Repairs	\$	0.20	7,911	8,140	8,376	8,619	8,869	9,126	9,391	9,663	9,944	10,232
HUMAN	Productivity Loss	<u>_</u>	0.90%		13,737	14,135	14,545	14,967	15,401	15,847	16,307	16,780	17,266
글 &	Bussing/Student	\$	1,600	452,760	465,890	479,401	493,303	507,609	522,330	537,478	553,064	569,103	585,607
~	SUBTO	TA1											
		JIAL	5.00%	553,128	569,169 108,080	585,675 108,080	602,660 108,080	620,137	638,121 108,080	656,626 108,080	675,668 108,080	695,263 108,080	715,425 108,080
Ş	Principal Interest		1.67%		32,489	30,684	28,879	108,080 27,074	25,269	23,464	21,659	19,854	18,049
Ą	interest		1.07%	54,294	32,469	30,064	20,079	27,074	25,209	23,464	21,039	19,634	18,049
듄				-	-	-	-	-	-	-	-	-	-
> ∞	Tax Income							-		-			
F.	Building Aid Reimburs	omont		424,600	_	_	_	_	_	_	_	_	_
PROPERTY & FINANCE	bulluling Alu Keliliburs	ement		424,000	_	_	_	_		_	_		_
Æ.	SUBTO	ΤΔΙ		(282,226)	140,569	138,764	136,959	135,154	133,349	131,544	129,739	127,934	126,129
	30010			(202,220)	140,303	130,734	130,333	133,134	100,040	101,044	123,733	127,334	120,123
			TOTAL	343,682	781,779	798,569	815,899	833,783	852,238	871,281	890,929	911,198	932,108
											G	RAND TOTAL	\$ 8,031,465
				Bond Amt:	\$ 2,161,600		Building Size:	38,439		Total Project Co	st:	\$ 3,860,000	
				Bond Term:	20		Inflation:	2.90% *		State Aid Rate:		55%	Nominal

^{*} Inflation based on current RS Means Historic Cost Index

1.67% **

Bond Rate:

Value Exist:

\$2,123,000

State Building Aid:

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

Gilsum Elementary

Project Cost Worksheet

Student Capacity 100

1.	Site Development Costs				\$0
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities				
2.	General Construction - New				\$3,657,000
۷.	New Construction	8,383 s.f.	\$ 182 per s.f.	\$1,526,000	φο,σοι,σοσ
	Renovation	0,000 0.1.	φ 102 - ροί σ.ι.	\$1,979,000	
	Construction Contingency	5.00%		\$76,000	
	Construction Manager Fee	5.00%		\$76,000	
	Construction Manager 1 CC	0.0070		ψ. 0,000	
3.	Design Fees				\$180,000
	Civil Engineering	6.00%		\$0	
	A&E New Construction	5.00%		\$180,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture, Equipment and Service	ces			\$340,000
	Loose Equipment	5.00%		\$180,000	
	Phone Service	1.00%		\$40,000	
	Computers	2.00%		\$70,000	
	Utility Charges	1.50%		\$50,000	
5.	Administrative Costs				\$60,000
5.	Testing	0.25%		\$10,000	φου,υυυ
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.25%		\$30,000	
	Bonding/Legal	0.75%		\$30,000 \$10,000	
	Donaing/Legal	0.30 /0		ψ10,000	
6.	Design Contingency	5%			\$200,000

Total Project Cost

\$4,437,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Gilsum Elementary				Bono	l Cost Worksheet
Student Capacity		100	Core Capacity	160	
Square Foot Allowance					
State Allowable Formula Previous < 35 y.o.		144	square feet / student =	23,040	based on core capacity
Original 1970's 1980's 1990's				7,890	Older than 35 years Older than 35 years Older than 35 years
Pre-School					
Allowable Size			Total to Deduct	7,890 15,150	
Construction Cost Allowance					
State Allowable Formula Site and Soft Cost	\$	182	per square foot =	\$2,757,300 \$780,000	
Allowable Cost				\$2,772,450	
Reimbursement					
Renovation Thresholds			Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 3,288,376 \$ 822,094 \$ 1,973,026	
State Aid	;	55% 80% 20%	At Start	= \$1,524,848 \$1,219,878 \$304,970	\$ 2,772,450
			Total Proj	ect Cost	\$4,437,000
			Total S	State Aid	\$1,524,848
			Total Bond	Amount	\$3,217,122

Gilsu	IM STEAM Acade Student Capacity	emy	y	Option 4	1 - New Soเ	uth Ele	mentary, A	Add/Rend	o North	Schools	Life-Cy	ycle Cost /	Analysis
	Task	Rat	tes	1	2	3	4	5	6	5 7	8	9	10
	Division 0				-		-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
DS	Division 6			-	-	-	-	-	-	-	-	-	-
当	Division 7			-	-	-	-	-	-	-	-	-	-
19	Division 8			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 9			-	-	-	-	-	-	-	-	-	-
5	Division 10			-	-	-	-	-	-	-	-	-	-
ш.	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13 Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	_	-	-	-	-	-	-
	Division 16				-					-			
	SUBTOTAL	1		-	-		-	-	-	-	-	-	-
	Water	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
	Electricity	\$	-	- ,	-	-	-	-	-	-	-	-	-
	Grid	\$	0.85	23,135	23,806	24,496	25,207	25,938	26,690	27,464	28,260	29,080	29,923
	On-Site	-		, -	· -	· -	-	-	· -	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	0.94	25,585	26,327	27,090	-	-	-	-	-	-	-
	Propane	\$	0.40	-	-	-	11,862	12,206	12,560	12,924	13,299	13,685	14,082
)	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			54,163	55,734	57,350	43,000	44,247	45,530	46,850	48,209	49,607	51,046
	Cleaning	\$	2.00	54,435	56,014	57,639	59,310	61,030	62,800	64,621	66,495	68,423	70,408
z ö	Repairs	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
HUMAN	Productivity Loss	,	0.90%	9,186	9,452	9,726	10,009	10,299	10,597	10,905	11,221	11,546	11,881
HUMAN	Bussing	\$	1,600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
~	SUBTOTAI			233,705	240,482	247,456	254,633	262,017	269,616		285,480	293,759	302,278
	Principal		5.00%	160,856	160,856	160,856	160,856	160,856	160,856	160,856	160,856	160,856	160,856
PROPERTY & FINANCE	Interest		1.67%	51,040	48,353	45,667	42,981	40,294	37,608	34,922	32,236	29,549	26,863
¥.				-	-	-	-	-	-	-	-		-
~~													
~	Tax Income			-	-	-	-	-	-	-	-	-	-
ER.	Building Aid Reimbursem	ent		304,970	-	-	-	-	-	-	-	-	-
ő	-			-	-	-	-	-	-	-	-	-	-
₹.	SUBTOTAL	L		(93,074)	209,209	206,523	203,837	201,151	198,464	195,778	193,092	190,405	187,719
			TOTAL	194,795	505,426	511,330	501,469	507,414	513,610	520,063	526,781	533,771	541,043
											C	GRAND TOTAL	\$ 4,855,701
				Bond Amt:	\$ 3,217,122		Building Size:	26,451		Total Project Cost	:	\$ 4,437,000	
				Bond Term:	20		Inflation:	2.90% *	*	State Aid Rate:			Nominal
				Bond Rate:	1.67% **		Value Exist:			State Building Aid	1:	\$1,524,848	***
				* Inflation bac	ed on current PS	Means Hist	oric Cost Indov	*	*** Limited h	w Previous Addition	10		

^{*} Inflation based on current RS Means Historic Cost Index

^{***} Limited by Previous Additions

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt Ceasar Elementary

Project Cost Worksheet

Student Capacity 250

1.	Site Development Costs				\$100,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$100,000	
2.	General Construction - New				\$1,015,000
	New Constuction	3,745 s.f.	\$ 182 per s.f.	\$682,000	
	Renovation			\$265,000	
	Construction Contingency	5.00%		\$34,000	
	Construction Manager Fee	5.00%		\$34,000	
3.	Design Fees				\$60,000
0.	Civil Engineering	6.00%		\$10,000	ψου,σοσ
	A&E New Construction	5.00%		\$30,000	
	A&E Renovation	7.00%		\$20,000	
	AGE RONOVALON	1.0070		Ψ20,000	
4.	Furniture, Equipment and Service				\$100,000
	Loose Equipment	5.00%		\$50,000	
	Phone Service	1.00%		\$10,000	
	Computers	2.00%		\$20,000	
	Utility Charges	1.50%		\$20,000	
5.	Administrative Costs				\$10,000
	Testing	0.25%		\$0	
	Survey, Borings	0.25%		\$0	
	Clerk of the Works	0.75%		\$10,000	
	Bonding/Legal	0.30%		\$0	
6.	Design Contingency	5%			\$100,000

Total Project Cost

\$1,385,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 11/30/2020

Mt Ceasar Elementary			Bond	Bond Cost Worksheet			
Student Capacity	250	Core Capacity	290				
Square Foot Allowance							
State Allowable Formula Previous < 35 y.o. Original Schools 1st Additions Mt Ceasar Additions Mt Ceasar Additions Pre-School	120 1900, 1950 1950's 1987 2000	square feet / student =	34,800 4,733 2,345	Older than 35 years Older than 35 years Older than 35 years Older than 35 years			
		Total to Deduct	7,078				
Allowable Size			27,722				
Construction Cost Allowance							
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$5,045,404 \$370,000				
Allowable Cost			\$5,415,404				
Reimbursement							
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890				
State Aid	55% 80% 20%	At Start	= \$761,750 \$609,400 \$152,350	\$ 1,385,000			
	Total Project Cost \$1						
		Total S	State Aid	\$761,750			
		Total Bond	Amount	\$775,600			

3					11011 300	itii Liei	Heritary, F	laa/keno	North	Schools	ште-су	cle Cost /	Analysis
	Student Capacity		325 Year										
7	Task	Rates	real	1	2	3	4	5	6	7	8	9	10
	Division 0	itates		-	-	-		-	-	- '	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
(Division 4			-	-	-	-	-	-	-	-	-	-
1	Division 5			-	-	-	-	-	-	-	-	-	-
S	Division 6			-	-	-	-	-	-	-	-	-	-
	Division 7			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8			-	-	-	-	-	-	-	-	-	-
Ž	Division 9			-	-	-	-	-	-	-	-	-	-
1	Division 10			-	-	-	-	-	-	-	-	-	-
<u>8</u> (Division 11			-	-	-	-	-	-	-	-	-	-
(Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
[Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
	Water		.20	8,692	8,944	9,203	9,470	9,745	10,027	10,318	10,617	10,925	11,242
E	Electricity	7	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$ 0	.75	32,594	33,539	34,511	35,512	36,542	37,602	38,692	39,814	40,969	42,157
	On-Site	-		-	-	-	-	-	-	-	-	-	-
ES	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	Ψ.	-	-	-	-	-	-	-	-	-	-	-
5	Propane			16,949	17,440	17,946	18,466	19,002	19,553	20,120	20,703	21,304	21,922
_	Wood	Ÿ	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-		-	61 660	62.440	- -	67 102	- 60 130	71 125	72 100	
,	SUBTOTAL Cleaning	\$ 2		58,234 36,916	59,923 89,437	61,660 92,030	63,449 94,699	65,289 97,446	67,182 100,272	69,130 103,179	71,135 106,172	73,198 109,251	75,321 112,419
S	Repairs		.20	8,692	8,944	9,203	94,699	97,446	100,272	103,179	106,172	109,231	11,242
\leq \circ	Productivity Loss			8,692 14,667	15,092	15,530	15,981	16,444	16,921	17,412	17,916	18,436	18,971
ž ž	Bussing			52,760	465,890	479,401	493,303	507,609	522,330	537,478	553,064	569,103	585,607
H SS '	bussing	٦ <u>١</u> ,١	300 4.	-	403,890	4/3,401	493,303	307,009	322,330	-	-	309,103	363,007
œ.	SUBTOTAL		56	53,035	579,363	596,164	613,453	631,243	649,549	668,386	687,770	707,715	728,239
	Principal	5.0		38,780	38,780	38,780	38,780	38,780	38,780	38,780	38,780	38,780	38,780
NCE	Interest			12,305	11,657	11,010	10,362	9,714	9,067	8,419	7,772	7,124	6,476
A				,	,	,		-	-,	-		-,	-
Ξ.													
PROPERTY & FINANCE	Tax Income	2.4	40%	-	-	-	-	-	_	-	-	-	-
E E	Building Aid Reimbursemer			52,350									
OP				-	-	-	_	-	-	_	-	-	-
4	SUBTOTAL		(10	01,265)	50,437	49,790	49,142	48,494	47,847	47,199	46,552	45,904	45,256
		TO	TAL 5	20,004	689,723	707,615	726,044	745,026	764,578	784,716	805,456	826,817	848,816
											_	DAND TOTA!	¢ 7 410 702
											G	RAND TOTAL	₹ 7,418,793
			Bond A	Amt: \$	775,600		Building Size:	42,233		Total Project Cost		\$ 1,385,000	
			Bond ²		20		Inflation:	2.90% *		State Aid Rate:			Nominal
				Rate:	1.67% **		Value Exist:			State Building Aid		\$ 761,750	

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

New Elementary School

Project Cost Worksheet

Student Capacity 400

1.	Site Development Costs				\$700,000
	Land Acquisition			??	
	Playfields	1	Field	\$300,000	
	Paving	100	Spaces	\$200,000	
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$12,299,000
	New Constuction	61,433 s.f.	\$ 182 per s.	f. \$11,181,000	
	Renovation		•	\$0	
	Construction Contingency	5.00%		\$559,000	
	Construction Manager Fee	5.00%		\$559,000	
	•				
3.	Design Fees				\$600,000
0.	Civil Engineering	6.00%		\$40,000	φοσο,σσο
	A&E New Construction	5.00%		\$560,000	
	A&E Renovation	7.00%		\$0	
	, total (total)			4.0	
4.	Furniture, Equipment and Ser	vices			\$1,160,000
	Loose Equipment	5.00%		\$610,000	
	Phone Service	1.00%		\$120,000	
	Computers	2.00%		\$250,000	
	Utility Charges	1.50%		\$180,000	
5.	Administrative Costs				\$200,000
	Testing	0.25%		\$30,000	, , , , , , , , , , , , , , , , , , , ,
	Survey, Borings	0.25%		\$30,000	
	Clerk of the Works	0.75%		\$100,000	
	Bonding/Legal	0.30%		\$40,000	
	5 5			, -,	
6.	Design Contingency	5%			\$700,000
					,,

