Town of Mansfield
Department of Finance

To: Matt Hart, Town Manager

From: Cherie Trahan, Director

Date: February 21, 2012

Re: School Building Project Questions

Attached is a copy of questions received from Councilors Lindsey and Keane regarding the proposed school building project, on February 17'th and February 20'th respectively. The answers for many of these questions can be found in documents distributed at an earlier time. However, some questions need to be responded to by someone other than myself.

On Councilor Lindsey's list:

I believe the answers for questions 1 through 7 can be found within documents previously distributed. I will identify those documents for you.

Questions 8 and 9 will need to be referred to Tom DiMauro of Newfield Construction.

Questions 12, 13, and 16 will be referred to the Town's Assessor for follow up.

Question 18 will be referred to Tom DiMauro and the Town's Director of Facilities.

On Councilor Keane's list:

Question 5 – Clarification is needed and will be referred to the Superintendent and the Director of Facilities.

I have noted brief responses to a number of the questions on the attached. Due to the fact that we are preparing the FY 2012/13 budget at this time, I will need until next week to complete all responses and provide the document names for the rest.

From: Meredith Lindsey <merilindsey@snet.net>
To: Cherie A. Trahan <TrahanCA@MANSFIELDCT.ORG>
Cc: Matthew W. <Hartmw@MANSFIELDCT.ORG>
Sent: Fri, February 17, 2012 10:53:13 AM
Subject: Additional questions

Hi Cherie,

Here are the questions I mentioned when we ran into each other yesterday. Some I just want to confirm that the numbers I have are correct, others are new.

1. What is the existing total square footage for:
   - Vinton (including portable space)
   - Goodwin
   - Southeast
   - Mansfield Middle School (renovation/replacement space)

2. What is the current appraised value on:
   - Vinton
   - Goodwin
   - Southeast

3. What is the total square footage for new construction (2 new schools plus Mansfield Middle School replacement/renovation)?

4. What is the total cost (project cost NOT state Reimbursement or Town's portion) for new construction under the two-school options subtracting out that portion of the Mansfield Middle School renovation? What is that portion on a per square foot basis?

5. What is the total costs (project cost NOT state Reimbursement or Town's portion) for the Baseline renovations to the three schools only (not inclusive of Mansfield Middle School)? What is that portion on a per square foot basis?

6. What is the cost per square foot of the renovations to the Mansfield Middle School under the Baseline and the other options?

7. What portion of the total cost belongs to the Mansfield Middle School renovations under each project scenario from Baseline to New Construction?

8. What percentage of the new construction costs is "build out and furnishings" for the three new schools as opposed to bricks and mortar? What percentage of the renovation and replacement cost at the MMS is the furnishings and build out?

9. What percentage of the new construction costs are bricks and mortar?

10. What percentage of the new construction costs are land purchase, overhead, construction fees, permits and administrative costs (on a cost per square foot basis)?

11. What is the actual project cost benefit analysis undertaken to determine the value of new construction over renovation/rehab? ***The project cost benefit analysis is a combination of all of the analysis that has been provided. There are many factors to be considered, but we have not prepared one consolidated report.***

12. What is the projected median appraised value for a home in Mansfield for 2014/2015?

13. Please provide a 20-year financial spreadsheet inclusive of an assumed projected (increase/decrease) to the median home assessment value beginning in 2014.

14. What portion of the taxes on a median home (in real numbers and percentages) can be attributed to the rehab of the four schools? ***This is provided in the 20 Year Cost Projections***

15. What portion of the taxes on a median home (in real numbers and percentages) can be attributed to new construction and rehab of MMS?

16. Please provide the mean and mode of assessed homes in Mansfield.

17. Please explain in detail the following statement: Increase net reimbursement due to reduced square footage on the Option E (700 and 750 Students). ***Response: Option E now has the more favorable reimbursement rate since we will not qualify for Renovate Like New for Option A or C. In addition the square foot penalty is higher under Option A because the combined square footage to repair the three existing buildings is more than the square footage of the two new schools.***

18. What is the payback period on the energy management system?

19. Is the $450,000 for land acquisition included in the Total Estimated Project Cost or in addition to? ***It is included.***

Thanks for your help,

Meredith

From: Denise Keane [mailto:denisekeane2009@gmail.com]
Sent: Monday, February 20, 2012 8:57 AM
To: Matthew W. Hart; Cherie Trahan
Cc: Meredith Lindsey (home); Christopher R. Paulhus; Elizabeth Paterson (home)
Subject: Fwd: Fw: Additional questions

Hi All:

I have a few more questions to add to the list that Meredith sent below.

Please provide the town council with:

1. An itemized list of all furnishings included in Option E (750). ***Not available at this time. An estimated total amount is projected.***
2. An itemized list of what is included in the cost savings estimates for Options A (with and without solar panels), A-enhanced and E (750). It appears that this estimate has drastically changed from the memo Bill Hammon sent on Feb. 12th to the amounts in the spreadsheets we were looking at in the last workshop. It would be helpful to know exactly what was used to get this estimates. ***The cost savings are the same as before. Bill H. explained how estimated the maintenance and energy savings. The salary saving provided are the same as Fred B. provided early on in the process.***
3. The interest costs for each of those three options. ***Attached are copies of the debt service projections from Bill L.***
4. Revised estimated debt schedules, including a cash scenario for Option A. ***Debt schedules are attached. Cash scenario would depend on replacement needs. We estimated approximately $1mil/year.***
5. An itemized large maintenance expenditure list for each of the four schools since the last major renovation in 1990 (things like the roof, etc.) ***Please provide clarification - things that are needed or things that have been done?***
6. Why is asbestos mentioned in the options' budgets - I thought that was finished?
7. A copy of the last facilities report sent to the State (2011 if complete,or the one from 2009 if not). ***Attached***
8. The reimbursent amount for Option A changed from 36.3% to 20.1% in the projections - what changed in the plan itself to result in this big difference (I am assuming it is not just a change in percentage from the state, but in the list of what is to be done in that option)? ***As explained, this is due to the fact that we do not qualify for renovate like new. There has been no change to the original plan.***

Thank-you for gathering these things,

Denise

TOWN OF MANSFIELD, CT

PRO FORMA FINANCING PLAN

PROPOSED SCHOOL BUILDING PROJECTS

STATE APPLICATION - JUNE 2012

January 23, 2012

MADISON, CONNECTICUT

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - MULTIPLE OPTIONS
STATE APPLICATION JUNE, 2012
ASSUMPTIONS

ASSUMPTIONS

- Amortization term for School projects is 20 years.
- Short-term interest not capitalized into project and assumed to be paid through operating budget.
- Issuance cost for all bonds & notes to be capitalized into note/bond issues.
- All rates are based on market as of 1/19/2012 and adjusted as follows:

Issue Date	Notes	Bonds
1/19/2011 (Mkt)	0.25%	2.50%
May-2014	Mkt + 150 bps	Mkt + 100 bps
May-2015	Mkt + 200 bps	Mkt + 200 bps
May-2016	Mkt + 250 bps	Mkt + 250 bps
	-	Mkt +300 bps

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - MULTIPLE OPTIONS
STATE APPLICATION JUNE, 2012
DEBT SERVICE IMPACT SUMMARY

Option	Net Cost to Mansfield	Total P&I Cost	Peak Debt Service (Fiscal Year)	Peak Debt Service (Dollars)	Change in Debt Service from Current Year to Peak Year
Baseline	$20,341,895	$31,375,313	2017-18	$1,955,575	$1,093,108
A	$24,253,399	$37,230,750	2017-18	$2,597,674	$1,735,207
A (Enchanced)	$28,475,101	$43,308,750	2017-18	$2,686,250	$1,823,783
C	$44,197,294	$66,602,325	2017-18	$4,420,299	$3,557,832
E (750 students)	$34,873,177	$52,758,750	2017-18	$3,556,149	$2,693,682
E (700 students)	$31,817,264	$48,423,625	2017-18	$3,282,899	$2,420,432

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - BASELINE OPTION

STATE APPLICATION JUNE, 2012

DEBT SERVICE IMPACT

Fiscal Year	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2014 $5,000,000 Dated: 5/1/2014 Due: 5/1/2015 Interest @ 1.75%	Bonds 2014 $2,000,000 Dated: 5/1/2014 Due: 5/1/2015-34 Interest @ 3.50%	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $8,000,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Bonds 2016 $7,855,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Notes 2015 $1,500,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Notes 2016 $1,465,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $1,500,000 Dated: 5/1/2016 Due: 5/1/2017-2036 Interest @ 5.00%	Bonds 2017 $1,465,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-	-	844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-	-	650,717	(193,814)	2013-14
2014-15	380,011	87,500	170,000	-	-	-	-	-	-	-	257,500	637,511	(13,206)	2014-15
2015-16	300,324	-	166,500	112,500	760,000	-	33,750	-	-	-	1,072,750	1,373,074	735,563	2015-16
2016-17	293,726	-	163,000	-	742,000	742,750	-	40,288	150,000	-	1,838,038	2,131,764	758,690	2016-17
2017-18	287,124	-	159,500	-	724,000	770,250	-	-	146,250	155,575	1,955,575	2,242,699	110,936	2017-18
2018-19	280,524	-	156,000	-	706,000	750,500	-	-	142,500	151,450	1,906,450	2,186,974	(55,725)	2018-19
2019-20	273,925	-	152,500	-	688,000	730,750	-	-	138,750	147,325	1,857,325	2,131,250	(55,724)	2019-20
2020-21	267,326	-	149,000	-	670,000	711,000	-	-	135,000	143,200	1,808,200	2,075,526	(55,724)	2020-21
2021-22	260,723	-	145,500	-	652,000	691,250	-	-	131,250	139,075	1,759,075	2,019,798	(55,728)	2021-22
2022-23	253,853	-	142,000	-	634,000	671,500	-	-	127,500	134,950	1,709,950	1,963,803	(55,995)	2022-23
2023-24	245,600	-	138,500	-	616,000	651,750	-	-	123,750	130,825	1,660,825	1,906,425	(57,378)	2023-24
2024-25	236,800	-	135,000	-	598,000	632,000	-	-	120,000	126,700	1,611,700	1,848,500	(57,925)	2024-25
2025-26	208,000	-	131,500	-	580,000	612,250	-	-	116,250	122,575	1,562,575	1,770,575	(77,925)	2025-26
2026-27	-	-	128,000	-	562,000	592,500	-	-	112,500	118,450	1,513,450	1,513,450	(257,125)	2026-27
2027-28	-	-	124,500	-	544,000	572,750	-	-	108,750	114,325	1,464,325	1,464,325	(49,125)	2027-28
2028-29	-	-	121,000	-	526,000	553,000	-	-	105,000	110,200	1,415,200	1,415,200	(49,125)	2028-29
2029-30	-	-	117,500	-	508,000	533,250	-	-	101,250	106,075	1,366,075	1,366,075	(49,125)	2029-30
2030-31	-	-	114,000	-	490,000	513,500	-	-	97,500	96,950	1,311,950	1,311,950	(54,125)	2030-31
2031-32	-	-	110,500	-	472,000	493,750	-	-	93,750	93,100	1,263,100	1,263,100	(48,850)	2031-32
2032-33	-	-	107,000	-	454,000	474,000	-	-	90,000	89,250	1,214,250	1,214,250	(48,850)	2032-33
2033-34	-	-	103,500	-	436,000	454,250	-	-	86,250	85,400	1,165,400	1,165,400	(48,850)	2033-34
2034-35	-	-	-	-	418,000	434,500	-	-	82,500	81,550	1,016,550	1,016,550	(148,850)	2034-35
2035-36	-	-	-	-	-	414,750	-	-	78,750	77,700	571,200	571,200	(445,350)	2035-36
2036-37	-	-	-	-	-	-	-	-	-	73,850	73,850	73,850	(497,350)	2036-37
	$ 5,645,651	$ 87,500	$ 2,735,000	$ 112,500	$ 11,780,000	$ 12,000,250	$ 33,750	$ 40,288	$ 2,287,500	$ 2,298,525	$ 31,375,313	$ 37,020,964		

Gross Cost	$20,501,357
State Reimbursement	($2,922,862)
Sub-total Net Cost	$17,578,495
Cost of Issuance	$275,000
Total Net Cost	$17,853,495

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - BASELINE OPTION
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2014	5/1/2015	5/1/2016	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$2,000,000	$8,000,000	$7,855,000	**$17,855,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2014	-	-	-	-
2015	100,000	-	-	100,000
2016	100,000	400,000	-	500,000
2017	100,000	400,000	350,000	850,000
2018	100,000	400,000	395,000	895,000
2019	100,000	400,000	395,000	895,000
2020	100,000	400,000	395,000	895,000
2021	100,000	400,000	395,000	895,000
2022	100,000	400,000	395,000	895,000
2023	100,000	400,000	395,000	895,000
2024	100,000	400,000	395,000	895,000
2025	100,000	400,000	395,000	895,000
2026	100,000	400,000	395,000	895,000
2027	100,000	400,000	395,000	895,000
2028	100,000	400,000	395,000	895,000
2029	100,000	400,000	395,000	895,000
2030	100,000	400,000	395,000	895,000
2031	100,000	400,000	395,000	895,000
2032	100,000	400,000	395,000	895,000
2033	100,000	400,000	395,000	895,000
2034	100,000	400,000	395,000	895,000
2035	-	400,000	395,000	795,000
2036	-	-	395,000	395,000
TOTAL:	$ 2,000,000	$ 8,000,000	$ 7,855,000	$ 17,855,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS -BASELINE OPTION
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$4,950,690
State Reimbursement	($2,187,291)
Sub-total Net Cost	$2,763,399
Cost of Issuance	$200,000
Total Net Cost	$2,963,399

	Middle School Renovations		
DATE ISSUED:	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$1,500,000	$1,465,000	**$2,965,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2016	-	-	-
2017	75,000	-	75,000
2018	75,000	75,000	150,000
2019	75,000	75,000	150,000
2020	75,000	75,000	150,000
2021	75,000	75,000	150,000
2022	75,000	75,000	150,000
2023	75,000	75,000	150,000
2024	75,000	75,000	150,000
2025	75,000	75,000	150,000
2026	75,000	75,000	150,000
2027	75,000	75,000	150,000
2028	75,000	75,000	150,000
2029	75,000	75,000	150,000
2030	75,000	75,000	150,000
2031	75,000	70,000	145,000
2032	75,000	70,000	145,000
2033	75,000	70,000	145,000
2034	75,000	70,000	145,000
2035	75,000	70,000	145,000
2036	75,000	70,000	145,000
2037	-	70,000	70,000
TOTAL:	$ 1,500,000	$ 1,465,000	$ 2,965,000