Total Project Cost

\$15,659,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

9/22/2020

New Elementary School			Bono	l Cost Worksheet
Student Capacity	400	Core Capacity	510	
Square Foot Allowance				
State Allowable Formula Previous < 50 y.o.	120	square feet / student =	61,200	based on core capacity
Emerson Gym/CR Add.	1990		19,706	
Pre-School			2,000	
		Total to Deduct	21,706	
Allowable Size			39,494	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost	182	per square foot =	\$7,187,908 \$3,360,000	
Allowable Cost			10,547,908	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.		
State Aid	55% 80% 20%	Allowed Project Cost State Aid Rate At Start At Completion	= \$5,801,349 \$4,641,080 \$1,160,270	\$ 10,547,908
		Total Proje	ect Cost	\$15,659,000
		Total S	tate Aid	\$5,801,349

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$11,017,920

New	South Elementar Student Capacity	Ύ	400		- New So	uth Ele	mentary,	Add/Ren	o North	Schools	Life-Cy	cle Cost	Analysis
	Table	D-4-		Year	2	-		-		7	0	0	10
	Task Division 0	Rate	!S	1	2	3	4	5	6	/	8	9	10
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			_	_	_	_	_	_	_	_	_	_
	Division 3			_	_		_	_	_				_
	Division 4			_	_		_	_	_				_
	Division 5			_	_			_				_	_
S	Division 6			_	_	_	_	_	_	_	_	_	_
9	Division 7			_	_	_	_	_	_	_	_	_	_
BUILDING NEEDS	Division 8			_	_	_	_	_	_	_	_	_	_
N N	Division 9			-	_	_	-	_	_	-	_	_	-
⊒	Division 10			-	_	_	-	_	_	-	_	_	-
BU	Division 11			-	_	_	-	_	_	-	_	_	-
	Division 12			_	_	_	_	_	_	_	_	_	-
	Division 13			_	_	_	_	_	_	_	_	_	-
	Division 14			_	_	_	_	_	_	_	_	_	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-								
	Water	\$	0.20	12,643	13,010	13,387	13,775	14,175	14,586	15,009	15,444	15,892	16,353
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.60	37,929	39,029	40,161	41,325	42,524	43,757	45,026	46,332	47,675	49,058
	On-Site	-		-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
	Propane	\$	0.30	18,964	19,514	20,080	20,663	21,262	21,879	22,513	23,166	23,838	24,529
Þ	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	0.02	1,264	1,301	1,339	1,378	1,417	1,459	1,501	1,544	1,589	1,635
	SUBTOTAL			70,801	72,854	74,967	77,141	79,378	81,680	84,049	86,486	88,994	91,575
	Cleaning	\$	1.00	63,215	65,048	66,935	68,876	70,873	72,928	75,043	77,220	79,459	81,763
ES	Repairs	\$	0.10	6,321	6,505	6,693	6,888	7,087	7,293	7,504	7,722	7,946	8,176
A A	Productivity Loss		0.70%	16,594	17,075	17,570	18,080	18,604	19,144	19,699	20,270	20,858	21,463
HUMAN	Bussing	\$	1,800	740,880	762,366	784,474	807,224	830,633	854,722	879,509	905,014	931,260	958,266
T 8				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			827,010	850,994	875,673	901,067	927,198	954,087	981,755	1,010,226	1,039,523	1,069,669
н	Principal		5.00%	550,896	550,896	550,896	550,896	550,896	550,896	550,896	550,896	550,896	550,896
ž	Interest		1.67%	174,799	165,599	156,399	147,199	137,999	128,799	119,600	110,400	101,200	92,000
È				-	-	-	-	-	-	-	-	-	-
∞				-	-	-	-	-	-	-	-	-	-
₹	Tax Income		2.40%	86,436	88,943	91,522	94,176	96,907	99,718	102,609	105,585	108,647	111,798
PEF	Building Aid Reimburseme	nt		1,160,270									
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			(521,011)	627,553	615,773	603,919	591,988	579,978	567,886	555,711	543,449	531,098
			TOTAL	376,801	1,551,400	1,566,413	1,582,127	1,598,564	1,615,745	1,633,690	1,652,423	1,671,965	1,692,342
											G	RAND TOTAL	\$ 14,941,469
				Bond Amt:	\$ 11,017,920		Building Size:	61,433		Total Project C		\$ 15,659,000	
				Bond Term:	20		Inflation:	2.90%	*	State Aid Rate			Nominal
				Bond Rate:	1.67% *	-	Value Exist:	\$ 3,500,000		State Building	AId:	\$5,801,349	

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 5

NEW SOUTH ELEMENTARY ADDITIONS / RENOVATIONS TO MT CAESAR FOR SWANZEY ADDITIONS / RENOVATIONS TO GILSUM

Gilsum Elementary

Project Cost Worksheet

Student Capacity 100

1.	Site Development Costs				\$0
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities				
2.	General Construction - New				\$3,657,000
	New Constuction	8,383 s.f.	\$ 182 per s.f.	\$1,526,000	, , , , , , , , , , , , , , , , , , , ,
	Renovation	-,	¥ p	\$1,979,000	
	Construction Contingency	5.00%		\$76,000	
	Construction Manager Fee	5.00%		\$76,000	
	Constitution manager i co	0.0070		Ψ. 0,000	
3.	Design Fees				\$180,000
	Civil Engineering	6.00%		\$0	
	A&E New Construction	5.00%		\$180,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture, Equipment and Serv	ires			\$340,000
т.	Loose Equipment	5.00%		\$180,000	Ψ3+0,000
	Phone Service	1.00%		\$40,000	
	Computers	2.00%		\$70,000	
	Utility Charges	1.50%		\$50,000	
	Offility Charges	1.5076		φ30,000	
5.	Administrative Costs	_			\$60,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$30,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$200,000

Total Project Cost

\$4,437,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Gilsum Elementary				Bono	l Cost Worksheet
Student Capacity		100	Core Capacity	160	
Square Foot Allowance					
State Allowable Formula Previous < 35 y.o.		144	square feet / student =	23,040	based on core capacity
Original 1970's 1980's 1990's				7,890	Older than 35 years Older than 35 years Older than 35 years
Pre-School					
Allowable Size			Total to Deduct	7,890 15,150	
Construction Cost Allowance					
State Allowable Formula Site and Soft Cost	\$	182	per square foot =	\$2,757,300 \$780,000	
Allowable Cost				\$2,772,450	
Reimbursement					
Renovation Thresholds			Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 3,288,376 \$ 822,094 \$ 1,973,026	
State Aid	;	55% 80% 20%	At Start	= \$1,524,848 \$1,219,878 \$304,970	\$ 2,772,450
			Total Proj	ect Cost	\$4,437,000
			Total S	State Aid	\$1,524,848
			Total Bond	Amount	\$3,217,122

Gilsu	m STEAM Ac Student Capacity	cadem	y		5 - New Soเ	ith, M	t Caesar No	orth and (Gilsum		Life-Cy	cle Cost A	Analysis
	Task	Rat	tes	Year 1	2	3	4	5	6	7	8	9	10
	Division 0	ING	tes		-	-		-	-	-	-	-	-
	Division 1			_	_	_	-	-	_	_	_	-	_
	Division 2			_	_	_	_	_	_	_	_	_	_
	Division 3			_	_	_	_	_	_	_	_	_	_
	Division 4			_	_	_	_	_	_	_	_	_	_
	Division 5			_	_	_	_	_	_	_	_	_	_
S	Division 6			_	_	_	_	_	_	_	_	_	_
99	Division 7			_	_	_	-	-	_	_	_	-	_
BUILDING NEEDS	Division 8			_	_	_	-	-	_	_	_	-	_
N N	Division 9			_	_	_	-	-	_	_	_	-	_
⊒	Division 10			_	_	_	-	-	_	_	_	-	_
BU	Division 11			_	_	_	_	_	_	_	_	_	_
	Division 12			_	_	_	-	-	_	_	_	-	_
	Division 13			_	-	_	_	-	_	_	_	-	-
	Division 14			_	-	_	_	-	_	_	_	-	-
	Division 15			_	-	_	_	-	_	_	_	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
		BTOTAL		-	-	-	-	-	-	-	-	-	-
	Water	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.85	23,135	23,806	24,496	25,207	25,938	26,690	27,464	28,260	29,080	29,923
	On-Site	-		-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	0.94	25,585	26,327	27,090	-	-	-	-	-	-	-
≓	Propane	\$	0.40	-	-	-	11,862	12,206	12,560	12,924	13,299	13,685	14,082
-	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
		BTOTAL		54,163	55,734	57,350	43,000	44,247	45,530	46,850	48,209	49,607	51,046
	Cleaning	\$	2.00	54,435	56,014	57,639	59,310	61,030	62,800	64,621	66,495	68,423	70,408
Z	Repairs	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
₹ ×	Productivity Loss		0.90%	,	9,452	9,726	10,009	10,299	10,597	10,905	11,221	11,546	11,881
HUMAN	Bussing	\$	1,600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
~	CUID	TOTAL		222 705	-	247.456	-	-	200.046	-	205 400	-	202.270
		BTOTAL	F 000/	233,705	240,482	247,456	254,633	262,017	269,616	277,434	285,480	293,759	302,278
PROPERTY & FINANCE	Principal Interest		5.00% 1.67%		160,856 48,353	160,856 45,667	160,856 42,981	160,856 40,294	160,856 37,608	160,856 34,922	160,856 32,236	160,856 29,549	160,856 26,863
Ą	interest		1.07%	51,040	40,333	43,007	42,961	40,294	37,008	34,922	32,230	29,549	20,003
€				-	-	-	-	-	-	-	-	-	-
∞ >	Tax Income			_	_	_	_	_	_		_	_	_
F	Building Aid Reimbi	urcoment		304,970									
P	building Ald Reimbi	ursement		304,570	_	-		-		_			
Æ	SUB	BTOTAL		(93,074)	209,209	206,523	203,837	201,151	198,464	195,778	193,092	190,405	187,719
				(,,-,	,		,					,	
			TOTAL	194,795	505,426	511,330	501,469	507,414	513,610	520,063	526,781	533,771	541,043
											G	RAND TOTAL	\$ 4,855,701
				Bond Amt:	\$ 3,217,122		Building Size:	26,451		Total Project Cos	t:	\$ 4,437,000	
				Bond Term:	20		Inflation:	2.90% *		State Aid Rate:			Nominal
				Bond Rate:	1.67% **		Value Exist:			State Building Aid	d:	\$1,524,848 *	**

^{*} Inflation based on current RS Means Historic Cost Index

*** Limited by Previous Additions

Table I

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt Ceasar Elementary

Project Cost Worksheet

Student Capacity 550

Site Development Costs				\$400,000
Land Acquisition				
•				
•	100	Spaces		
Site Prep & Utilities			\$300,000	
General Construction - New				\$7,344,000
New Constuction	35,357 s.f.	\$ 182 per s.f.	\$6,435,000	
Renovation			\$265,000	
Construction Contingency	5.00%		\$322,000	
Construction Manager Fee	5.00%		\$322,000	
Design Fees				\$360,000
•	6.00%		\$20,000	4000,000
			• •	
A&E Renovation	7.00%			
			. ,	
				\$700,000
			· ·	
•				
Utility Charges	1.50%		\$110,000	
Administrative Costs				\$120,000
Testing	0.25%		\$20,000	
Survey, Borings	0.25%		\$20,000	
Clerk of the Works	0.75%		\$60,000	
	0.000/		ቀ20 000	
Bonding/Legal	0.30%		φ20,000	
Bonding/Legal	0.30%		φ20,000	
	Land Acquisition Playfields Paving Site Prep & Utilities General Construction - New New Construction Renovation Construction Contingency Construction Manager Fee Design Fees Civil Engineering A&E New Construction A&E Renovation Furniture, Equipment and Ser Loose Equipment Phone Service Computers Utility Charges Administrative Costs Testing Survey, Borings Clerk of the Works	Land Acquisition Playfields 1 Paving 100 Site Prep & Utilities General Construction - New New Construction 35,357 s.f. Renovation Construction Contingency 5.00% Construction Manager Fee 5.00% Design Fees Civil Engineering 6.00% A&E New Construction 5.00% A&E Renovation 7.00% Furniture, Equipment and Services Loose Equipment 5.00% Phone Service 1.00% Computers 2.00% Utility Charges 1.50% Administrative Costs Testing 0.25% Survey, Borings 0.25% Clerk of the Works 0.75%	Land Acquisition Playfields 1 Field Paving 100 Spaces Site Prep & Utilities General Construction - New New Construction 35,357 s.f. \$ 182 per s.f. Renovation Construction Contingency 5.00% Construction Manager Fee 5.00% Design Fees Civil Engineering 6.00% A&E New Construction 5.00% A&E Renovation 7.00% Furniture, Equipment and Services Loose Equipment 5.00% Phone Service 1.00% Computers 2.00% Utility Charges 1.50% Administrative Costs Testing 0.25% Survey, Borings 0.25% Clerk of the Works 0.75%	Land Acquisition Playfields

Total Project Cost

\$9,324,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Mt Ceasar Elementary Student Capacity	550	Core Capacity	Bond 650	l Cost Worksheet
Stadent capacity	330	core capacity	030	
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.	120	square feet / student =	78,000	based on core capacity
Original Schools 1st Additions Early Cutler Additions	1900, 1950 1950's			Older than 35 years Older than 35 years Older than 35 years
Mt Ceasar Additions Mt Ceasar Additions Cutler Gym	1987 2000 1990's		4,733 11,382	Older than 35 years
Pre-School	1990 5	Total to Deduct	16,115	
Allowable Size			61,885	
Construction Cost Allowance				
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$11,263,070 \$1,980,000	
Allowable Cost			\$13,243,070	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890	
State Aid	55% 80% 20%		= \$5,128,200 \$4,102,560 \$1,025,640	\$ 9,324,000
		Total Proj	ect Cost	\$9,324,000
	Total State Aid			
		Total Bond	Amount	\$5,221,440

Mt Caesar Elementary Student Capacity 55				Option 5 - New South, Mt Caesar North and Gilsum							Life-Cycle Cost Analysis		
				Year									
	Task	Rates		1	2	3	4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
DS	Division 6			-	-	-	-	-	-	-	-	-	-
買	Division 7			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8			-	-	-	-	-	-	-	-	-	-
	Division 9			-	-	-	-	-	-	-	-	-	-
╡	Division 10			-	-	-	-	-	-	-	-	-	-
₩	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
	Water		0.20	15,197	15,638	16,092	16,558	17,038	17,533	18,041	18,564	19,103	19,657
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.75	56,990	58,643	60,343	62,093	63,894	65,747	67,654	69,616	71,635	73,712
	On-Site	-		-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
≓	Propane	\$	0.39	29,635	30,494	31,379	32,289	33,225	34,188	35,180	36,200	37,250	38,330
D	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			101,822	104,775	107,814	110,940	114,158	117,468	120,875	124,380	127,987	131,699
	Cleaning	\$	1.50	113,980	117,286	120,687	124,187	127,788	131,494	135,308	139,231	143,269	147,424
Z S	Repairs	\$	0.15	11,398	11,729	12,069	12,419	12,779	13,149	13,531	13,923	14,327	14,742
\$ 5K	Productivity Loss	C	0.80%	22,796	23,457	24,137	24,837	25,558	26,299	27,062	27,846	28,654	29,485
HUMAN	Bussing/Student	\$ 1	,600	905,520	931,780	958,802	986,607	1,015,219	1,044,660	1,074,955	1,106,129	1,138,206	1,171,214
± 55				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			1,053,694	1,084,251	1,115,695	1,148,050	1,181,343	1,215,602	1,250,855	1,287,130	1,324,456	1,362,866
щ	Principal	5	5.00%	261,072	261,072	261,072	261,072	261,072	261,072	261,072	261,072	261,072	261,072
Š	Interest	1	1.67%	82,838	78,478	74,118	69,758	65,399	61,039	56,679	52,319	47,959	43,599
Ž				-	-	-	-	-	-	-	-	-	-
8													
≥	Tax Income	2	2.40%	24,696	25,412	26,149	26,907	27,688	28,491	29,317	30,167	31,042	31,942
, ER	Building Aid Reimburseme	nt		1,025,640									
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
₹.	SUBTOTAL			(706,426)	314,138	309,041	303,923	298,783	293,620	288,434	283,224	277,989	272,729
		Т	OTAL	449,091	1,503,165	1,532,550	1,562,913	1,594,284	1,626,690	1,660,163	1,694,733	1,730,432	1,767,293
										(GRAND TOTAL	\$ 15,121,315	
				Bond Amt:	\$ 5,221,440		Building Size:	73,845		Total Project C	ost:	\$ 9,324,000	
				Bond Term:	20		Inflation:	2.90%	*	State Aid Rate	:		Nominal
				Bond Rate:	1.67% *	*	Value Exist:	\$ 1,000,000		State Building	Aid:	\$ 5,128,200	

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

New Elementary School

Project Cost Worksheet

Student Capacity 400

1.	Site Development Costs				\$700,000
	Land Acquisition			??	
	Playfields	1	Field	\$300,000	
	Paving	100	Spaces	\$200,000	
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$12,299,000
	New Constuction	61,433 s.f.	\$ 182 per s.	f. \$11,181,000	
	Renovation		•	\$0	
	Construction Contingency	5.00%		\$559,000	
	Construction Manager Fee	5.00%		\$559,000	
	•				
3.	Design Fees				\$600,000
0.	Civil Engineering	6.00%		\$40,000	φοσο,σσο
	A&E New Construction	5.00%		\$560,000	
	A&E Renovation	7.00%		\$0	
	, to E i tono ration	7.0070		Ψΰ	
4.	Furniture, Equipment and Ser	vices			\$1,160,000
	Loose Equipment	5.00%		\$610,000	
	Phone Service	1.00%		\$120,000	
	Computers	2.00%		\$250,000	
	Utility Charges	1.50%		\$180,000	
5.	Administrative Costs				\$200,000
	Testing	0.25%		\$30,000	, , , , , , , , , , , , , , , , , , , ,
	Survey, Borings	0.25%		\$30,000	
	Clerk of the Works	0.75%		\$100,000	
	Bonding/Legal	0.30%		\$40,000	
	·g· = - g -··			¥ 15,555	
6.	Design Contingency	5%			\$700,000
	3 - 3				, , . 30

Total Project Cost

\$15,659,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

9/22/2020

New Elementary School			Bono	l Cost Worksheet
Student Capacity	400	Core Capacity	510	
Square Foot Allowance				
State Allowable Formula Previous < 50 y.o.	120	square feet / student =	61,200	based on core capacity
Emerson Gym/CR Add.	1990		19,706	
Pre-School			2,000	
		Total to Deduct	21,706	
Allowable Size			39,494	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost	182	per square foot =	\$7,187,908 \$3,360,000	
Allowable Cost			10,547,908	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.		
State Aid	55% 80% 20%	Allowed Project Cost State Aid Rate At Start At Completion	= \$5,801,349 \$4,641,080 \$1,160,270	\$ 10,547,908
	ect Cost	\$15,659,000		
		Total S	tate Aid	\$5,801,349

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$11,017,920

New	South Elementary Student Capacity	0	Option 5 - New South, Mt Caesar North and Gilsum						Life-Cy	Life-Cycle Cost Analysis		
	T 1		Year	2			_		_	•		10
		Rates	1	. 2	3	4	5	6	7	8	9	10
	Division 0 Division 1		-	-	-	-	-	-	-	-	-	-
	Division 2											
	Division 3		-	-	-	-	-	-	-	-	-	-
	Division 4		_						_			_
BUILDING NEEDS	Division 5		_	_	_	_	_	_	_	_	_	_
	Division 6		_						_			_
	Division 7		_	_				_	_			_
	Division 8		_	_	_	_	_	_	_	_	_	_
N N	Division 9		_	_	_	-	-	_	-	_	-	-
₽	Division 10		_	_	_	-	-	_	_	_	-	_
BU	Division 11		_	_	_	-	-	_	_	_	-	_
	Division 12		_	_	_	-	-	_	_	_	-	_
	Division 13		-	-	-	-	-	-	-	-	-	-
	Division 14		-	-	-	-	-	-	-	-	-	-
	Division 15		-	-	-	-	-	-	-	-	-	-
	Division 16		-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		-	-	-							
	Water	\$ 0.20	12,643	13,010	13,387	13,775	14,175	14,586	15,009	15,444	15,892	16,353
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
	Grid	\$ 0.60	37,929	39,029	40,161	41,325	42,524	43,757	45,026	46,332	47,675	49,058
	On-Site	-	-	-	-	-	-	-	-	-	-	-
S	Heating Fuel	\$ -	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$ -	-	-	-	-	-	-	-	-	-	-
≓	Propane	\$ 0.30	18,964	19,514	20,080	20,663	21,262	21,879	22,513	23,166	23,838	24,529
)	Wood	\$ -	-	-	-	-	-	-	-	-	-	-
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
		\$ -	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$ 0.02	2 1,264	1,301	1,339	1,378	1,417	1,459	1,501	1,544	1,589	1,635
	SUBTOTAL		70,801	72,854	74,967	77,141	79,378	81,680	84,049	86,486	88,994	91,575
	-	\$ 1.00		65,048	66,935	68,876	70,873	72,928	75,043	77,220	79,459	81,763
Z S		\$ 0.10	,	6,505	6,693	6,888	7,087	7,293	7,504	7,722	7,946	8,176
₹ Š	Productivity Loss	0.70		17,075	17,570	18,080	18,604	19,144	19,699	20,270	20,858	21,463
HUMAN	Bussing	\$ 1,800		762,366	784,474	807,224	830,633	854,722	879,509	905,014	931,260	958,266
_ ~			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		827,010	850,994	875,673	901,067	927,198	954,087	981,755	1,010,226	1,039,523	1,069,669
E	Principal	5.00		550,896	550,896	550,896	550,896	550,896	550,896	550,896	550,896	550,896
ΔĀ	Interest	1.67	% 174,799	165,599	156,399	147,199	137,999	128,799	119,600	110,400	101,200	92,000
듣			-	-	-	-	-	-	-	-	-	-
∞ ~	Tay Income	2.40	- % 86,436	88,943	91,522	04.176	96,907	99,718	102,609	105 505		- 111,798
F.	Tax Income Building Aid Reimbursement			00,943	91,522	94,176	96,907	99,716	102,609	105,585	108,647	111,790
PROPERTY & FINANCE	bulluling Alu Kelifiburseilleili	L	1,160,270			_		_				
P. P.	SUBTOTAL		(521,011)	627,553	615,773	603,919	591,988	579,978	567,886	555,711	543,449	531,098
	JUBIUTAL		(321,011)	027,333	013,773	003,313	331,366	3/3,3/6	307,880	333,711	343,443	331,098
		TOTA	L 376,801	1,551,400	1,566,413	1,582,127	1,598,564	1,615,745	1,633,690	1,652,423	1,671,965	1,692,342
		1017	5,0,301	1,331,400	1,500,415	1,302,127	1,550,504	2,013,743	1,033,030	1,032,423	1,071,505	2,032,342
										C	RAND TOTAL	\$ 14,941,469
			Bond Amt:	\$ 11,017,920		Building Size:	61,433		Total Project C	ost:	\$ 15,659,000	
			Bond Term:	20		Inflation:	2.90%	*	State Aid Rate		55%	Nominal
			Bond Rate:	1.67% *	**	Value Exist:	3500000		State Building		\$5,801,349	

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 6

CONSOLIDATE ALL ELEMENTARY SCHOOLS ONTO A NEW SCHOOL AT MT CAESAR SITE

1.	Site Development Costs				\$1,400,000
	Land Acquisition				
	Playfields	2	Field	\$600,000	
	Paving	200	Spaces	\$400,000	
	Site Prep & Utilities			\$400,000	
2.	General Construction - New				\$24,960,000
	New Constuction	124,668 s.f.	\$ 182 per s.f.	\$22,690,000	
	Renovation				
	Construction Contingency	5.00%		\$1,135,000	
	Construction Manager Fee	5.00%		\$1,135,000	
	·				
3.	Design Fees				\$1,210,000
0.	Civil Engineering	6.00%		\$80,000	Ψ1,210,000
	A&E New Construction	5.00%		\$1,130,000	
	A&E Renovation	7.00%		\$0	
	/ CE TOTOVATION	7.0070		ΨΟ	
4.	Furniture, Equipment and Ser	vices			\$2,370,000
т.	Loose Equipment	5.00%		\$1,250,000	Ψ2,010,000
	Phone Service	1.00%		\$250,000	
	Computers	2.00%		\$500,000	
	Utility Charges	1.50%		\$370,000	
	Othity Onlarges	1.50 70		ψ370,000	
_					
5.	Administrative Costs				\$420,000
	Testing	0.25%		\$70,000	
	Survey, Borings	0.25%		\$70,000	
	Clerk of the Works	0.75%		\$200,000	
	Bonding/Legal	0.30%		\$80,000	
6.	Design Contingency	5%			\$1,500,000

Total Project Cost

\$31,860,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

9/22/2020

New Elementary School	1000	Cara Canacitry		l Cost Worksheet
Student Capacity	1000	Core Capacity	1100	
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.	120 s	square feet / student =	132,000	based on core capacity
Cutler Gym Addition	1990		11,382	
Mt Ceasar Additions Emerson Gym/CR Add. Gilsum Additions	2000 1990		4,733 19,706 14,637	
Pre-School		Total to Deduct	4000 54,458	
Allowable Size			77,542	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost	182 բ	oer square foot =	\$14,112,644 \$6,900,000	
Allowable Cost			21,012,644	
Reimbursement				
Renovation Thresholds	2	Replacement Value 25% Renovation Min. 60% Renovation Max.		
State Aid	55% 80% 20%	Allowed Project Cost State Aid Rate At Start At Completion	= \$11,556,954 \$9,245,563 \$2,311,391	\$ 21,012,644
		Total Proj	ect Cost	\$31,860,000

Total State Aid \$11,556,954

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$22,614,437

New	South Elementar	Op	otion 6	- New Co	onsolida	ted Elem	enatary			Life-C	ycle Cost	Analysis	
	Student Capacity	1	000										
	Task Division 0	Rates	Year	r 1 -	2	3	4	5 -	6	7	8	9 -	10
	Division 1 Division 2			-	-	_	-	-	-	-	_	_	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
S	Division 5 Division 6			-	-	-	-	-	-	-	-	-	-
冒	Division 7			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8			-	-	-	-	-	-	-	-	-	-
₫	Division 9 Division 10			-	-	-	-	-	-	-	-	-	-
B	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13 Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16 SUBTOTAL			-	-	-	-	-	-	-	-	-	-
	Water	\$ 0	.20	24,089	24,788	25,507	26,246	27,008	27,791	28,597	29,426	30,279	31,158
	Electricity	7	-	-	-	-	-	-	-	-	-	-	-
	Grid On-Site	\$ 0	.60	72,268	74,364	76,520	78,739	81,023	83,373	85,790	88,278	90,838	93,473
ω.	Heating Fuel	\$.	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$.		-	-	-	-	-	-	-	-	-	-
Ē	Propane Wood	\$ 0.	.30	36,134	37,182	38,260	39,370	40,511	41,686	42,895	44,139	45,419	46,736
	Electricity	\$.		-	-	-		-	-		-	-	-
	Other	\$.	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel SUBTOTAL	\$ 0	.02	2,409 134,900	2,479 138,812	2,551 142,838	2,625 146,980	2,701 151,243	2,779 155,629	2,860 160,142	2,943 164,786	3,028 169,565	3,116 174,482
	Cleaning	\$ 1	.00	120,447	123,940	127,534	131,232	135,038	138,954	142,984	147,130	151,397	155,788
CES	Repairs		.10	12,045	12,394	12,753	13,123	13,504	13,895	14,298	14,713	15,140	15,579
HUMAN	Productivity Loss Bussing		70% 000 2,	31,617 ,058,000	32,534 2,117,682	33,478 2,179,095	34,448 2,242,289	35,447 2,307,315	36,475 2,374,227	37,533 2,443,080	38,622 2,513,929	39,742 2,586,833	40,894 2,661,851
RES H	Dussing	γ <u>2,</u> 0	,00 2,	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			,222,109	2,286,550	2,352,860	2,421,093	2,491,304	2,563,552	2,637,895	2,714,394	2,793,111	2,874,112
NCE	Principal Interest			,130,722 358,778	1,130,722 339,895	1,130,722 321,012	1,130,722 302,129	1,130,722 283,246	1,130,722 264,363	1,130,722 245,480	1,130,722 226,597	1,130,722 207,714	1,130,722 188,831
INA N				-	-	-	-	-	-	-	-	-	-
8	T I	2	100/	-	- 127.061	-	-	-	- 142.454	-	-	-	-
ERT	Tax Income Building Aid Reimbursemei			123,480 ,311,391	127,061	130,746	134,537	138,439	142,454	146,585	150,836	155,210	159,711
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
Δ.	SUBTOTAL		- ((945,371)	1,343,556	1,320,988	1,298,313	1,275,529	1,252,631	1,229,617	1,206,483	1,183,225	1,159,841
		то	TAL 1	,411,638	3,768,918	3,816,686	3,866,386	3,918,076	3,971,812	4,027,654	4,085,663	4,145,902	4,208,435
												GRAND TOTAL	\$ 37,221,168
			Bon	d Amt: d Term: d Rate:	\$ 22,614,437 20 1.67% *	**	Building Size: Inflation: Value Exist:	117,052 2.90% \$ 5,000,000	*	Total Project C State Aid Rate: State Building		\$ 31,860,000 55% \$11,556,954	Nominal