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION A-1

STATE APPLICATION JUNE, 2012

DEBT SERVICE IMPACT

Fiscal Year	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2014 $5,000,000 Dated: 5/1/2014 Due: 5/1/2015 Interest @ 1.75%	Bonds 2014 $2,200,000 Dated: 5/1/2014 Due: 5/1/2015-34 Interest @ 3.50%	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $10,200,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Bonds 2016 $7,930,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Notes 2015 $2,900,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Notes 2016 $1,500,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $2,900,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $1,500,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-	-	844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-	-	650,717	(193,814)	2013-14
2014-15	380,011	87,500	187,000	-	-	-	-	-	-	-	274,500	654,511	3,794	2014-15
2015-16	-	-	183,150	112,500	969,000	-	65,250	-	-	-	1,329,900	1,329,900	675,389	2015-16
2016-17	293,726	-	179,300	-	946,050	791,500	-	41,250	290,000	-	2,248,100	2,541,826	1,211,926	2016-17
2017-18	287,124	-	175,450	-	923,100	771,750	-	-	282,750	157,500	2,310,550	2,597,674	55,848	2017-18
2018-19	280,524	-	171,600	-	900,150	752,000	-	-	275,500	153,375	2,252,625	2,533,149	(64,525)	2018-19
2019-20	273,925	-	167,750	-	877,200	732,250	-	-	268,250	149,250	2,194,700	2,468,625	(64,524)	2019-20
2020-21	267,326	-	163,900	-	854,250	712,500	-	-	261,000	145,125	2,136,775	2,404,101	(64,524)	2020-21
2021-22	260,723	-	160,050	-	831,300	692,750	-	-	253,750	141,000	2,078,850	2,339,573	(64,528)	2021-22
2022-23	253,853	-	156,200	-	808,350	673,000	-	-	246,500	136,875	2,020,925	2,274,778	(64,795)	2022-23
2023-24	245,600	-	152,350	-	785,400	653,250	-	-	239,250	132,750	1,963,000	2,208,600	(66,178)	2023-24
2024-25	236,800	-	148,500	-	762,450	633,500	-	-	232,000	128,625	1,905,075	2,141,875	(66,725)	2024-25
2025-26	208,000	-	144,650	-	739,500	613,750	-	-	224,750	124,500	1,847,150	2,055,150	(86,725)	2025-26
2026-27	-	-	140,800	-	716,550	594,000	-	-	217,500	120,375	1,789,225	1,789,225	(265,925)	2026-27
2027-28	-	-	136,950	-	693,600	574,250	-	-	210,250	116,250	1,731,300	1,731,300	(57,925)	2027-28
2028-29	-	-	133,100	-	670,650	554,500	-	-	203,000	112,125	1,673,375	1,673,375	(57,925)	2028-29
2029-30	-	-	129,250	-	647,700	534,750	-	-	195,750	108,000	1,615,450	1,615,450	(57,925)	2029-30
2030-31	-	-	125,400	-	624,750	515,000	-	-	188,500	103,875	1,557,525	1,557,525	(57,925)	2030-31
2031-32	-	-	121,550	-	601,800	495,250	-	-	181,250	99,750	1,499,600	1,499,600	(57,925)	2031-32
2032-33	-	-	117,700	-	578,850	475,500	-	-	174,000	95,625	1,441,675	1,441,675	(57,925)	2032-33
2033-34	-	-	113,850	-	555,900	455,750	-	-	166,750	91,500	1,383,750	1,383,750	(57,925)	2033-34
2034-35	-	-	-	-	532,950	436,000	-	-	159,500	87,375	1,215,825	1,215,825	(167,925)	2034-35
2035-36	-	-	-	-	-	446,250	-	-	152,250	83,250	681,750	681,750	(534,075)	2035-36
2036-37	-	-	-	-	-	-	-	-	-	79,125	79,125	79,125	(602,625)	2036-37
	$ 5,345,327	$ 87,500	$ 3,008,500	$ 112,500	$ 15,019,500	$ 12,107,500	$ 65,250	$ 41,250	$ 4,422,500	$ 2,366,250	$ 37,230,750	$ 42,576,077		

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION A-1
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$23,388,754
State Reimbursement	($3,335,549)
Sub-total Net Cost	$20,053,205
Cost of Issuance	$275,000
Total Net Cost	$20,328,205

	Elementary Schools			
DATE ISSUED:	5/1/2014	5/1/2015	5/1/2016	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$2,200,000	$10,200,000	$7,930,000	**$20,330,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2014	-	-	-	-
2015	110,000	-	-	110,000
2016	110,000	510,000	-	620,000
2017	110,000	510,000	395,000	1,015,000
2018	110,000	510,000	395,000	1,015,000
2019	110,000	510,000	395,000	1,015,000
2020	110,000	510,000	395,000	1,015,000
2021	110,000	510,000	395,000	1,015,000
2022	110,000	510,000	395,000	1,015,000
2023	110,000	510,000	395,000	1,015,000
2024	110,000	510,000	395,000	1,015,000
2025	110,000	510,000	395,000	1,015,000
2026	110,000	510,000	395,000	1,015,000
2027	110,000	510,000	395,000	1,015,000
2028	110,000	510,000	395,000	1,015,000
2029	110,000	510,000	395,000	1,015,000
2030	110,000	510,000	395,000	1,015,000
2031	110,000	510,000	395,000	1,015,000
2032	110,000	510,000	395,000	1,015,000
2033	110,000	510,000	395,000	1,015,000
2034	110,000	510,000	395,000	1,015,000
2035	-	510,000	395,000	905,000
2036	-	-	425,000	425,000
TOTAL:	$ 2,200,000	$ 10,200,000	$ 7,930,000	$ 20,330,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION A-1
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$7,524,742
State Reimbursement	($3,324,547)
Sub-total Net Cost	$4,200,195
Cost of Issuance	$200,000
Total Net Cost	$4,400,195

	Middle School Renovations		
DATE ISSUED:	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$2,900,000	$1,500,000	**$4,400,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2016	-	-	-
2017	145,000	-	145,000
2018	145,000	75,000	220,000
2019	145,000	75,000	220,000
2020	145,000	75,000	220,000
2021	145,000	75,000	220,000
2022	145,000	75,000	220,000
2023	145,000	75,000	220,000
2024	145,000	75,000	220,000
2025	145,000	75,000	220,000
2026	145,000	75,000	220,000
2027	145,000	75,000	220,000
2028	145,000	75,000	220,000
2029	145,000	75,000	220,000
2030	145,000	75,000	220,000
2031	145,000	75,000	220,000
2032	145,000	75,000	220,000
2033	145,000	75,000	220,000
2034	145,000	75,000	220,000
2035	145,000	75,000	220,000
2036	145,000	75,000	220,000
2037	-	75,000	75,000
TOTAL:	$ 2,900,000	$ 1,500,000	$ 4,400,000

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - OPTION A-2 (Enhanced)
STATE APPLICATION JUNE, 2012
DEBT SERVICE IMPACT

Fiscal Year	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2014 $5,000,000 Dated: 5/1/2014 Due: 5/1/2015 Interest @ 1.75%	Bonds 2014 $3,600,000 Dated: 5/1/2014 Due: 5/1/2015-34 Interest @ 3.50%	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $12,300,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Bonds 2016 $8,650,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Notes 2015 $2,900,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Notes 2016 $1,500,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $2,900,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $1,500,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	87,500	306,000	-	-	-	-	-	-	-	393,500	773,511	122,794	2014-15
2015-16		-	299,700	112,500	1,168,500	-	65,250	-	-	-	1,645,950	1,645,950	872,439	2015-16
2016-17	293,726	-	293,400	-	1,140,825	867,500	-	41,250	290,000	-	2,632,975	2,926,701	1,280,751	2016-17
2017-18	287,124	-	287,100	-	1,113,150	845,750	-	-	282,750	157,500	2,686,250	2,973,374	46,673	2017-18
2018-19	280,524	-	280,800	-	1,085,475	824,000	-	-	275,500	153,375	2,619,150	2,899,674	(73,700)	2018-19
2019-20	273,925	-	274,500	-	1,057,800	802,250	-	-	268,250	149,250	2,552,050	2,825,975	(73,699)	2019-20
2020-21	267,326	-	268,200	-	1,030,125	780,500	-	-	261,000	145,125	2,484,950	2,752,276	(73,699)	2020-21
2021-22	260,723	-	261,900	-	1,002,450	758,750	-	-	253,750	141,000	2,417,850	2,678,573	(73,703)	2021-22
2022-23	253,853	-	255,600	-	974,775	737,000	-	-	246,500	136,875	2,350,750	2,604,603	(73,970)	2022-23
2023-24	245,600	-	249,300	-	947,100	715,250	-	-	239,250	132,750	2,283,650	2,529,250	(75,353)	2023-24
2024-25	236,800	-	243,000	-	919,425	693,500	-	-	232,000	128,625	2,216,550	2,453,350	(75,900)	2024-25
2025-26	208,000	-	236,700	-	891,750	671,750	-	-	224,750	124,500	2,149,450	2,357,450	(95,900)	2025-26
2026-27	-	-	230,400	-	864,075	645,000	-	-	217,500	120,375	2,077,350	2,077,350	(280,100)	2026-27
2027-28	-	-	224,100	-	836,400	623,500	-	-	210,250	116,250	2,010,500	2,010,500	(66,850)	2027-28
2028-29	-	-	217,800	-	808,725	602,000	-	-	203,000	112,125	1,943,650	1,943,650	(66,850)	2028-29
2029-30	-	-	211,500	-	781,050	580,500	-	-	195,750	108,000	1,876,800	1,876,800	(66,850)	2029-30
2030-31	-	-	205,200	-	753,375	559,000	-	-	188,500	103,875	1,809,950	1,809,950	(66,850)	2030-31
2031-32	-	-	198,900	-	725,700	537,500	-	-	181,250	99,750	1,743,100	1,743,100	(66,850)	2031-32
2032-33	-	-	192,600	-	698,025	516,000	-	-	174,000	95,625	1,676,250	1,676,250	(66,850)	2032-33
2033-34	-	-	186,300	-	670,350	494,500	-	-	166,750	91,500	1,609,400	1,609,400	(66,850)	2033-34
2034-35	-	-	-	-	642,675	473,000	-	-	159,500	87,375	1,362,550	1,362,550	(246,850)	2034-35
2035-36	-	-	-	-	-	451,500	-	-	152,250	83,250	687,000	687,000	(675,550)	2035-36
2036-37	-	-	-	-	-	-	-	-	-	79,125	79,125	79,125	(607,875)	2036-37
	$ 5,345,327	$ 87,500	$ 4,923,000	$ 112,500	$ 18,111,750	$ 13,178,750	$ 65,250	$ 41,250	$ 4,422,500	$ 2,366,250	$ 43,308,750	$ 48,654,077		