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 7

NEW SOUTH ELEMENTARY ADDITIONS / RENOVATIONS TO CAESAR SITE AS NEW NORTH ELEMENTARY

Mt Ceasar Elementary

Project Cost Worksheet

Student Capacity 525

1.	Site Development Costs				\$400,000	
	Land Acquisition					
	Playfields	1	Field			
	Paving	100	Spaces	\$100,000		
	Site Prep & Utilities			\$300,000		
2.	General Construction - New				\$6,228,000	
	New Constuction	29,785 s.f.	\$ 182 per s.f.	\$5,421,000		
	Renovation		·	\$265,000		
	Construction Contingency	5.00%		\$271,000		
	Construction Manager Fee	5.00%		\$271,000		
	•					
3.	Design Fees				\$310,000	
J .	Civil Engineering	6.00%		\$20,000	ψ310,000	
	A&E New Construction	5.00%		\$270,000		
	A&E Renovation	7.00%		\$20,000		
	/ total removation	7.0070		Ψ20,000		
4.	Furniture, Equipment and Ser	vices			\$580,000	
	Loose Equipment	5.00%		\$310,000		
	Phone Service	1.00%		\$60,000		
	Computers	2.00%		\$120,000		
	Utility Charges	1.50%		\$90,000		
5.	Administrative Costs				\$110,000	
0.	Testing	0.25%		\$20,000	ψ110,300	
	Survey, Borings	0.25%		\$20,000		
	Clerk of the Works	0.75%		\$50,000		
	Bonding/Legal	0.30%		\$20,000		
	20.1a.iig, 20gai	0.0070		Ψ20,000		
6.	Design Contingency	5%			\$400,000	
0.	Design Contingency	370			\$400,000	

Total Project Cost

\$8,028,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Mt Ceasar Elementary			Bond	Cost Worksheet
Student Capacity	525	Core Capacity	590	
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.		square feet / student =	70,800	based on core capacity
Original Schools 1st Additions Early Cutler Additions	1900, 1950 1950's			Older than 35 years Older than 35 years Older than 35 years
Mt Ceasar Additions Mt Ceasar Additions Cutler Gym Pre-School	1987 2000 1990's		4,733 11,382	Older than 35 years
Allowable Size		Total to Deduct	16,115 54,685	
Construction Cost Allowance				
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$9,952,670 \$1,800,000	
Allowable Cost			\$ 11,752,670	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890	
State Aid	55% 80% 20%	At Start	= \$4,415,400 \$3,532,320 \$883,080	\$ 8,028,000
		Total Proj	ect Cost	\$8,028,000
		Total S	State Aid	\$4,415,400

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$4,495,680

Mt C	aesar Elementary		Option 7	7 - New So	outh / N	1t Caesar	North - R	edistrict		Life-C	ycle Cost	Analysis
	Student Capacity	5	Year									
		Rates	1	2	3	3 4	5	6	7	8	9	10
	Division 0		-	-	-	-	-	-	-	-	-	-
	Division 1		-	-	-	-	-	-	-	-	-	-
	Division 2		-	-	-	-	-	-	-	-	-	-
	Division 3 Division 4		-	-	-	-	-	-	-	-	-	-
	Division 5							_	_	_	_	-
S	Division 6			-					-	_		
E.	Division 7		_	-	_	-	-	_	_	_	-	_
BUILDING NEEDS	Division 8		_	-	_	-	-	_	_	_	_	_
Ĭ.	Division 9		-	-	-	-	-	-	-	-	-	-
₽	Division 10		-	-	-	-	-	-	-	-	-	-
B	Division 11		-	-	-	-	-	-	-	-	-	-
	Division 12		-	-	-	-	-	-	-	-	-	-
	Division 13		-	-	-	-	-	-	-	-	-	-
	Division 14		-	-	-	-	-	-	-	-	-	-
	Division 15		-	-	-	-	-	-	-	-	-	-
	Division 16		-	-	-	-	-	-	-	-	-	-
	SUBTOTAL Water	\$ 0.2	.0 14,051	14,458	14,877	15,309	15,753	16,210	16,680	17,163	17,661	18,173
		\$ -	.0 14,031	14,436	14,077	13,309	13,733	10,210	10,080	17,103	17,001	10,173
		\$ 0.7	5 52,690	54,218	55,790	57,408	59,073	60,786	62,549	64,363	66,229	68,150
	On-Site	-	5 52,050	54,210	-	-	-	-	-	-	-	-
UTILITIES		\$ -	-	-	-	-	-	-	-	-	-	-
	-	\$ -	-	-	-	-	-	-	-	-	-	-
	Propane	\$ 0.3	9 27,399	28,193	29,011	29,852	30,718	31,609	32,525	33,469	34,439	35,438
	Wood	\$ -	-	-	-	-	-	-	-	-	-	-
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
	Other	\$ -	-	-	-	-	-	-	-	-	-	-
		\$ -	-	-	-	-	-	-	-	-	-	
	SUBTOTAL	ć 1.	94,139	96,869	99,679	102,569	105,544	108,605	111,754	114,995	118,330	121,761
S		\$ 1.5 \$ 0.1		108,436 10,844	111,581 11,158	114,816 11,482	118,146 11,815	121,572 12,157	125,098 12,510	128,726 12,873	132,459 13,246	136,300 13,630
A S	Productivity Loss	0.80	,	21,687	22,316		23,629	24,314	25,020	25,745	26,492	27,260
HUMAN	· ·	\$ 1,70		945,016	972,421	1,000,621	1,029,639	1,059,499	1,090,224	1,121,841	1,154,374	1,187,851
HUMAN	bussing, student	¥ 1,70	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		1,055,376	1,085,982	1,117,476	1,149,883	1,183,229	1,217,543	1,252,852	1,289,184	1,326,571	1,365,041
щ	Principal	5.00	0% 224,784	224,784	224,784	224,784	224,784	224,784	224,784	224,784	224,784	224,784
N	Interest	1.67	7% 71,324	67,570	63,816	60,062	56,308	52,554	48,801	45,047	41,293	37,539
È			-	-	-	-	-	-	-	-	-	-
∞3												
Ϋ́	Tax Income	2.40	,	38,118	39,224	40,361	41,532	42,736	43,975	45,251	46,563	47,913
PROPERTY & FINANCE	Building Aid Reimbursemen	t	883,080									
PRC	SUBTOTAL		(624,016)	254,236	249,376	244,485	239,561	234,602	229,609	224,580	219,514	214,410
	JODIOTAL		(024,010)	234,230	243,370	244,403	233,301	234,002	223,003	224,300	213,314	214,410
		TOT	AL 525,500	1,437,087	1,466,531	1,496,937	1,528,334	1,560,750	1,594,215	1,628,759	1,664,414	1,701,212
										C	GRAND TOTAL	\$ 14,603,739
			Bond Amt:	\$ 4,495,680		Building Size:	68,273		Total Project C	ost:	\$ 8,028,000	
			Bond Term:	20		Inflation:	2.90%	*	State Aid Rate			Nominal
			Bond Rate:	1.67%	• •	Value Exist:	\$ 1,500,000		State Building	Aid:	\$ 4,415,400	

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

New Elementary School

Project Cost Worksheet

Student Capacity 525

1.	Site Development Costs				\$700,000
	Land Acquisition			??	
	Playfields	1	Field	\$300,000	
	Paving	100	Spaces	\$200,000	
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$13,780,000
	New Constuction	68,833 s.f.	\$ 182 per s	s.f. \$12,528,000	ψ10,100,000
	Renovation	00,000 0	ψ 102 pol 0	γ ψ,σ.20,σσσ	
	Construction Contingency	5.00%		\$626,000	
	Construction Manager Fee	5.00%		\$626,000	
	3			, , , , , , ,	
3.	Design Fees				\$670,000
	Civil Engineering	6.00%		\$40,000	
	A&E New Construction	5.00%		\$630,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture, Equipment and Serv	/ices			\$1,320,000
	Loose Equipment	5.00%		\$690,000	, ,,
	Phone Service	1.00%		\$140,000	
	Computers	2.00%		\$280,000	
	Utility Charges	1.50%		\$210,000	
	3			, ,,,,,,,	
5.	Administrative Costs				\$230,000
	Testing	0.25%		\$40,000	
	Survey, Borings	0.25%		\$40,000	
	Clerk of the Works	0.75%		\$110,000	
	Bonding/Legal	0.30%		\$40,000	
6.	Design Contingency	5%			\$800,000
	<u> </u>				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Total Project Cost

\$17,500,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Bond Cost Worksheet New Elementary School 525 **Core Capacity** 590 **Student Capacity Square Foot Allowance** State Allowable Formula 70,800 based on core capacity 120 square feet / student : Previous < 50 y.o. Emerson Gym/CR Additic 1990 19,706 Total to Deduct 19,706 Allowable Size 51,094 **Construction Cost Allowance** State Allowable Formula \$ 182 per square foot = \$9,299,108 Site and Soft Cost \$6,900,000 Allowable Cost 16,199,108 Reimbursement Renovation Thresholds Replacement Value 25% Renovation Min. 60% Renovation Max. State Aid Allowed Project Cost 16,199,108

54%

80%

20%

At Start

At Completion

Total Project Cost \$17,500,000

\$8,747,518

\$6,998,015

\$1,749,504

Total State Aid \$8,747,518

Total Bond Amount \$10,501,985

Table H

Barker Architects, PLLC 9/22/2020

New	South Elementar Student Capacity	-	25	7 - New So	outh / N	1t Caesar	North - R	edistrict		Life-C	ycle Cost	Analysis
			Year				_		_			
		Rates	1	. 2	3	3 4	5	6	7	8	9	10
	Division 0		-	-	-	-	-	-	-	-	-	-
	Division 1											
	Division 2		-	-	-	-	-	-	-	-	-	-
	Division 3		-	-	-	-	-	-	-	-	-	-
	Division 4		-	-	-	-	-	-	-	-	-	-
	Division 5 Division 6		-	-	-	-	-	-	-	-	-	-
ED	Division 7		-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8		-	-		-	-	-	-	-	-	-
92	Division 9											
⊴	Division 10		_							_		
<u> </u>	Division 11		_	_				_		_	_	
_	Division 12		_							_		
	Division 13		_	_	_	_	_	_	_	_	_	_
	Division 14		_	_	_	_	_	_	_	_	_	_
	Division 15		_	_	_	_	_	_	_	_	_	_
	Division 16		-	_	_	-	-	_	-	_	_	_
	SUBTOTAL		-	-	-							
	Water	\$ 0.2	0 14,166	14,577	14,999	15,434	15,882	16,343	16,817	17,304	17,806	18,322
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
	Grid	\$ 0.6	0 42,498	43,730	44,998	46,303	47,646	49,028	50,450	51,913	53,418	54,967
	On-Site	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Heating Fuel	\$ -	-	-	-	-	-	-	-	-	-	-
	Oil	\$ -	-	-	-	-	-	-	-	-	-	-
- ∃	Propane	\$ 0.3	0 21,249	21,865	22,499	23,152	23,823	24,514	25,225	25,956	26,709	27,484
<u> </u>	Wood	\$ -	-	-	-	-	-	-	-	-	-	-
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
	Other	\$ -	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$ 0.0	2 1,417	1,458	1,500	1,543	1,588	1,634	1,682	1,730	1,781	1,832
	SUBTOTAL		79,329	81,630	83,997	86,433	88,939	91,519	94,173	96,904	99,714	102,605
	Cleaning	\$ 1.0	0 70,830	72,884	74,997	77,172	79,410	81,713	84,083	86,521	89,030	91,612
- SE	Repairs	\$ 0.1	0 7,083	7,288	7,500	7,717	7,941	8,171	8,408	8,652	8,903	9,161
A S	Productivity Loss	0.70	18,593	19,132	19,687	20,258	20,845	21,450	22,072	22,712	23,370	24,048
HUMAN	Bussing	\$ 1,80	0 972,405	1,000,605	1,029,622	1,059,481	1,090,206	1,121,822	1,154,355	1,187,831	1,222,279	1,257,725
RE			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		1,068,910	1,099,909	1,131,806	1,164,628	1,198,403	1,233,156	1,268,918	1,305,716	1,343,582	1,382,546
щ	Principal	5.00		596,588	596,588	596,588	596,588	596,588	596,588	596,588	596,588	596,588
Ž	Interest	1.67	7% 189,297	179,334	169,371	159,408	149,445	139,482	129,519	119,556	109,593	99,630
È			-	-	-	-	-	-	-	-	-	-
~~			-	-	-	-	-	-	-	-	-	-
⋛	Tax Income	2.40	,	88,943	91,522	94,176	96,907	99,718	102,609	105,585	108,647	111,798
Ä	Building Aid Reimbursemer	nt	1,392,062									
PROPERTY & FINANCE			-	-	-	-	-	-	-	-	-	-
Δ.	SUBTOTAL		(692,613)	686,979	674,437	661,820	649,126	636,352	623,497	610,559	597,534	584,420
		TOT	AL 455,626	1,868,517	1,890,240	1,912,881	1,936,467	1,961,027	1,986,588	2,013,179	2,040,830	2,069,572
										(GRAND TOTAL	\$ 18,134,926
			Bond Amt:	\$ 11,931,752		Building Size:	68,833		Total Project C	Cost:	\$ 17,500,000	
			Bond Term:	20		Inflation:	2.90%	*	State Aid Rate			Nominal
			Bond Rate:	1.67%	**	Value Exist:	\$ 3,500,000		State Building	Aid:	\$6,960,309	

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 8

ADDITIONS / RENOVATIONS TO TROY AS NEW SOUTH ELEMENTARY ADDITIONS / RENOVATIONS TO MT CAESAR AS NEW NORTH ELEMENTARY

Mt Ceasar Elementary

Project Cost Worksheet

Student Capacity 525

1.	Site Development Costs				\$400,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces	\$100,000	
	Site Prep & Utilities			\$300,000	
2.	General Construction - New				\$6,228,000
	New Constuction	29,785 s.f.	\$ 182 per s.f.	\$5,421,000	, , ,
	Renovation		·	\$265,000	
	Construction Contingency	5.00%		\$271,000	
	Construction Manager Fee	5.00%		\$271,000	
3.	Design Fees				\$310,000
J .	Civil Engineering	6.00%		\$20,000	ψ310,000
	A&E New Construction	5.00%		\$270,000	
	A&E Renovation	7.00%		\$20,000	
				+ ,	
4.	Furniture, Equipment and Serv	/ices			\$580,000
	Loose Equipment	5.00%		\$310,000	
	Phone Service	1.00%		\$60,000	
	Computers	2.00%		\$120,000	
	Utility Charges	1.50%		\$90,000	
5.	Administrative Costs				\$110,000
	Testing	0.25%		\$20,000	
	Survey, Borings	0.25%		\$20,000	
	Clerk of the Works	0.75%		\$50,000	
	Bonding/Legal	0.30%		\$20,000	
6.	Design Contingency	5%			\$400,000

Total Project Cost

\$8,028,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Mt Ceasar Elementary			Bond	Cost Worksheet
Student Capacity	525	Core Capacity	590	
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.		square feet / student =	70,800	based on core capacity
Original Schools 1st Additions Early Cutler Additions	1900, 1950 1950's			Older than 35 years Older than 35 years Older than 35 years
Mt Ceasar Additions Mt Ceasar Additions Cutler Gym Pre-School	1987 2000 1990's		4,733 11,382	Older than 35 years
Allowable Size		Total to Deduct	16,115 54,685	
Construction Cost Allowance				
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$9,952,670 \$1,800,000	
Allowable Cost			\$ 11,752,670	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890	
State Aid	55% 80% 20%	At Start	= \$4,415,400 \$3,532,320 \$883,080	\$ 8,028,000
		Total Proj	ect Cost	\$8,028,000
		Total S	State Aid	\$4,415,400

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$4,495,680

Mt C	aesar Elementa	ary		Option 8 - Troy South and Mt Caesar North								Life-Cycle Cost Analysis		
	Student Capacity	Ra	525 ites/sf	Year										
	Task		,	1	2	3	4	5	6	7	8	9	10	
	Division 0			-	-	-	-	-	-	-	-	-	-	
	Division 1			-	-	-	-	-	-	-	-	-	-	
	Division 2			-	-	-	-	-	-	-	-	-	-	
	Division 3			-	-	-	-	-	-	-	-	-	-	
	Division 4			-	-	-	-	-	-	-	-	-	-	
	Division 5			-	-	-	-	-	-	-	-	-	-	
DS	Division 6			-	-	-	-	-	-	-	-	-	-	
当	Division 7			-	-	-	-	-	-	-	-	-	-	
BUILDING NEEDS	Division 8			-	-	-	-	-	-	-	-	-	-	
a a	Division 9			-	-	-	-	-	-	-	-	-	-	
5	Division 10			-	-	-	-	-	-	-	-	-	-	
	Division 11			-	-	-	-	-	-	-	-	-	-	
	Division 12			-	-	-	-	-	-	-	-	-	-	
	Division 13			-	-	-	-	-	-	-	-	-	-	
	Division 14			-	-	-	-	-	-	-	-	-	-	
	Division 15 Division 16			-	-	-	-	-	-	-	-	-	-	
	SUBTOT	'ΛΙ										_	-	
	Water	\$	0.20	14,051	14,458	14,877	15,309	15,753	16,210	16,680	17,163	17,661	18,173	
	Electricity	\$	-	-	-	,077	-	-	10,210	-	-	-	-	
	Grid	\$	0.75	52,690	54,218	55,790	57,408	59,073	60,786	62,549	64,363	66,229	68,150	
UTILITIES	On-Site	-	0.75	-	-	-	-	-	-	-	-	-	-	
	Heating Fuel	\$	-	_	-	-	_	-	_	_	_	-	_	
	Oil	\$	-	_	-	-	_	-	_	_	_	-	_	
	Propane	\$	0.39	27,399	28,193	29,011	29,852	30,718	31,609	32,525	33,469	34,439	35,438	
, –	Wood	\$	-	· -	-	· -	· -	-	-	· -	-	-	-	
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-	
	Other	\$	-	-	-	-	-	-	-	-	-	-	-	
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-	
	SUBTOT			94,139	96,869	99,679	102,569	105,544	108,605	111,754	114,995	118,330	121,761	
	Cleaning	\$		105,380	108,436	111,581	114,816	118,146	121,572	125,098	128,726	132,459	136,300	
LES N	Repairs	\$		10,538	10,844	11,158	11,482	11,815	12,157	12,510	12,873	13,246	13,630	
Z Z	Productivity Loss		0.80%	,	21,687	22,316	22,963	23,629	24,314	25,020	25,745	26,492	27,260	
HUMAN	Bussing/Student	\$	1,700	918,383	945,016	972,421	1,000,621	1,029,639	1,059,499	1,090,224	1,121,841	1,154,374	1,187,851	
_ 8				-		-		-	-	-	-	-	-	
	SUBTOT	AL		1,055,376	1,085,982	1,117,476	1,149,883	1,183,229	1,217,543	1,252,852	1,289,184	1,326,571	1,365,041	
핑	Principal		5.00%	,	224,784	224,784	224,784	224,784	224,784	224,784	224,784	224,784	224,784	
AN	Interest		1.67%		67,570	63,816	60,062	56,308	52,554	48,801	45,047	41,293	37,539	
€				-	-	-	-	-	-	-	-	-	-	
∞	T I		2.400	27.044	20.440	20.224	40.264	44 522	42.726	42.075	45.254	46.563	47.043	
E.	Tax Income	mont	2.40%	,	38,118	39,224	40,361	41,532	42,736	43,975	45,251	46,563	47,913	
PROPERTY & FINANCE	Building Aid Reimburser	ment		883,080	_		_	_	_	_		_		
8	SUBTOT	ΔΙ		(624,016)	254,236	249,376	244,485	239,561	234,602	229,609	224,580	219,514	214,410	
	300101	AL.		(024,010)	234,230	243,370	244,463	233,301	234,002	223,003	224,300	213,314	214,410	
			TOTAI	525,500	1,437,087	1,466,531	1,496,937	1,528,334	1,560,750	1,594,215	1,628,759	1,664,414	1,701,212	
				,	_,,	_,,	_,,	_,,,	_,==,==,===	_,	_,,,,,	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_,:,	
											(GRAND TOTAL	\$ 14,603,739	
				Bond Amt:	\$ 4,495,680		Building Size:	68,273	_	Total Project C		\$ 8,028,000		
				Bond Term:	20		Inflation:	2.90%	*	State Aid Rate			Nominal	
				Bond Rate:	1.67%		Value Exist:	\$ 1,500,000		State Building	AIC:	\$ 4,415,400		

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

Troy Elementary School

Project Cost Worksheet

Student Capacity 525

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$11,707,000
	New Constuction	40,675 s.f.	\$ 182 per s.f.	\$7,403,000	
	Renovation			\$3,564,000	
	Construction Contingency	5.00%		\$370,000	
	Construction Manager Fee	5.00%		\$370,000	
3.	Design Fees				\$630,000
	Civil Engineering	6.00%		\$10,000	
	A&E New Construction	5.00%		\$370,000	
	A&E Renovation	7.00%		\$250,000	
	- · · · · · · · · · · · · · · · · · · ·				\$4.400.000
4.	Furniture, Equipment and Ser			4500.000	\$1,120,000
	Loose Equipment	5.00%		\$590,000	
	Phone Service	1.00%		\$120,000	
	Computers	2.00%		\$230,000	
	Utility Charges	1.50%		\$180,000	
5.	Administrative Costs				\$190,000
	Testing	0.25%		\$30,000	
	Survey, Borings	0.25%		\$30,000	
	Clerk of the Works	0.75%		\$90,000	
	Bonding/Legal	0.30%		\$40,000	
6.	Design Contingency	5%			\$700,000

Total Project Cost

\$14,547,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Troy Elementary School Student Capacity	5	25	Core Capacity	Bond 590	l Cost Worksheet
		23	core capacity		
Square Foot Allowance					
State Allowable Formula Previous < 50 y.o.	1	20	square feet / student =	70,800	based on core capacity
					All Troy additions over 50 years old
Emerson Gym/CR Add.	19	90		19,706	
			Total to Deduct	19,706	
Allowable Size				51,094	
Construction Cost Allowance					
State Allowable Formula Site and Soft Cost	\$ 18	82	per square foot =	\$9,299,108 \$2,840,000	
Allowable Cost				12,139,108	
Reimbursement					
Renovation Thresholds			Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 4,029,208 \$ 1,007,302 \$ 2,417,525	
State Aid	80	5% 0%	Allowed Project Cost State Aid Rate At Start At Completion	= \$6,676,509 \$5,341,208 \$1,335,302	\$ 12,139,108
			Total Proj	ect Cost	\$14,547,000
			Total S	State Aid	\$6,676,509
			Total Bond	Amount	\$9,205,792

Barker Architects, PLLC 11/30/2020

Troy	Elementary Student Capacity		525	•	B - Troy So	outh and	d Mt Caes	ar North			Life-Cy	cle Cost	Analysis
				Year				_		_			
	Task	Rat	es	1	2	3	4	5	6	7	8	9	10
	Division 0 Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 2 Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	•	-	-	-	-	-	-	-
ι _ν	Division 6											_	
Ë	Division 7			_	_								_
BUILDING NEEDS	Division 8				_				_		_	_	_
S _E	Division 9			_	_	_	_	_	_	_	_	_	_
	Division 10			-	-	-	-	-	_	_	_	_	_
BU	Division 11			-	-		-	-	_	_	_	_	_
	Division 12			-	-	-	-	-	_	_	_	_	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
	Water	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.75	52,690	54,218	55,790	57,408	59,073	60,786	62,549	64,363	66,229	68,150
	On-Site	-		-	-	-	-	-	-	-	-	-	-
ES	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
Ę	Propane	\$	0.40	28,101	28,916	29,755	30,618	31,506	32,419	33,359	34,327	35,322	36,347
\supset	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			80,791	83,134	85,545	88,026	90,579	93,205	95,908	98,690	101,552	104,497
10	Cleaning	\$	1.50	105,380	108,436	111,581	114,816	118,146	121,572	125,098	128,726	132,459	136,300
Z S	Repairs	\$	0.15	10,538	10,844	11,158	11,482	11,815	12,157	12,510	12,873	13,246	13,630
HUMAN	Productivity Loss	_	0.80%	,	21,687	22,316	22,963	23,629	24,314	25,020	25,745	26,492	27,260
HUMAN	Bussing	\$	1,800	972,405	1,000,605	1,029,622	1,059,481	1,090,206	1,121,822	1,154,355	1,187,831	1,222,279	1,257,725
~	CURTOTAL			- 1 100 300	- 4 4 4 4 574	4 474 677	4 200 742	4 242 706	4 270 000	4.246.002	4 255 475	4 204 475	-
	SUBTOTAL	•	F 000/	1,109,399	1,141,571	1,174,677	1,208,743	1,243,796	1,279,866	1,316,982	1,355,175	1,394,475	1,434,915
E E	Principal		5.00%		460,290	460,290	460,290	460,290	460,290	460,290	460,290	460,290	460,290
Ą	Interest		1.67%	146,050	138,363	130,676	122,989	115,303	107,616	99,929	92,242	84,555	76,868
듄				-	-	-	-	-	-	-	-	-	-
∞ >	Tax Income		2.40%	37,044	38,118	39,224	40,361	41,532	42,736	43,975	45,251	46,563	47,913
FR	Building Aid Reimburseme	nt	2.40/0	1,374,026	30,110	35,224	40,301	41,332	42,730	43,973	43,231	40,303	47,513
PROPERTY & FINANCE	bulluling Alu Kelilibursellie	2116		1,374,020	_								_
Æ	SUBTOTAL			(804,730)	560,534	551,742	542,918	534,061	525,169	516,243	507,281	498,282	489,245
	505101112			(00 1), 50)	300,33 .	331,712	3 .2,320	33 1,001	323,103	310,213	307,201	130,202	103,2 13
			TOTAL	385,460	1,785,240	1,811,964	1,839,686	1,868,435	1,898,241	1,929,134	1,961,146	1,994,308	2,028,656
				,	,,	,- ,	,,	, ,	, ,	,, -	, ,	, ,	, ,
											G	RAND TOTAL	\$ 17,502,271
				Bond Amt:	\$ 9,205,792		Building Size:	68,273		Total Project C	ost:	\$ 14,547,000	
				Bond Term:	20		Inflation:	2.90%	*	State Aid Rate		55%	Nominal
				Bond Rate:	1.67%	**	Value Exist:	\$ 1,500,000		State Building	Aid:	\$6,676,509	

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 9

ADDITIONS / RENOVATIONS TO MT CAESAR TROY AS NEW CENTRAL ELEMENTARY ADDITIONS / RENOVATIONS TO EMERSON AND GILSUM

Emerson Elementary School

Project Cost Worksheet

Student Capacity 200

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$1,844,000
	New Constuction	1,116 s.f.	\$ 182 per s	s.f. \$203,000	
	Renovation			\$ 1,621,000	
	Construction Contingency	5.00%		\$10,000	
	Construction Manager Fee	5.00%		\$10,000	
	· ·				
3.	Design Fees				\$100,000
	Civil Engineering	6.00%		\$10,000	. ,
	A&E New Construction	5.00%		\$90,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture Equipment and Cond				\$180,000
4.	Furniture, Equipment and Servi	5.00%		000 000	\$100,000
	Loose Equipment Phone Service	5.00% 1.00%		\$90,000 \$20,000	
		2.00%		\$40,000	
	Computers	2.00% 1.50%			
	Utility Charges	1.50%		\$30,000	
5.	Administrative Costs				\$50,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$20,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$100,000
0.	Design Contingency	J /0			φ100,000