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION A-2 (Enchanced)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$27,992,470
State Reimbursement	($3,717,563)
Sub-total Net Cost	$24,274,907
Cost of Issuance	$275,000
Total Net Cost	$24,549,907

	Elementary Schools			
DATE ISSUED:	5/1/2014	5/1/2015	5/1/2016	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$3,600,000	$12,300,000	$8,650,000	**$24,550,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2014	-	-	-	-
2015	180,000	-	-	180,000
2016	180,000	615,000	-	795,000
2017	180,000	615,000	435,000	1,230,000
2018	180,000	615,000	435,000	1,230,000
2019	180,000	615,000	435,000	1,230,000
2020	180,000	615,000	435,000	1,230,000
2021	180,000	615,000	435,000	1,230,000
2022	180,000	615,000	435,000	1,230,000
2023	180,000	615,000	435,000	1,230,000
2024	180,000	615,000	435,000	1,230,000
2025	180,000	615,000	435,000	1,230,000
2026	180,000	615,000	435,000	1,230,000
2027	180,000	615,000	430,000	1,225,000
2028	180,000	615,000	430,000	1,225,000
2029	180,000	615,000	430,000	1,225,000
2030	180,000	615,000	430,000	1,225,000
2031	180,000	615,000	430,000	1,225,000
2032	180,000	615,000	430,000	1,225,000
2033	180,000	615,000	430,000	1,225,000
2034	180,000	615,000	430,000	1,225,000
2035	-	615,000	430,000	1,045,000
2036	-	-	430,000	430,000
TOTAL:	$ 3,600,000	$ 12,300,000	$ 8,650,000	$ 24,550,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION A-2 (Enhanced)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$7,524,742
State Reimbursement	($3,324,547)
Sub-total Net Cost	$4,200,195
Cost of Issuance	$200,000
Total Net Cost	$4,400,195

	Middle School Renovations		
DATE ISSUED:	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$2,900,000	$1,500,000	**$4,400,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2016	-	-	-
2017	145,000	-	145,000
2018	145,000	75,000	220,000
2019	145,000	75,000	220,000
2020	145,000	75,000	220,000
2021	145,000	75,000	220,000
2022	145,000	75,000	220,000
2023	145,000	75,000	220,000
2024	145,000	75,000	220,000
2025	145,000	75,000	220,000
2026	145,000	75,000	220,000
2027	145,000	75,000	220,000
2028	145,000	75,000	220,000
2029	145,000	75,000	220,000
2030	145,000	75,000	220,000
2031	145,000	75,000	220,000
2032	145,000	75,000	220,000
2033	145,000	75,000	220,000
2034	145,000	75,000	220,000
2035	145,000	75,000	220,000
2036	145,000	75,000	220,000
2037	-	75,000	75,000
TOTAL:	$ 2,900,000	$ 1,500,000	$ 4,400,000

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION C

STATE APPLICATION JUNE, 2012

DEBT SERVICE IMPACT

Fiscal Year	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2014 $6,000,000 Dated: 5/1/2014 Due: 5/1/2015 Interest @ 1.75%	Bonds 2014 $7,500,000 Dated: 5/1/2014 Due: 5/1/2015-34 Interest @ 3.50%	Notes 2015 $9,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $16,500,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Bonds 2016 $14,600,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Notes 2015 $4,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Notes 2016 $2,060,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $4,000,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $2,060,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	105,000	637,500	-	-	-	-	-	-	-	742,500	1,122,511	471,794	2014-15
2015-16		-	624,375	202,500	1,567,500	-	90,000	-	-	-	2,484,375	2,484,375	1,361,864	2015-16
2016-17	293,726	-	611,250	-	1,530,375	1,460,000	-	56,650	400,000	-	4,058,275	4,352,001	1,867,626	2016-17
2017-18	287,124	-	598,125	-	1,493,250	1,423,500	-	-	390,000	228,300	4,133,175	4,420,299	68,298	2017-18
2018-19	280,524	-	585,000	-	1,456,125	1,387,000	-	-	380,000	211,975	4,020,100	4,300,624	(119,675)	2018-19
2019-20	273,925	-	571,875	-	1,419,000	1,350,500	-	-	370,000	206,200	3,917,575	4,191,500	(109,124)	2019-20
2020-21	267,326	-	558,750	-	1,381,875	1,314,000	-	-	360,000	200,425	3,815,050	4,082,376	(109,124)	2020-21
2021-22	260,723	-	545,625	-	1,344,750	1,277,500	-	-	350,000	194,650	3,712,525	3,973,248	(109,128)	2021-22
2022-23	253,853	-	532,500	-	1,307,625	1,241,000	-	-	340,000	188,875	3,610,000	3,863,853	(109,395)	2022-23
2023-24	245,600	-	519,375	-	1,270,500	1,204,500	-	-	330,000	183,100	3,507,475	3,753,075	(110,778)	2023-24
2024-25	236,800	-	506,250	-	1,233,375	1,168,000	-	-	320,000	177,325	3,404,950	3,641,750	(111,325)	2024-25
2025-26	208,000	-	493,125	-	1,196,250	1,131,500	-	-	310,000	171,550	3,302,425	3,510,425	(131,325)	2025-26
2026-27	-	-	480,000	-	1,159,125	1,095,000	-	-	300,000	165,775	3,199,900	3,199,900	(310,525)	2026-27
2027-28	-	-	466,875	-	1,122,000	1,058,500	-	-	290,000	155,000	3,092,375	3,092,375	(107,525)	2027-28
2028-29	-	-	453,750	-	1,084,875	1,022,000	-	-	280,000	149,500	2,990,125	2,990,125	(102,250)	2028-29
2029-30	-	-	440,625	-	1,047,750	985,500	-	-	270,000	144,000	2,887,875	2,887,875	(102,250)	2029-30
2030-31	-	-	427,500	-	1,010,625	949,000	-	-	260,000	138,500	2,785,625	2,785,625	(102,250)	2030-31
2031-32	-	-	414,375	-	973,500	912,500	-	-	250,000	133,000	2,683,375	2,683,375	(102,250)	2031-32
2032-33	-	-	401,250	-	936,375	876,000	-	-	240,000	127,500	2,581,125	2,581,125	(102,250)	2032-33
2033-34	-	-	388,125	-	899,250	839,500	-	-	230,000	122,000	2,478,875	2,478,875	(102,250)	2033-34
2034-35	-	-	-	-	862,125	803,000	-	-	220,000	116,500	2,001,625	2,001,625	(477,250)	2034-35
2035-36	-	-	-	-	-	766,500	-	-	210,000	111,000	1,087,500	1,087,500	(914,125)	2035-36
2036-37	-	-	-	-	-	-	-	-	-	105,500	105,500	105,500	(982,000)	2036-37
	$ 5,345,327	$ 105,000	$ 10,256,250	$ 202,500	$ 24,296,250	$ 22,265,000	$ 90,000	$ 56,650	$ 6,100,000	$ 3,230,675	$ 66,602,925	$ 71,947,652		

Gross Cost	$53,357,324
State Reimbursement	($15,017,937)
Sub-total Net Cost	$38,339,387
Cost of Issuance	$275,000
Total Net Cost	$38,614,387

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION C
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2014	5/1/2015	5/1/2016	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$7,500,000	$16,500,000	$14,600,000	**$38,600,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2014	-	-	-	-
2015	375,000	-	-	375,000
2016	375,000	825,000	-	1,200,000
2017	375,000	825,000	730,000	1,930,000
2018	375,000	825,000	730,000	1,930,000
2019	375,000	825,000	730,000	1,930,000
2020	375,000	825,000	730,000	1,930,000
2021	375,000	825,000	730,000	1,930,000
2022	375,000	825,000	730,000	1,930,000
2023	375,000	825,000	730,000	1,930,000
2024	375,000	825,000	730,000	1,930,000
2025	375,000	825,000	730,000	1,930,000
2026	375,000	825,000	730,000	1,930,000
2027	375,000	825,000	730,000	1,930,000
2028	375,000	825,000	730,000	1,930,000
2029	375,000	825,000	730,000	1,930,000
2030	375,000	825,000	730,000	1,930,000
2031	375,000	825,000	730,000	1,930,000
2032	375,000	825,000	730,000	1,930,000
2033	375,000	825,000	730,000	1,930,000
2034	375,000	825,000	730,000	1,930,000
2035	-	825,000	730,000	1,555,000
2036	-	-	730,000	730,000
TOTAL:	$ 7,500,000	$ 16,500,000	$ 14,600,000	$ 38,600,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION C
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$11,180,299
State Reimbursement	($5,322,393)
Sub-total Net Cost	$5,857,906
Cost of Issuance	$200,000
Total Net Cost	$6,057,906

	Middle School Renovations		
DATE ISSUED:	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$4,000,000	$2,060,000	**$6,060,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2016	-	-	-
2017	200,000	-	200,000
2018	200,000	115,000	315,000
2019	200,000	105,000	305,000
2020	200,000	105,000	305,000
2021	200,000	105,000	305,000
2022	200,000	105,000	305,000
2023	200,000	105,000	305,000
2024	200,000	105,000	305,000
2025	200,000	105,000	305,000
2026	200,000	105,000	305,000
2027	200,000	105,000	305,000
2028	200,000	100,000	300,000
2029	200,000	100,000	300,000
2030	200,000	100,000	300,000
2031	200,000	100,000	300,000
2032	200,000	100,000	300,000
2033	200,000	100,000	300,000
2034	200,000	100,000	300,000
2035	200,000	100,000	300,000
2036	200,000	100,000	300,000
2037	-	100,000	100,000
TOTAL:	$ 4,000,000	$ 2,060,000	$ 6,060,000

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION E (750 Students)

STATE APPLICATION JUNE, 2012

DEBT SERVICE IMPACT

Fiscal Year	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2014 $5,000,000 Dated: 5/1/2014 Due: 5/1/2015 Interest @ 1.75%	Bonds 2014 $5,100,000 Dated: 5/1/2014 Due: 5/1/2015-34 Interest @ 3.50%	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $15,100,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Bonds 2016 $9,100,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Notes 2015 $3,900,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Notes 2016 $2,150,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $3,900,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $2,150,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	87,500	433,500	-	-	-	-	-	-	-	521,000	901,011	250,294	2014-15
2015-16		-	424,575	112,500	1,434,500	-	87,750	-	-	-	2,059,325	2,059,325	1,158,314	2015-16
2016-17	293,726	-	415,650	-	1,400,525	910,000	-	59,125	390,000	-	3,175,300	3,469,026	1,409,701	2016-17
2017-18	287,124	-	406,725	-	1,366,550	887,250	-	-	380,250	228,250	3,269,025	3,556,149	87,123	2017-18
2018-19	280,524	-	397,800	-	1,332,575	864,500	-	-	370,500	222,200	3,187,575	3,468,099	(88,050)	2018-19
2019-20	273,925	-	388,875	-	1,298,600	841,750	-	-	360,750	216,150	3,106,125	3,380,050	(88,049)	2019-20
2020-21	267,326	-	379,950	-	1,264,625	819,000	-	-	351,000	210,100	3,024,675	3,292,001	(88,049)	2020-21
2021-22	260,723	-	371,025	-	1,230,650	796,250	-	-	341,250	204,050	2,943,225	3,203,948	(88,053)	2021-22
2022-23	253,853	-	362,100	-	1,196,675	773,500	-	-	331,500	198,000	2,861,775	3,115,628	(88,320)	2022-23
2023-24	245,600	-	353,175	-	1,162,700	750,750	-	-	321,750	191,950	2,780,325	3,025,925	(89,703)	2023-24
2024-25	236,800	-	344,250	-	1,128,725	728,000	-	-	312,000	185,900	2,698,875	2,935,675	(90,250)	2024-25
2025-26	208,000	-	335,325	-	1,094,750	705,250	-	-	302,250	179,850	2,617,425	2,825,425	(110,250)	2025-26
2026-27	-	-	326,400	-	1,060,775	682,500	-	-	292,500	173,800	2,535,975	2,535,975	(289,450)	2026-27
2027-28	-	-	317,475	-	1,026,800	659,750	-	-	282,750	162,750	2,449,525	2,449,525	(86,450)	2027-28
2028-29	-	-	308,550	-	992,825	637,000	-	-	273,000	156,975	2,368,350	2,368,350	(81,175)	2028-29
2029-30	-	-	299,625	-	958,850	614,250	-	-	263,250	151,200	2,287,175	2,287,175	(81,175)	2029-30
2030-31	-	-	290,700	-	924,875	591,500	-	-	253,500	145,425	2,206,000	2,206,000	(81,175)	2030-31
2031-32	-	-	281,775	-	890,900	568,750	-	-	243,750	139,650	2,124,825	2,124,825	(81,175)	2031-32
2032-33	-	-	272,850	-	856,925	546,000	-	-	234,000	133,875	2,043,650	2,043,650	(81,175)	2032-33
2033-34	-	-	263,925	-	822,950	523,250	-	-	224,250	128,100	1,962,475	1,962,475	(81,175)	2033-34
2034-35	-	-	-	-	788,975	500,500	-	-	214,500	122,325	1,626,300	1,626,300	(336,175)	2034-35
2035-36	-	-	-	-	-	477,750	-	-	204,750	116,550	799,050	799,050	(827,250)	2035-36
2036-37	-	-	-	-	-	-	-	-	-	110,775	110,775	110,775	(688,275)	2036-37
	$ 5,345,327	$ 87,500	$ 6,974,250	$ 112,500	$ 22,234,750	$ 13,877,500	$ 87,750	$ 59,125	$ 5,947,500	$ 3,377,875	$ 52,758,750	$ 58,104,077		

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION E (750 Students)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$52,618,688
State Reimbursement	($23,603,417)
Sub-total Net Cost	$29,015,271
Cost of Issuance	$275,000
Total Net Cost	$29,290,271

	Elementary Schools			
DATE ISSUED:	5/1/2014	5/1/2015	5/1/2016	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$5,100,000	$15,100,000	$9,100,000	**$29,300,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2014	-	-	-	-
2015	255,000	-	-	255,000
2016	255,000	755,000	-	1,010,000
2017	255,000	755,000	455,000	1,465,000
2018	255,000	755,000	455,000	1,465,000
2019	255,000	755,000	455,000	1,465,000
2020	255,000	755,000	455,000	1,465,000
2021	255,000	755,000	455,000	1,465,000
2022	255,000	755,000	455,000	1,465,000
2023	255,000	755,000	455,000	1,465,000
2024	255,000	755,000	455,000	1,465,000
2025	255,000	755,000	455,000	1,465,000
2026	255,000	755,000	455,000	1,465,000
2027	255,000	755,000	455,000	1,465,000
2028	255,000	755,000	455,000	1,465,000
2029	255,000	755,000	455,000	1,465,000
2030	255,000	755,000	455,000	1,465,000
2031	255,000	755,000	455,000	1,465,000
2032	255,000	755,000	455,000	1,465,000
2033	255,000	755,000	455,000	1,465,000
2034	255,000	755,000	455,000	1,465,000
2035	-	755,000	455,000	1,210,000
2036	-	-	455,000	455,000
TOTAL:	$ 5,100,000	$ 15,100,000	$ 9,100,000	$ 29,300,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION E (750 Students)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$11,180,299
State Reimbursement	($5,322,393)
Sub-total Net Cost	$5,857,906
Cost of Issuance	$200,000
Total Net Cost	$6,057,906