Total Project Cost

\$2,474,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

10/29/2020

Emerson Elementary School			Bond	l Cost Worksheet
Student Capacity	200	Core Capacity	248	
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.	144	square feet / student :	35,712	based on core capacity
Gym/CR Addition	1990		19,706	
Pre-School			-	
		Total to Deduct	19,706	
Allowable Size			16,006	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost	182	per square foot =	\$2,913,092 \$630,000	
Allowable Cost			3,543,092	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.		
State Aid	55% 80% 20%	At Start	= \$1,360,700 \$1,088,560 \$272,140	\$ 2,474,000
		Total Proj	ect Cost	\$2,474,000
		Total S	State Aid	\$1,360,700

Barker Architects, PLLC 11/30/2020

Total Bond Amount \$1,385,440

Emei	rson Elementary Student Capacity		200	Option 9	- Combin	ie Swanz	ey and Tr	тоу			Life-Cyc	cle Cost A	Analysis
	- .			Year	2	2		_		-	•	•	40
	Task Division 0	Rat	es	1	2	3	4	5	6	7	8	9	10
	Division 0 Division 1			-	-	-	-	-	-	-	-	-	-
				-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 6			-	-	-	-	-	-	-	-	-	-
Ë	Division 7			-	-	-	-	-	-	-	-	-	-
<u> </u>	Division 8			-	-	-	-	-	-	-	-	-	-
盲	Division 9			-	-	-	-	-	-	-	-	-	-
Ħ	Division 10			-	-	-	-	-	-	-	-	-	-
Φ.	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTA			-	-	-	-	-	•	-	-	-	-
	Water	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.60	26,210	26,970	27,753	28,557	29,386	30,238	31,115	32,017	32,945	33,901
	On-Site	-		-	-	-	-	-	-	-	-	-	-
UTILITIES	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
- ₽	Propane	\$	0.80	27,958	28,768	29,603	30,461	31,345	32,254	33,189	34,151	35,142	36,161
\supset	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTA			61,157	62,931	64,756	66,634	68,566	70,555	72,601	74,706	76,873	79,102
	Cleaning	\$	2.00	69,894	71,921	74,007	76,153	78,361	80,634	82,972	85,378	87,854	90,402
_ S	Repairs	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
HUMAN	Productivity Loss		0.90%	11,795	12,137	12,489	12,851	13,223	13,607	14,002	14,408	14,825	15,255
≥ 5	Bussing	\$	1,600	329,280	338,829	348,655	358,766	369,170	379,876	390,893	402,229	413,893	425,896
HUMAN	0		,	-	-	-	-	-	-	-	-	-	-
	SUBTOTA	L		417,958	430,079	442,551	455,385	468,591	482,180	496,164	510,552	525,358	540,594
	Principal		5.00%	69,272	69,272	69,272	69,272	69,272	69,272	69,272	69,272	69,272	69,272
9	Interest		1.67%	21,980	20,823	19,666	18,509	17,353	16,196	15,039	13,882	12,725	11,568
₹	mice est		2.0770	-	-	-	-		-	-	-	-	-
臣						_				_		_	_
∞ ≻	Tax Income		2.40%			_				_		_	_
PROPERTY & FINANCE	Building Aid Reimbursem	ont	2.40/0	280,032	_	_	_	_	_	-	_	_	_
3 d C	bulluling Alu Kelilibul selil	ent		280,032	-	-	-	-	-	-	-	-	-
P.	SUBTOTA			(188,780)	90,095	88,938	87,781	86,625	85,468	84,311	83,154	81,997	80,840
	3001018			(100,700)	30,033	00,330	07,701	00,023	03,400	04,311	03,134	01,337	00,040
			TOTAL	290,335	583,105	596,245	609,800	623,782	638,203	653,075	668,413	684,228	700,536
											GF	RAND TOTAL	\$ 6,047,724
				Bond Amount	\$ 1 385 440		uilding Size:	33,962	т	otal Project Co	ict· (\$ 2,474,000	
				DONG AMOUNT.	200,440		division of	33,302	1	otal Froject Co	· · · · · ·	, 2,414,000	

^{*} Inflation based on current RS Means Historic Cost Index

20

2.15% **

Bond Term:

Bond Rate:

Inflation Rate:

Value of Exist:

2.90% *

0

State Aid Rate:

State Building Aid:

55% Nominal

\$1,360,700

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

Gilsum Elementary

Project Cost Worksheet

Student Capacity 100

1.	Site Development Costs				\$0
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities				
2.	General Construction - New				\$3,657,000
۷.	New Constuction	8,383 s.f.	\$ 182 per s.f.	\$1,526,000	φο,σον,σοσ
	Renovation	0,000 0.1.	φ 102 - ροι σ.ι.	\$1,979,000	
	Construction Contingency	5.00%		\$76,000	
	Construction Manager Fee	5.00%		\$76,000	
	Conditional Manager 1 Co	0.0070		Ψ10,000	
3.	Design Fees				\$180,000
	Civil Engineering	6.00%		\$0	
	A&E New Construction	5.00%		\$180,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture, Equipment and Servi	ices			\$340,000
•	Loose Equipment	5.00%		\$180,000	ψο 10,000
	Phone Service	1.00%		\$40,000	
	Computers	2.00%		\$70,000	
	Utility Charges	1.50%		\$50,000	
	Starty Sharges	1.0070		Ψου,σου	
5.	Administrative Costs				\$60,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$30,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$200,000

Total Project Cost

\$4,437,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Gilsum Elementary				Bono	l Cost Worksheet
Student Capacity		100	Core Capacity	160	
Square Foot Allowance					
State Allowable Formula Previous < 35 y.o.		144	square feet / student =	23,040	based on core capacity
Original 1970's 1980's 1990's				7,890	Older than 35 years Older than 35 years Older than 35 years
Pre-School					
Allowable Size			Total to Deduct	7,890 15,150	
Construction Cost Allowance					
State Allowable Formula Site and Soft Cost	\$	182	per square foot =	\$2,757,300 \$780,000	
Allowable Cost				\$2,772,450	
Reimbursement					
Renovation Thresholds			Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 3,288,376 \$ 822,094 \$ 1,973,026	
State Aid	;	55% 80% 20%	At Start	= \$1,524,848 \$1,219,878 \$304,970	\$ 2,772,450
			Total Proj	ect Cost	\$4,437,000
			Total S	State Aid	\$1,524,848
			Total Bond	Amount	\$3,217,122

Barker Architects, PLLC 11/30/2020

Gilsu	m STEAM Acader Student Capacity	ny	100	Option 9	- Combine	e Swan	zey and Tr	тоу			Life-Cy	cle Cost	Analysis
		Rates		1	2	3	4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4 Division 5			-	-	-	-	-	-	-	-	-	-
ν.	Division 6			-	-	-	-	-		-	_	-	-
Ë	Division 7			_	-	_	_	_			-	_	_
BUILDING NEEDS	Division 8			_	_	_	_	_	_	_	_	_	_
S S	Division 9			-	-	_	_	-	_	-	_	_	_
₽	Division 10			-	-	-	-	-	-	-	-	-	-
B	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
			0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
		Y	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$ 0	0.85	23,135	23,806	24,496	25,207	25,938	26,690	27,464	28,260	29,080	29,923
	On-Site	-		-	-	-	-	-	-	-	-	-	-
ES		\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Oil		0.94	25,585	26,327	27,090	- 11.002	12 206	12.500	- 12 024	12 200	12.005	14.002
5	Propane Wood	\$ C \$	0.40	-	-	-	11,862	12,206	12,560	12,924	13,299	13,685	14,082
	Electricity	۶ \$	•	-	•	-	-	-	-	-	-	-	-
	Other	۶ \$		-	-		-	-		-			
	Cooking Fuel	\$		-	_	-	_	_	_	-	_	_	_
	SUBTOTAL	•		54,163	55,734	57,350	43,000	44,247	45,530	46,850	48,209	49,607	51,046
		\$ 2	2.00	54,435	56,014	57,639	59,310	61,030	62,800	64,621	66,495	68,423	70,408
_ S3			0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
HUMAN	Productivity Loss	0.	.90%	9,186	9,452	9,726	10,009	10,299	10,597	10,905	11,221	11,546	11,881
SOL S	Bussing	\$ 1,	600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
T 55				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			233,705	240,482	247,456	254,633	262,017	269,616	277,434	285,480	293,759	302,278
빙	Principal			160,856	160,856	160,856	160,856	160,856	160,856	160,856	160,856	160,856	160,856
PROPERTY & FINANCE	Interest			51,040	48,353	45,667	42,981	40,294	37,608	34,922	32,236	29,549	26,863
E				-	-	-	-	-	-	-	-	-	-
ø	- .												
T.	Tax Income			-	-	-	-	-	-	-	-	-	-
DPE	Building Aid Reimbursemen	τ		304,970	-	-	-	-	-	-	-	-	-
PRO	SUBTOTAL			(93,074)	209,209	206,523	203,837	201,151	198,464	195,778	193,092	190,405	187,719
	SOBIOTAL			(33,074)	209,209	200,323	203,637	201,131	130,404	193,776	155,052	190,403	107,713
		TC	OTAL	194,795	505,426	511,330	501,469	507,414	513,610	520,063	526,781	533,771	541,043
											c	GRAND TOTAL	\$4,855,701
			_	and Aret	¢ 2 217 422		Duilding Ci	26 454		Total Decises Co.		¢ 4 427 000	
				ond Amt:	\$ 3,217,122 20		Building Size: Inflation:	26,451 2.90% *		Total Project Cost State Aid Rate:		\$ 4,437,000	Nominal
				ond Term: ond Rate:	1.67% **		Value Exist:	2.90%		State Building Aid		\$1,524,848	Nominal ***
			ь	onu nate.	1.07/0		value LAISE.			State building Alu		71,324,040	
			*	Inflation bas	ed on current RS I	Means Hist	oric Cost Index	**	* Limited b	y Previous Addition	s		

^{*} Inflation based on current RS Means Historic Cost Index

^{***} Limited by Previous Additions

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt Ceasar Elementary

Project Cost Worksheet

Student Ca	apacity	750

1.	Site Development Costs				\$400,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces	\$100,000	
	Site Prep & Utilities			\$300,000	
2.	General Construction - New				\$12,206,000
	New Constuction	59,643 s.f.	\$ 182 per s.f.	\$10,855,000	
	Renovation		•	\$265,000	
	Construction Contingency	5.00%		\$543,000	
	Construction Manager Fee	5.00%		\$543,000	
	·				
3.	Design Fees				\$580,000
	Civil Engineering	6.00%		\$20,000	, ,
	A&E New Construction	5.00%		\$540,000	
	A&E Renovation	7.00%		\$20,000	
4.	Furniture, Equipment and Ser	vices			\$1,150,000
7.	Loose Equipment	5.00%		\$610,000	ψ1,150,000
	Phone Service	1.00%		\$120,000	
	Computers	2.00%		\$240,000	
	Utility Charges	1.50%		\$180,000	
	Office Office Grand	1.50 /0		Ψ100,000	
5.	Administrative Costs				\$190,000
	Testing	0.25%		\$30,000	
	Survey, Borings	0.25%		\$30,000	
	Clerk of the Works	0.75%		\$90,000	
	Bonding/Legal	0.30%		\$40,000	
6.	Design Contingency	5%			\$700,000

Total Project Cost

\$15,226,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 11/30/2020

Mt Ceasar Elementary			Bono	l Cost Worksheet
Student Capacity	750	Core Capacity	880	
Square Foot Allowance				
State Allowable Formula Previous < 35 y.o.	120	square feet / student =	105,600	based on core capacity
Original Schools 1st Additions Early Cutler Additions	1900, 1950 1950's			Older than 35 years Older than 35 years Older than 35 years
Mt Ceasar Additions	1987		4 700	Older than 35 years
Mt Ceasar Additions Cutler Gym Pre-School	2000 1990's		4,733 11,382 655	
Allowable Size		Total to Deduct	16,770 88,830	
Construction Cost Allowance				
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$16,167,060 \$3,020,000	
Allowable Cost			\$16,255,890	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890	
State Aid	55% 80% 20%	At Start	= \$8,374,300 \$6,699,440 \$1,674,860	\$ 15,226,000
		Total Proj	ect Cost	\$15,226,000
		Total S	State Aid	\$8,374,300