	Middle School Renovations		
DATE ISSUED:	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$3,900,000	$2,150,000	**$6,050,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2016	-	-	-
2017	195,000	-	195,000
2018	195,000	110,000	305,000
2019	195,000	110,000	305,000
2020	195,000	110,000	305,000
2021	195,000	110,000	305,000
2022	195,000	110,000	305,000
2023	195,000	110,000	305,000
2024	195,000	110,000	305,000
2025	195,000	110,000	305,000
2026	195,000	110,000	305,000
2027	195,000	110,000	305,000
2028	195,000	105,000	300,000
2029	195,000	105,000	300,000
2030	195,000	105,000	300,000
2031	195,000	105,000	300,000
2032	195,000	105,000	300,000
2033	195,000	105,000	300,000
2034	195,000	105,000	300,000
2035	195,000	105,000	300,000
2036	195,000	105,000	300,000
2037	-	105,000	105,000
TOTAL:	$ 3,900,000	$ 2,150,000	$ 6,050,000

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION E (700 Students)

STATE APPLICATION JUNE, 2012

DEBT SERVICE IMPACT

Fiscal Year	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2014 $5,000,000 Dated: 5/1/2014 Due: 5/1/2015 Interest @ 1.75%	Bonds 2014 $4,100,000 Dated: 5/1/2014 Due: 5/1/2015-34 Interest @ 3.50%	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $14,100,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Bonds 2016 $8,100,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Notes 2015 $3,900,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Notes 2016 $2,150,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $3,900,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $2,100,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	87,500	348,500	-	-	-	-	-	-	-	436,000	816,011	165,294	2014-15
2015-16		-	341,325	112,500	1,341,750	-	87,750	-	-	-	1,883,325	1,883,325	1,067,314	2015-16
2016-17	293,726	-	334,150	-	1,310,025	810,000	-	59,125	390,000	-	2,903,300	3,197,026	1,313,701	2016-17
2017-18	287,124	-	326,975	-	1,278,300	789,750	-	-	380,250	220,500	2,995,775	3,282,899	85,873	2017-18
2018-19	280,524	-	319,800	-	1,246,575	769,500	-	-	370,500	214,725	2,971,100	3,201,624	(81,275)	2018-19
2019-20	273,925	-	312,625	-	1,214,850	749,250	-	-	360,750	208,950	2,846,425	3,120,350	(81,274)	2019-20
2020-21	267,326	-	305,450	-	1,183,125	729,000	-	-	351,000	203,175	2,771,750	3,039,076	(81,274)	2020-21
2021-22	260,723	-	298,275	-	1,151,400	708,750	-	-	341,250	197,400	2,697,075	2,957,798	(81,278)	2021-22
2022-23	253,853	-	291,100	-	1,119,675	688,500	-	-	331,500	191,625	2,622,400	2,876,253	(81,545)	2022-23
2023-24	245,600	-	283,925	-	1,087,950	668,250	-	-	321,750	185,850	2,547,725	2,793,325	(82,928)	2023-24
2024-25	236,800	-	276,750	-	1,056,225	648,000	-	-	312,000	180,075	2,473,050	2,709,850	(83,475)	2024-25
2025-26	208,000	-	269,575	-	1,024,500	627,750	-	-	302,250	174,300	2,398,375	2,606,375	(103,475)	2025-26
2026-27	-	-	262,400	-	992,775	607,500	-	-	292,500	168,525	2,323,700	2,323,700	(282,675)	2026-27
2027-28	-	-	255,225	-	961,050	587,250	-	-	282,750	162,750	2,249,025	2,249,025	(74,675)	2027-28
2028-29	-	-	248,050	-	929,325	567,000	-	-	273,000	156,975	2,174,350	2,174,350	(74,675)	2028-29
2029-30	-	-	240,875	-	897,600	546,750	-	-	263,250	151,200	2,099,675	2,099,675	(74,675)	2029-30
2030-31	-	-	233,700	-	865,875	526,500	-	-	253,500	145,425	2,025,000	2,025,000	(74,675)	2030-31
2031-32	-	-	226,525	-	834,150	506,250	-	-	243,750	139,650	1,950,325	1,950,325	(74,675)	2031-32
2032-33	-	-	219,350	-	802,425	486,000	-	-	234,000	133,875	1,875,650	1,875,650	(74,675)	2032-33
2033-34	-	-	212,175	-	770,700	465,750	-	-	224,250	128,100	1,800,975	1,800,975	(74,675)	2033-34
2034-35	-	-	-	-	788,975	445,500	-	-	214,500	122,325	1,571,300	1,571,300	(229,675)	2034-35
2035-36	-	-	-	-	-	425,250	-	-	204,750	116,550	746,550	746,550	(824,750)	2035-36
2036-37	-	-	-	-	-	-	-	-		110,775	110,775	110,775	(635,775)	2036-37
	$ 5,345,327	$ 87,500	$ 5,606,750	$ 112,500	$ 20,857,250	$ 12,352,500	$ 87,750	$ 59,125	$ 5,947,500	$ 3,312,750	$ 48,423,625	$ 53,768,952		

Gross Cost	$50,181,990
State Reimbursement	($24,160,744)
Sub-total Net Cost	$26,021,246
Cost of Issuance	$275,000
Total Net Cost	$26,296,246

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION E (700 Students)
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2014	5/1/2015	5/1/2016	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$4,100,000	$14,100,000	$8,100,000	**$26,300,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2014	-	-	-	-
2015	205,000	-	-	205,000
2016	205,000	705,000	-	910,000
2017	205,000	705,000	405,000	1,315,000
2018	205,000	705,000	405,000	1,315,000
2019	205,000	705,000	405,000	1,315,000
2020	205,000	705,000	405,000	1,315,000
2021	205,000	705,000	405,000	1,315,000
2022	205,000	705,000	405,000	1,315,000
2023	205,000	705,000	405,000	1,315,000
2024	205,000	705,000	405,000	1,315,000
2025	205,000	705,000	405,000	1,315,000
2026	205,000	705,000	405,000	1,315,000
2027	205,000	705,000	405,000	1,315,000
2028	205,000	705,000	405,000	1,315,000
2029	205,000	705,000	405,000	1,315,000
2030	205,000	705,000	405,000	1,315,000
2031	205,000	705,000	405,000	1,315,000
2032	205,000	705,000	405,000	1,315,000
2033	205,000	705,000	405,000	1,315,000
2034	205,000	705,000	405,000	1,315,000
2035	-	705,000	405,000	1,110,000
2036	-	-	405,000	405,000
TOTAL:	$ 4,100,000	$ 14,100,000	$ 8,100,000	$ 26,300,000

Gross Cost	$11,180,299
State Reimbursement	($5,384,281)
Sub-total Net Cost	$5,796,018
Cost of Issuance	$200,000
Total Net Cost	$5,996,018

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION E (700 Students)
PRINCIPAL PAYMENT SCHEDULE

	Middle School Renovations		
DATE ISSUED:	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$3,900,000	$2,100,000	**$6,000,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2016	-	-	-
2017	195,000	-	195,000
2018	195,000	105,000	300,000
2019	195,000	105,000	300,000
2020	195,000	105,000	300,000
2021	195,000	105,000	300,000
2022	195,000	105,000	300,000
2023	195,000	105,000	300,000
2024	195,000	105,000	300,000
2025	195,000	105,000	300,000
2026	195,000	105,000	300,000
2027	195,000	105,000	300,000
2028	195,000	105,000	300,000
2029	195,000	105,000	300,000
2030	195,000	105,000	300,000
2031	195,000	105,000	300,000
2032	195,000	105,000	300,000
2033	195,000	105,000	300,000
2034	195,000	105,000	300,000
2035	195,000	105,000	300,000
2036	195,000	105,000	300,000
2037	-	105,000	105,000
TOTAL:	$ 3,900,000	$ 2,100,000	$ 6,000,000

TOWN OF MANSFIELD, CT

PRO FORMA FINANCING PLAN

PROPOSED SCHOOL BUILDING PROJECTS

STATE APPLICATION - JUNE 2013

January 23, 2012

MADISON, CONNECTICUT

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - MULTIPLE OPTIONS
STATE APPLICATION JUNE, 2013
ASSUMPTIONS

ASSUMPTIONS

- Amortization term for School projects is 20 years.
- Short-term interest not capitalized into project and assumed to be paid through operating budget.
- Issuance cost for all bonds & notes to be capitalized into note/bond issues.
- All rates are based on market as of 1/19/2012 and adjusted as follows:

Issue Date	Notes	Bonds
1/19/2011 (Mkt)	0.25%	2.50%
May-2015	Mkt + 200 bps	Mkt + 200 bps
May-2016	Mkt + 250 bps	Mkt + 250 bps
May-2017	Mkt + 300 bps	Mkt +300 bps
May-2018	-	Mkt +350 bps

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - MULTIPLE OPTIONS
STATE APPLICATION JUNE, 2013
DEBT SERVICE IMPACT SUMMARY

Option	Net Cost to Mansfield	Total P&I Cost	Peak Debt Service (Fiscal Year)	Peak Debt Service (Dollars)	Change in Debt Service from Current Year to Peak Year
Baseline	$20,953,615	$33,564,238	2018-19	$2,396,349	$1,533,882
A	$24,981,944	$39,810,188	2018-19	$2,779,299	$1,916,832
A (Enchanced)	$29,331,108	$46,390,188	2018-19	$3,195,149	$2,332,682
C	$45,136,482	$70,875,175	2018-19	$4,733,399	$3,870,932
E (750 students)	$35,874,006	$56,496,325	2018-19	$3,819,574	$2,957,107
E (700 students)	$32,720,286	$51,740,000	2018-19	$3,248,400	$2,385,933

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - BASELINE OPTION

STATE APPLICATION JUNE, 2013

DEBT SERVICE IMPACT

		Proposed Elementary Schools					Proposed Middle School Renovations							
	Existing General Fund Debt Service	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $2,530,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Notes 2016 $5,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $8,000,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $7,855,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Notes 2016 $1,500,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Notes 2017 $1,545,000 Dated: 5/1/2017 Due: 5/1/2018 Interest @ 3.25%	Bonds 2017 $1,500,000 Dated: 5/1/2017 Due: 5/1/2018-2037 Interest @ 5.50%	Bonds 2018 $1,545,000 Dated: 5/1/2018 Due: 5/1/2019-38 Interest @ 6.00%	Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	
Fiscal LICATION -	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	Fiscal Year
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-	-	844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-	-	650,717	(193,814)	2013-14
2014-15	380,011	-	-	-	-	-	-	-	-	-	-	380,011	(270,706)	2014-15
2015-16	300,324	112,500	238,850	-	-	-	-	-	-	-	651,350	651,674	271,663	2015-16
2016-17	293,726	-	233,225	137,500	800,000	-	41,250	-	-	-	1,211,975	1,505,701	854,027	2016-17
2017-18	287,124	-	227,600	-	780,000	782,025	-	50,213	157,500	-	1,997,338	2,284,462	778,761	2017-18
2018-19	280,524	-	221,975	-	760,000	807,775	-	-	153,375	172,700	2,115,825	2,396,349	111,888	2018-19
2019-20	273,925	-	216,350	-	740,000	786,050	-	-	149,250	167,900	2,059,550	2,333,475	(62,874)	2019-20
2020-21	267,326	-	210,725	-	720,000	764,325	-	-	145,125	163,100	2,003,275	2,270,601	(62,874)	2020-21
2021-22	260,723	-	205,100	-	700,000	742,600	-	-	141,000	158,300	1,947,000	2,207,723	(62,878)	2021-22
2022-23	253,853	-	199,475	-	680,000	720,875	-	-	136,875	153,500	1,890,725	2,144,578	(63,145)	2022-23
2023-24	245,600	-	193,850	-	660,000	699,150	-	-	132,750	148,700	1,834,450	2,080,050	(64,528)	2023-24
2024-25	236,800	-	188,225	-	640,000	677,425	-	-	128,625	143,900	1,778,175	2,014,975	(65,075)	2024-25
2025-26	208,000	-	182,600	-	620,000	655,700	-	-	124,500	139,100	1,721,900	1,929,900	(85,075)	2025-26
2026-27	-	-	176,975	-	600,000	633,975	-	-	120,375	134,300	1,665,625	1,665,625	(264,275)	2026-27
2027-28	-	-	171,350	-	580,000	612,250	-	-	116,250	124,500	1,604,350	1,604,350	(61,275)	2027-28
2028-29	-	-	165,725	-	560,000	590,525	-	-	112,125	120,000	1,548,375	1,548,375	(55,975)	2028-29
2029-30	-	-	160,100	-	540,000	568,800	-	-	108,000	115,500	1,492,400	1,492,400	(55,975)	2029-30
2030-31	-	-	154,475	-	520,000	547,075	-	-	103,875	111,000	1,436,425	1,436,425	(55,975)	2030-31
2031-32	-	-	148,850	-	500,000	525,350	-	-	99,750	106,500	1,380,450	1,380,450	(55,975)	2031-32
2032-33	-	-	143,225	-	480,000	503,625	-	-	95,625	102,000	1,324,475	1,324,475	(55,975)	2032-33
2033-34	-	-	137,600	-	460,000	481,900	-	-	91,500	97,500	1,268,500	1,268,500	(55,975)	2033-34
2034-35	-	-	161,975	-	440,000	460,175	-	-	87,375	93,000	1,242,525	1,242,525	(25,975)	2034-35
2035-36	-	-	-	-	420,000	438,450	-	-	83,250	88,500	1,030,200	1,030,200	(212,325)	2035-36
2036-37	-	-	-	-	-	416,725	-	-	79,125	84,000	579,850	579,850	(450,350)	2036-37
2037-38	-	-	-	-	-	-	-	-	-	79,500	79,500	79,500	(500,350)	2037-38
	$ 5,645,651	$ 112,500	$ 3,738,250	$ 137,500	$ 12,200,000	$ 12,414,775	$ 41,250	$ 50,213	$ 2,366,250	$ 2,503,500	$ 33,564,238	$ 39,209,889		

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - BASELINE OPTION
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$21,120,337
State Reimbursement	($3,011,109)
Sub-total Net Cost	$18,109,228
Cost of Issuance	$275,000
Total Net Cost	$18,384,228

	Elementary Schools			
DATE ISSUED:	5/1/2015	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$2,530,000	$8,000,000	$7,855,000	**$18,385,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL	
2015	-	-	-	-	172,700.00
2016	125,000	-	-	125,000	167,900.00
2017	125,000	400,000	-	525,000	163,100.00
2018	125,000	400,000	350,000	875,000	158,300.00
2019	125,000	400,000	395,000	920,000	153,500.00
2020	125,000	400,000	395,000	920,000	148,700.00
2021	125,000	400,000	395,000	920,000	143,900.00
2022	125,000	400,000	395,000	920,000	139,100.00
2023	125,000	400,000	395,000	920,000	134,300.00
2024	125,000	400,000	395,000	920,000	124,500.00
2025	125,000	400,000	395,000	920,000	120,000.00
2026	125,000	400,000	395,000	920,000	115,500.00
2027	125,000	400,000	395,000	920,000	111,000.00
2028	125,000	400,000	395,000	920,000	106,500.00
2029	125,000	400,000	395,000	920,000	102,000.00
2030	125,000	400,000	395,000	920,000	97,500.00
2031	125,000	400,000	395,000	920,000	93,000.00
2032	125,000	400,000	395,000	920,000	88,500.00
2033	125,000	400,000	395,000	920,000	84,000.00
2034	125,000	400,000	395,000	920,000	79,500.00
2035	155,000	400,000	395,000	950,000	
2036	-	400,000	395,000	795,000	
2037	-	-	395,000	395,000	
TOTAL:	$ 2,530,000	$ 8,000,000	$ 7,855,000	$ 18,385,000	

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - BASELINE OPTION
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$5,095,782
State Reimbursement	($2,251,395)
Sub-total Net Cost	$2,844,387
Cost of Issuance	$200,000
Total Net Cost	$3,044,387