\$8,526,560

Barker Architects, PLLC 11/30/2020

Total Bond Amount

Mt C	aesar Elementary		Option 9	- Combi	ne Swan	zey and T	roy			Life-C	ycle Cost	Analysis
	Student Capacity	75										
	Task i	Rates	Year 1	2	3	3 4	5	6	7	8	9	10
	Division 0		-	-	-	-	_	-	-	-	-	-
	Division 1		-	-	-	-	_	-	-	_	_	-
	Division 2		-	-	-	-	_	-	-	_	_	-
	Division 3		-	-	-	-	_	-	-	_	_	-
	Division 4		-	-	_	-	-	_	_	_	-	-
	Division 5		-	-	_	-	-	_	_	_	-	-
S	Division 6		_	_	_	_	_	_	_	_	_	_
99	Division 7		-	-	_	-	-	_	_	_	-	-
BUILDING NEEDS	Division 8		-	-	_	-	-	_	_	_	-	-
\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	Division 9		-	_	-	_	_	_	_	_	_	-
₽	Division 10		-	-	-	-	_	-	-	_	_	-
BU	Division 11		-	-	_	-	-	_	_	_	-	-
	Division 12		-	-	_	-	-	_	_	_	-	-
	Division 13		-	_	-	-	_	-	-	_	_	-
	Division 14		-	_	-	_	_	_	_	_	_	-
	Division 15		-	_	-	_	_	_	_	_	_	-
	Division 16		-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		-	-	-	-	-	-	-	-	-	-
	Water	\$ 0.20	20,195	20,781	21,384	22,004	22,642	23,298	23,974	24,669	25,385	26,121
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
	Grid	\$ 0.75	75,732	77,929	80,189	82,514	84,907	87,369	89,903	92,510	95,193	97,953
UTILITIES	On-Site	-	-	-	-	-	-	-	-	-	-	-
	Heating Fuel	\$ -	-	-	-	-	-	-	-	-	-	-
	Oil	\$ -	-	-	-	-	-	-	-	-	-	-
₽	Propane	\$ 0.39	39,381	40,523	41,698	42,907	44,152	45,432	46,750	48,105	49,500	50,936
	Wood	\$ -	-	-	-	-	-	-	-	-	-	-
	Electricity	\$ -	-	-	-	-	-	-	-	-	-	-
	Other	\$ -	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$ -	-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		135,308	139,232	143,270	147,425	151,700	156,100	160,626	165,285	170,078	175,010
	Cleaning	\$ 1.50	151,465	155,857	160,377	165,028	169,814	174,738	179,806	185,020	190,386	195,907
ES	Repairs	\$ 0.15	15,146	15,586	16,038	16,503	16,981	17,474	17,981	18,502	19,039	19,591
₽ A	Productivity Loss	0.809	% 30,293	31,171	32,075	33,006	33,963	34,948	35,961	37,004	38,077	39,181
HUMAN	Bussing	\$ 2,000	1,543,500	1,588,262	1,634,321	1,681,716	1,730,486	1,780,670	1,832,310	1,885,447	1,940,125	1,996,388
7 8			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		1,740,404	1,790,876	1,842,811	1,896,253	1,951,244	2,007,830	2,066,057	2,125,973	2,187,626	2,251,067
B	Principal	5.009		426,328	426,328	426,328	426,328	426,328	426,328	426,328	426,328	426,328
Ž	Interest	1.679	% 135,274	128,154	121,035	113,915	106,795	99,675	92,556	85,436	78,316	71,197
뤁			-	-	-	-	-	-	-	-	-	-
∞												
Ě	Tax Income	2.409	,	76,237	78,447	80,722	83,063	85,472	87,951	90,501	93,126	95,827
PE	Building Aid Reimbursemen	t	1,674,860									
PROPERTY & FINANCE	CURTOTAL		(4.407.246)	-	460.045	-	450.000	-	-	-	-	404.500
	SUBTOTAL		(1,187,346)	478,246	468,915	459,520	450,060	440,531	430,933	421,263	411,518	401,698
		TOTA	L 688,366	2,408,354	2,454,996	2,503,198	2,553,004	2,604,461	2,657,617	2,712,520	2,769,222	2,827,776
			,	_,,	_,,	_,,	_,,	_,,,	_,,	_,,.	_,: -,	_,,
											GRAND TOTAL	\$ 24,179,515
			Bond Amount	\$ 8.526.560		Building Size:	98,131		Total Project C	ost:	\$ 15,226,000	
			Bond Term:	20		Inflation Rate:		*	State Aid Rate			Nominal
			Bond Rate:	1.67%	**	Value of Exist:			State Building		\$8,374,300	-
									Ü			

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

OPTION 10

TOWN SCHOOLS
CONSOLIDATE SWANZEY TO MT CEASAR
ADDITIONS/RENOVATIONS TO
EMERSON
TROY
GILSUM

Emerson Elementary School

Project Cost Worksheet

Student Capacity 200

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$1,844,000
	New Constuction	1,116 s.f.	\$ 182 per s	s.f. \$203,000	
	Renovation			\$ 1,621,000	
	Construction Contingency	5.00%		\$10,000	
	Construction Manager Fee	5.00%		\$10,000	
	· ·				
3.	Design Fees				\$100,000
	Civil Engineering	6.00%		\$10,000	. ,
	A&E New Construction	5.00%		\$90,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture Equipment and Cond				\$180,000
4.	Furniture, Equipment and Servi	5.00%		000 000	\$100,000
	Loose Equipment Phone Service	5.00% 1.00%		\$90,000 \$20,000	
		2.00%		\$40,000	
	Computers	2.00% 1.50%			
	Utility Charges	1.50%		\$30,000	
5.	Administrative Costs				\$50,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$20,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$100,000
0.	Design Contingency	J /0			φ100,000

Total Project Cost

\$2,474,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

10/29/2020

Emerson Elementary School			Bond	Cost Worksheet
Student Capacity	200	Core Capacity	248	
Square Foot Allowance				
State Allowable Formula Previous < 50 y.o.	144	square feet / student =	35,712	based on core capacity
Gym/CR Addition	1990		19,706	
		Total to Doduct	10.706	
		Total to Deduct	19,706	
Allowable Size			16,006	
Construction Cost Allowance				
State Allowable Formula \$ Site and Soft Cost	182	per square foot =	\$2,913,092 \$630,000	
Allowable Cost			3,543,092	
Reimbursement				
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.		
State Aid		Allowed Project Cost	=	\$ 2,474,000
	55% 80% 20%	At Start	\$1,360,700 \$1,088,560 \$272,140	
		Total Proj	ect Cost	\$2,474,000
		Total S	State Aid	\$1,360,700
		Total Bond	Amount	\$1,385,440

Barker Architects, PLLC 10/29/2020

Eme	rson Elementary Student Capacity	200	Option 10) - Town	Schools					Life-Cy	cle Cost A	Analysis
	Task		1	2	3	4	5	6	7	8	9	10
	Division 0				-	- '	-	-	- '	-	-	-
	Division 1		-	-	-	-	-	-	-	-	-	-
	Division 2		-	-	-	-	-	-	-	-	-	-
	Division 3		-	-	-	-	-	-	-	-	-	-
	Division 4		-	-	-	-	-	-	-	-	-	-
	Division 5		-	-	-	-	-	-	-	-	-	-
SS	Division 6		-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 7		-	-	-	-	-	-	-	-	-	-
2 ()	Division 8		-	-	-	-	-	-	-	-	-	-
Ž	Division 9		-	-	-	-	-	-	-	-	-	-
Ħ	Division 10		-	-	-	-	-	-	-	-	-	-
표	Division 11		-	-	-	-	-	-	-	-	-	-
	Division 12		-	-	-	-	-	-	-	-	-	-
	Division 13		-	-	-	-	-	-	-	-	-	-
	Division 14		-	-	-	-	-	-	-	-	-	-
	Division 15		-	-	-	-	-	-	-	-	-	-
	Division 16		-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		-	-	-	-	-	-	-	-	-	-
		\$ 0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
		\$ -	-	-	-	-	-	-	-	-	-	-
ES		\$ 0.60	26,210	26,970	27,753	28,557	29,386	30,238	31,115	32,017	32,945	33,901
	On-Site	-	-	-	-	-	-	-	-	-	-	-
	_	\$ -	-	-	-	-	-	-	-	-	-	-
UTILITIES		\$ -	-	-	-	-	-	-	-		-	-
5		\$ 0.80	27,958	28,768	29,603	30,461	31,345	32,254	33,189	34,151	35,142	36,161
		\$ -	-	-	-	-	-	-	-	-	-	-
	•	\$ - \$ -	-	-	-	-	-	-	-	-	-	-
		\$ - \$ -	-	-	-	-	-	-	-	-	-	
	Cooking Fuel SUBTOTAL	ş -	61.157	62.931	64,756	66,634	68.566	70,555	72,601	74,706	76,873	79,102
		\$ 2.00	69,894	71,921	74,007	76,153	78,361	80,634	82,972	85,378	87,854	90,402
S		\$ 0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
AN	Productivity Loss	0.20	11,795	12,137	12,489	12,851	13,223	13,607	14,002	14,408	14,825	15,255
HUMAN	•	\$ 1,600	329,280	338,829	348,655	358,766	369,170	379,876	390,893	402,229	413,893	425,896
H S	545511.16	, 1,000	-	-	-	-	-	-	-	-	-	-
_	SUBTOTAL		417,958	430,079	442,551	455,385	468,591	482,180	496,164	510,552	525,358	540,594
ш	Principal	5.00%	69,272	69,272	69,272	69,272	69,272	69,272	69,272	69,272	69,272	69,272
S	Interest	1.67%	21,980	20,823	19,666	18,509	17,353	16,196	15,039	13,882	12,725	11,568
Ϋ́			-	-	-	-	-	-	-	-	-	-
∞			-	-	-	-	-	-	-	-	-	-
	Tax Income	2.40%	-	-	-	-	-	-	-	-	-	-
Ä	Building Aid Reimbursement	t	280,032	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE			-	-	-	-	-	-	-	-	-	-
₫	SUBTOTAL		(188,780)	90,095	88,938	87,781	86,625	85,468	84,311	83,154	81,997	80,840
		TOTAL	290,335	583,105	596,245	609,800	623,782	638,203	653,075	668,413	684,228	700,536
											_	
										GF	RAND TOTAL	5 6,047,724

Bond Amount \$	1,385,440	Building Size:	33962	Total Project Cost:	\$ 2,474,000
Bond Term:	20	Inflation Rate:	2.90% *	State Aid Rate:	55% Nominal
Bond Rate:	1.67% **	Value of Exist:	0	State Building Aid:	\$1,360,700

^{*} Inflation based on current RS Means Historic Cost Index

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Gilsum Elementary

Project Cost Worksheet

Student Capacity 100

1.	Site Development Costs				\$0
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities				
2.	General Construction - New				\$3,657,000
۷.	New Construction	8,383 s.f.	\$ 182 per s.f.	\$1,526,000	ψ3,037,000
	Renovation	0,000 3.1.	ψ 102 μα 3.1.	\$1,979,000	
	Construction Contingency	5.00%		\$76,000	
	Construction Manager Fee	5.00%		\$76,000	
	Constitution Manager 1 ee	0.0070		Ψ7 0,000	
3.	Design Fees				\$180,000
	Civil Engineering	6.00%		\$0	
	A&E New Construction	5.00%		\$180,000	
	A&E Renovation	7.00%		\$0	
4.	Furniture, Equipment and Servi	ices			\$340,000
₹.	Loose Equipment	5.00%		\$180,000	ΨΟ-τΟ,ΟΟΟ
	Phone Service	1.00%		\$40,000	
	Computers	2.00%		\$70,000	
	Utility Charges	1.50%		\$50,000	
	Othicy Orlanges	1.50 /0		ψ50,000	
5.	Administrative Costs				\$60,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$30,000	
	Bonding/Legal	0.30%		\$10,000	
6.	Design Contingency	5%			\$200,000
					4 =00,000

Total Project Cost

\$4,437,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/22/2020

Gilsum Elementary	Bono	Bond Cost Worksheet			
Student Capacity		100	Core Capacity		
Square Foot Allowance					
State Allowable Formula Previous < 35 y.o.		144	square feet / student =	based on core capacity	
Original 1970's 1980's 1990's				7,890	Older than 35 years Older than 35 years Older than 35 years
Pre-School					
Allowable Size			Total to Deduct	7,890 15,150	
Construction Cost Allowance					
State Allowable Formula Site and Soft Cost	\$	182	per square foot =	\$2,757,300 \$780,000	
Allowable Cost				\$2,772,450	
Reimbursement					
Renovation Thresholds			Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 3,288,376 \$ 822,094 \$ 1,973,026	
State Aid	;	55% 80% 20%	At Start	= \$1,524,848 \$1,219,878 \$304,970	\$ 2,772,450
			Total Proj	ect Cost	\$4,437,000
			Total S	State Aid	\$1,524,848
			Total Bond	Amount	\$3,217,122

Barker Architects, PLLC 11/30/2020

Gilsu	Im STEAM Acadei Student Capacity	my	100	•	LO - Town S	Schools					Life-Cy	cle Cost /	Analysis
	Task			Year 1	2	3	4	5	6	5 7	8	9	10
	Division 0			-		-	- '	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
SO	Division 6			-	-	-	-	-	-	-	-	-	-
当	Division 7			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 8			-	-	-	-	-	-	-	-	-	-
	Division 9 Division 10			-	-	-	-	-	-	-	-	-	-
툸	Division 11			-	-	-	-	-	-	-	-	-	-
_	Division 12				-			-					
	Division 13			_	_	-	_	_		-	_	_	-
	Division 14			_	_	_	_	_	_	_	_	_	_
	Division 15			-	_	-	_	_	_	-	_	_	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTAL			-	-	-	-	-	-	-	-	-	-
	Water	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Grid	\$	0.85	23,135	23,806	24,496	25,207	25,938	26,690	27,464	28,260	29,080	29,923
UTILITIES	On-Site	-		-	-	-	-	-	-	-	-	-	-
	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	Oil	\$ \$	0.94 0.40	25,585	26,327	27,090	- 11.063	12 206	12.500	- 12.024	12 200	- 42.605	-
5	Propane Wood	\$ \$	0.40	-	-	-	11,862	12,206	12,560	12,924	13,299	13,685	14,082
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-		-								
	Cooking Fuel	\$	_	-	_	_	_	-	_	-	_	_	-
	SUBTOTAL	Ť		54,163	55,734	57,350	43,000	44,247	45,530	46,850	48,209	49,607	51,046
	Cleaning	\$	2.00	54,435	56,014	57,639	59,310	61,030	62,800	64,621	66,495	68,423	70,408
ES	Repairs	\$	0.20	5,444	5,601	5,764	5,931	6,103	6,280	6,462	6,650	6,842	7,041
A P	Productivity Loss		0.90%	9,186	9,452	9,726	10,009	10,299	10,597	10,905	11,221	11,546	11,881
HUMAN	Bussing	\$	1,600	164,640	169,415	174,328	179,383	184,585	189,938	195,446	201,114	206,947	212,948
- 2				-	-	-	-	-	-	-	-	-	-
	SUBTOTAL		5.00%	233,705	240,482	247,456	254,633	262,017	269,616	277,434	285,480	293,759	302,278
	Principal Interest		1.67%	160,856 51,040	160,856 48,353	160,856 45,667	160,856 42,981	160,856 40,294	160,856 37,608	160,856 34,922	160,856 32,236	160,856 29,549	160,856 26,863
Ā	interest		1.07/0	31,040	40,333	43,007	42,561	40,294	37,006	34,322	32,230	29,349	20,803
臣													
∞ ≥	Tax Income			-	_	-	_	_	_	-	_	_	-
띮	Building Aid Reimburseme	nt		304,970	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE	ŭ			· -	-	-	-	-	-	-	-	-	-
₹	SUBTOTAL			(93,074)	209,209	206,523	203,837	201,151	198,464	195,778	193,092	190,405	187,719
			TOTAL	194,795	505,426	511,330	501,469	507,414	513,610	520,063	526,781	533,771	541,043
											C	GRAND TOTAL	\$ 4,855,701
				Bond Amt:	\$ 3,217,122		Building Size:	26,451		Total Project Cost	:	\$ 4,437,000	
				Bond Term:	20		Inflation:	2.90% *	*	State Aid Rate:			Nominal
				Bond Rate:	1.67% **		Value Exist:			State Building Aid	:		***
				* Inflation has	ed on current PS	Maans Hist	oric Cost Index		*** Limited h	v Previous Addition	nc.		

^{*} Inflation based on current RS Means Historic Cost Index

^{***} Limited by Previous Additions

^{**} Band Rate is last reported sale by the NH Municipal Bond Bank.

Mt Ceasar Elementary

Project Cost Worksheet

Student Capacity 550

1.	Site Development Costs				\$400,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces	\$100,000	
	Site Prep & Utilities			\$300,000	
2.	General Construction - New				\$7,344,000
	New Constuction	35,357 s.f.	\$ 182 per s.f.	\$6,435,000	
	Renovation			\$265,000	
	Construction Contingency	5.00%		\$322,000	
	Construction Manager Fee	5.00%		\$322,000	
3.	Design Fees				\$360,000
	Civil Engineering	6.00%		\$20,000	
	A&E New Construction	5.00%		\$320,000	
	A&E Renovation	7.00%		\$20,000	
4.	Furniture, Equipment and Ser	vices			\$700,000
	Loose Equipment	5.00%		\$370,000	
	Phone Service	1.00%		\$70,000	
	Computers	2.00%		\$150,000	
	Utility Charges	1.50%		\$110,000	
5.	Administrative Costs				\$120,000
	Testing	0.25%		\$20,000	
	Survey, Borings	0.25%		\$20,000	
	Clerk of the Works	0.75%		\$60,000	
	Bonding/Legal	0.30%		\$20,000	
6.	Design Contingency	5%			\$400,000

Total Project Cost

\$9,324,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc. 9/2

9/22/2020

Mt Ceasar Elementary Student Capacity	550	Core Capacity	Bond Cost Workshe			
Stadent capacity	330	core capacity	030			
Square Foot Allowance						
State Allowable Formula Previous < 35 y.o.	120	square feet / student =	78,000	based on core capacity		
Original Schools 1st Additions Early Cutler Additions	1900, 1950 1950's			Older than 35 years Older than 35 years Older than 35 years		
Mt Ceasar Additions Mt Ceasar Additions Cutler Gym	1987 2000 1990's		4,733 11,382	Older than 35 years		
Pre-School	1990 5	Total to Deduct	16,115			
Allowable Size			61,885			
Construction Cost Allowance						
State Allowable Formula Site and Soft Cost	\$ 182	per square foot =	\$11,263,070 \$1,980,000			
Allowable Cost			\$13,243,070			
Reimbursement						
Renovation Thresholds		Replacement Value 25% Renovation Min. 60% Renovation Max.	\$ 7,004,816 \$ 1,751,204 \$ 4,202,890			
State Aid	55% 80% 20%		= \$5,128,200 \$4,102,560 \$1,025,640	\$ 9,324,000		
		Total Proj	ect Cost	\$9,324,000		
		Total S	State Aid	\$5,128,200		
		Total Bond	Amount	\$5,221,440		

Barker Architects, PLLC 11/30/2020

Task
Task Division 0
Division 0
Division 1
Division 3
Division 4 Division 5 Division 6 Division 7 Division 8 Division 9 Division 10 Division 11 Division 12 Division 13 Division 14 Division 14 Division 15 Division 16 SUBTOTAL Water \$ 0.20 15,197 15,638 16,092 16,558 17,038 17,533 18,041 18,564 19,103 19,655 (Grid \$ 0.75 56,990 58,643 60,343 62,093 63,894 65,747 67,654 69,616 71,635 73,775 (Drivision 10 Consider the consideration of the consider
Division 5
Division 6 Division 7 Division 8 Division 9 Division 10 Division 11 Division 12 Division 13 Division 14 Division 14 Division 15 Division 16 SUBTOTAL Water Source State Source Source Source State Source S
Division 7 Division 8 Division 9 Division 10 Division 11 Division 12 Division 13 Division 14 Division 15 Division 15 Division 16 SUBTOTAL Water \$ 0.20 15,197 15,638 16,092 16,558 17,038 17,533 18,041 18,564 19,103 19,68 Electricity \$
Division 12
Division 13
Division 14 Division 15 Division 15 Division 16 SUBTOTAL Water \$ 0.20 15,197 15,638 16,092 16,558 17,038 17,533 18,041 18,564 19,103 19,65 Electricity \$
Division 15 Division 16 SUBTOTAL Water \$ 0.20 15,197 15,638 16,092 16,558 17,038 17,533 18,041 18,564 19,103 19,65 Electricity \$
Division 16
SUBTOTAL
Water \$ 0.20 15,197 15,638 16,092 16,558 17,038 17,533 18,041 18,564 19,103 19,65 Electricity \$
Electricity \$
Grid \$ 0.75 56,990 58,643 60,343 62,093 63,894 65,747 67,654 69,616 71,635 73,73 On-Site
On-Site
Heating Eucl
Oil \$
UI 3
Fridgine 3 0.33 23,033 30,434 31,373 32,283 33,223 34,160 33,160 37,230 37,230 36,33
Electricity \$
Other S
Cooking Fuel \$
SUBTOTAL 101,822 104,775 107,814 110,940 114,158 117,468 120,875 124,380 127,987 131,61
Cleaning \$ 1.50 113,980 117,286 120,687 124,187 127,788 131,494 135,308 139,231 143,269 147,43
Productivity Loss 0.80% 22,796 23,457 24,137 24,837 25,558 26,299 27,062 27,846 28,654 29,44
Repairs \$ 0.15 11,398 11,729 12,069 12,419 12,779 13,149 13,531 13,923 14,327 14,74 Productivity Loss 0.80% 22,796 23,457 24,137 24,837 25,558 26,299 27,062 27,846 28,654 29,44 Bussing/Student \$ 1,600 905,520 931,780 958,802 986,607 1,015,219 1,044,660 1,074,955 1,106,129 1,138,206 1,171,25
SUBTOTAL 1,053,694 1,084,251 1,115,695 1,148,050 1,181,343 1,215,602 1,250,855 1,287,130 1,324,456 1,362,86
Principal 5 000/ 361 073 361 073 361 073 361 073 361 073 361 073 361 073 361 073 361 073 361 073 361 073
Interest 1.67% 82,838 78,478 74,118 69,758 65,399 61,039 56,679 52,319 47,959 43,59
2
<u>a</u>
Tax Income 2.40% 24,696 25,412 26,149 26,907 27,688 28,491 29,317 30,167 31,042 31,94
Building Aid Reimbursement 1,025,640
Tax Income 2.40% 24,696 25,412 26,149 26,907 27,688 28,491 29,317 30,167 31,042 31,949 20,941 20,343
SUBTOTAL (706,426) 314,138 309,041 303,923 298,783 293,620 288,434 283,224 277,989 272,73
TOTAL 449,091 1,503,165 1,532,550 1,562,913 1,594,284 1,626,690 1,660,163 1,694,733 1,730,432 1,767,29
GRAND TOTAL \$ 15,121,3
Bond Amt: \$ 5,221,440 Building Size: 73,845 Total Project Cost: \$ 9,324,000

^{*} Inflation based on current RS Means Historic Cost Index

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.

Troy Elementary School

Project Cost Worksheet

Student Car	pacity	200

1.	Site Development Costs				\$200,000
	Land Acquisition				
	Playfields	1	Field		
	Paving	100	Spaces		
	Site Prep & Utilities			\$200,000	
2.	General Construction - New				\$4,838,000
۷.	New Construction	6,364 s.f.	\$ 182 per s.f.	\$1,158,000	\$4 ,030,000
	Renovation	0,304 5.1.	ъ 10∠ рег s.i.	\$3,564,000	
	Construction Contingency	5.00%		\$5,564,000 \$58,000	
	Construction Manager Fee	5.00%		\$58,000	
	Construction Manager Fee	3.00 %		φ30,000	
3.	Design Fees				\$320,000
	Civil Engineering	6.00%		\$10,000	
	A&E New Construction	5.00%		\$60,000	
	A&E Renovation	7.00%		\$250,000	
4.	Furniture, Equipment and Serv	ices			\$460,000
• •	Loose Equipment	5.00%		\$240,000	4 100,000
	Phone Service	1.00%		\$50,000	
	Computers	2.00%		\$100,000	
	Utility Charges	1.50%		\$70,000	
	cum, cmanges			ψ. σ,σσσ	
5.	Administrative Costs				\$80,000
	Testing	0.25%		\$10,000	
	Survey, Borings	0.25%		\$10,000	
	Clerk of the Works	0.75%		\$40,000	
	Bonding/Legal	0.30%		\$20,000	
6.	Design Contingency	5%			\$300,000

Total Project Cost

\$6,198,000

(Note: all numbers rounded to nearest \$10,000)

Table G

Barker Architects, Inc.

11/30/2020

Troy Elementary School

Bond Cost Worksheet

Student Capacity 200 Core Capacity 248

Square Foot Allowance

State Allowable Formula 144 square feet / student : 35,712 based on core capacity

Previous < 50 y.o.

All Troy additions over 50 years old

Total to Deduct -

Allowable Size 35,712

Construction Cost Allowance

State Allowable Formula \$ 182 per square foot = \$6,499,584

Site and Soft Cost \$1,360,000

Allowable Cost 7,859,584

Reimbursement

Renovation Thresholds Replacement Value \$ 4,029,208

25% Renovation Min. \$ 1,007,302 60% Renovation Max. \$ 2,417,525

State Aid Allowed Project Cost = \$ 6,198,000

55% State Aid Rate \$3,408,900 80% At Start \$2,727,120 20% At Completion \$681,780

Total Project Cost \$6,198,000

Total State Aid \$3,408,900

Total Bond Amount \$3,470,880

Table H

Barker Architects, PLLC 11/30/2020

Troy	Elementary			Option 1	l0 - Town	Schools					Life-Cy	cle Cost	Analysis
	Student Capacity		200										
		Rat	tes/sf	Year									
	Task			1	2	3	4	5	6	7	8	9	10
	Division 0			-	-	-	-	-	-	-	-	-	-
	Division 1			-	-	-	-	-	-	-	-	-	-
	Division 2			-	-	-	-	-	-	-	-	-	-
	Division 3			-	-	-	-	-	-	-	-	-	-
	Division 4			-	-	-	-	-	-	-	-	-	-
	Division 5			-	-	-	-	-	-	-	-	-	-
SO	Division 6			-	-	-	-	-	-	-	-	-	-
BUILDING NEEDS	Division 7			-	-	-	-	-	-	-	-	-	-
<u> </u>	Division 8			-	-	-	-	-	-	-	-	-	-
a	Division 9			-	-	-	-	-	-	-	-	-	-
불	Division 10			-	-	-	-	-	-	-	-	-	-
Φ.	Division 11			-	-	-	-	-	-	-	-	-	-
	Division 12			-	-	-	-	-	-	-	-	-	-
	Division 13			-	-	-	-	-	-	-	-	-	-
	Division 14			-	-	-	-	-	-	-	-	-	-
	Division 15			-	-	-	-	-	-	-	-	-	-
	Division 16			-	-	-	-	-	-	-	-	-	-
	SUBTOTA					-	-						-
	Water	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
UTILITIES	Grid	\$	0.75	26,210	26,970	27,753	28,557	29,386	30,238	31,115	32,017	32,945	33,901
	On-Site	-		-	-	-	-	-	-	-	-	-	-
	Heating Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	Oil	\$	-	-	-	-	-	-	-	-	-	-	-
Ę	Propane	\$	0.39	13,629	14,025	14,431	14,850	15,280	15,724	16,180	16,649	17,132	17,628
_	Wood	\$	-	-	-	-	-	-	-	-	-	-	-
	Electricity	\$	-	-	-	-	-	-	-	-	-	-	-
	Other	\$	-	-	-	-	-	-	-	-	-	-	-
	Cooking Fuel	\$	-	-	-	-	-	-	-	-	-	-	-
	SUBTOTA			46,829	48,187	49,584	51,022	52,502	54,025	55,591	57,204	58,862	60,569
	Cleaning	\$	2.00	69,894	71,921	74,007	76,153	78,361	80,634	82,972	85,378	87,854	90,402
Z Si	Repairs	\$	0.20	6,989	7,192	7,401	7,615	7,836	8,063	8,297	8,538	8,785	9,040
HUMAN	Productivity Loss		0.90%	,	12,137	12,489	12,851	13,223	13,607	14,002	14,408	14,825	15,255
<u> </u>	Bussing	\$	1,400	288,120	296,475	305,073	313,920	323,024	332,392	342,031	351,950	362,157	372,659
_ #				-	-	-	-	-	-	-	-	-	-
	SUBTOTA	۱L		376,798	387,725	398,969	410,539	422,445	434,696	447,302	460,274	473,622	487,357
삥	Principal		5.00%		173,544	173,544	173,544	173,544	173,544	173,544	173,544	173,544	173,544
Ž	Interest		1.67%		52,167	49,269	46,371	43,473	40,575	37,676	34,778	31,880	28,982
룬				-	-	-	-	-	-	-	-	-	-
∞ŏ													
Ě	Tax Income		2.40%		-	-	-	-	-	-	-	-	-
E	Building Aid Reimbursem	ent		701,552	-	-	-	-	-	-	-	-	-
PROPERTY & FINANCE				-	-	-	-	-	-	-	-	-	-
	SUBTOTA	١L		(472,942)	225,711	222,813	219,915	217,017	214,119	211,220	208,322	205,424	202,526
			TOTAL	(49,315)	661,624	671,367	681,477	691,964	702,839	714,114	725,800	737,908	750,452
											GI	RAND TOTAL	\$ 6,288,229
					6 2 470 000		D :	22.055	_			¢ c 400 0cc	
				Bond Amt:	\$ 3,470,880		Building Size:	33,962		otal Project Co	St:	\$ 6,198,000	
				Bond Term:	20		Inflation:	2.90% *	5	tate Aid Rate:		55%	Nominal

^{*} Inflation based on current RS Means Historic Cost Index

1.67% **

Bond Rate:

Value Exist: \$

Table I

\$3,408,900

State Building Aid:

 $[\]ensuremath{^{**}}$ Band Rate is last reported sale by the NH Municipal Bond Bank.