	Middle School Renovations		
DATE ISSUED:	5/1/2017	5/1/2018	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$1,500,000	$1,545,000	**$3,045,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL	
2017	-	-	-	172,700.00
2018	75,000	-	75,000	167,900.00
2019	75,000	80,000	155,000	163,100.00
2020	75,000	80,000	155,000	158,300.00
2021	75,000	80,000	155,000	153,500.00
2022	75,000	80,000	155,000	148,700.00
2023	75,000	80,000	155,000	143,900.00
2024	75,000	80,000	155,000	139,100.00
2025	75,000	80,000	155,000	134,300.00
2026	75,000	80,000	155,000	124,500.00
2027	75,000	80,000	155,000	120,000.00
2028	75,000	75,000	150,000	115,500.00
2029	75,000	75,000	150,000	111,000.00
2030	75,000	75,000	150,000	106,500.00
2031	75,000	75,000	150,000	102,000.00
2032	75,000	75,000	150,000	97,500.00
2033	75,000	75,000	150,000	93,000.00
2034	75,000	75,000	150,000	88,500.00
2035	75,000	75,000	150,000	84,000.00
2036	75,000	75,000	150,000	79,500.00
2037	75,000	75,000	150,000	
2038	-	75,000	75,000	
TOTAL:	$ 1,500,000	$ 1,545,000	$ 3,045,000	

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION A-1

STATE APPLICATION JUNE, 2013

DEBT SERVICE IMPACT

Fiscal	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal
		Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $2,800,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Notes 2016 $5,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $10,200,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $7,930,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Notes 2016 $3,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Notes 2017 $1,525,000 Dated: 5/1/2017 Due: 5/1/2018 Interest @ 3.25%	Bonds 2017 $3,000,000 Dated: 5/1/2017 Due: 5/1/2018-2037 Interest @ 5.50%	Bonds 2018 $1,525,000 Dated: 5/1/2018 Due: 5/1/2019-38 Interest @ 6.00%				
LICATION -	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	Year
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	-	-	-	-	-	-	-	-	-		380,011	(270,706)	2014-15
2015-16	300,324	112,500	266,000	-	-	-	-	-	-	-	378,500	678,824	298,813	2015-16
2016-17	293,726	-	259,700	137,500	1,020,000	-	82,500	-	-	-	1,499,700	1,793,426	1,114,602	2016-17
2017-18	287,124	-	253,400	-	994,500	831,150	-	41,938	315,000	-	2,435,988	2,723,112	929,686	2017-18
2018-19	280,524	-	247,100	-	969,000	809,425	-	-	306,750	166,500	2,498,775	2,779,299	56,188	2018-19
2019-20	273,925	-	240,800	-	943,500	787,700	-	-	298,500	162,000	2,432,500	2,706,425	(72,874)	2019-20
2020-21	267,326	-	234,500	-	918,000	765,975	-	-	290,250	157,500	2,366,225	2,633,551	(72,874)	2020-21
2021-22	260,723	-	228,200	-	892,500	744,250	-	-	282,000	153,000	2,299,950	2,560,673	(72,878)	2021-22
2022-23	253,853	-	221,900	-	867,000	722,525	-	-	273,750	148,500	2,233,675	2,487,528	(73,145)	2022-23
2023-24	245,600	-	215,600	-	841,500	700,800	-	-	265,500	144,000	2,167,400	2,413,000	(74,528)	2023-24
2024-25	236,800	-	209,300	-	816,000	679,075	-	-	257,250	139,500	2,101,125	2,337,925	(75,075)	2024-25
2025-26	208,000	-	203,000	-	790,500	657,350	-	-	249,000	135,000	2,034,850	2,242,850	(95,075)	2025-26
2026-27	-	-	196,700	-	765,000	635,625	-	-	240,750	130,500	1,968,575	1,968,575	(274,275)	2026-27
2027-28	-	-	190,400	-	739,500	613,900	-	-	232,500	126,000	1,902,300	1,902,300	(66,275)	2027-28
2028-29	-	-	184,100	-	714,000	592,175	-	-	224,250	121,500	1,836,025	1,836,025	(66,275)	2028-29
2029-30	-	-	177,800	-	688,500	570,450	-	-	216,000	117,000	1,769,750	1,769,750	(66,275)	2029-30
2030-31	-	-	171,500	-	663,000	548,725	-	-	207,750	112,500	1,703,475	1,703,475	(66,275)	2030-31
2031-32	-	-	165,200	-	637,500	527,000	-	-	199,500	108,000	1,637,200	1,637,200	(66,275)	2031-32
2032-33	-	-	158,900	-	612,000	505,275	-	-	191,250	103,500	1,570,925	1,570,925	(66,275)	2032-33
2033-34	-	-	152,600	-	586,500	483,550	-	-	183,000	99,000	1,504,650	1,504,650	(66,275)	2033-34
2034-35	-	-	146,300	-	561,000	461,825	-	-	174,750	94,500	1,438,375	1,438,375	(66,275)	2034-35
2035-36	-	-	-	-	535,500	440,100	-	-	166,500	90,000	1,232,100	1,232,100	(206,275)	2035-36
2036-37	-	-	-	-	-	448,375	-	-	158,250	85,500	692,125	692,125	(539,975)	2036-37
2037-38	-	-	-	-	-	-	-	-	-	106,000	106,000	106,000	(586,125)	2037-38
	$ 5,645,651	$ 112,500	$ 4,123,000	$ 137,500	$ 15,555,000	$ 12,525,250	$ 82,500	$ 41,938	$ 4,732,500	$ 2,500,000	$ 39,810,188	$ 45,455,839		

Gross Cost	$24,094,909
State Reimbursement	($3,436,257)
Sub-total Net Cost	$20,658,652
Cost of Issuance	$275,000
Total Net Cost	$20,933,652

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION A-1
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2015	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$2,800,000	$10,200,000	$7,930,000	**$20,930,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2015	-	-	-	-
2016	140,000	-	-	140,000
2017	140,000	510,000	-	650,000
2018	140,000	510,000	395,000	1,045,000
2019	140,000	510,000	395,000	1,045,000
2020	140,000	510,000	395,000	1,045,000
2021	140,000	510,000	395,000	1,045,000
2022	140,000	510,000	395,000	1,045,000
2023	140,000	510,000	395,000	1,045,000
2024	140,000	510,000	395,000	1,045,000
2025	140,000	510,000	395,000	1,045,000
2026	140,000	510,000	395,000	1,045,000
2027	140,000	510,000	395,000	1,045,000
2028	140,000	510,000	395,000	1,045,000
2029	140,000	510,000	395,000	1,045,000
2030	140,000	510,000	395,000	1,045,000
2031	140,000	510,000	395,000	1,045,000
2032	140,000	510,000	395,000	1,045,000
2033	140,000	510,000	395,000	1,045,000
2034	140,000	510,000	395,000	1,045,000
2035	140,000	510,000	395,000	1,045,000
2036	-	510,000	395,000	905,000
2037	-	-	425,000	425,000
TOTAL:	$ 2,800,000	$ 10,200,000	$ 7,930,000	$ 20,930,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION A-1
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$7,745,272
State Reimbursement	($3,421,980)
Sub-total Net Cost	$4,323,292
Cost of Issuance	$200,000
Total Net Cost	$4,523,292

	Middle School Renovations		
DATE ISSUED:	5/1/2017	5/1/2018	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$3,000,000	$1,525,000	**$4,525,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2017	-	-	-
2018	150,000	-	150,000
2019	150,000	75,000	225,000
2020	150,000	75,000	225,000
2021	150,000	75,000	225,000
2022	150,000	75,000	225,000
2023	150,000	75,000	225,000
2024	150,000	75,000	225,000
2025	150,000	75,000	225,000
2026	150,000	75,000	225,000
2027	150,000	75,000	225,000
2028	150,000	75,000	225,000
2029	150,000	75,000	225,000
2030	150,000	75,000	225,000
2031	150,000	75,000	225,000
2032	150,000	75,000	225,000
2033	150,000	75,000	225,000
2034	150,000	75,000	225,000
2035	150,000	75,000	225,000
2036	150,000	75,000	225,000
2037	150,000	75,000	225,000
2038	-	100,000	100,000
TOTAL:	$ 3,000,000	$ 1,525,000	$ 4,525,000

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - OPTION A-2 (Enhanced)
STATE APPLICATION JUNE, 2013
DEBT SERVICE IMPACT

Fiscal YEAR -	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal Year
		Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $4,350,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Notes 2016 $5,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $12,300,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $8,650,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Notes 2016 $3,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Notes 2017 $1,525,000 Dated: 5/1/2017 Due: 5/1/2018 Interest @ 3.25%	Bonds 2017 $3,000,000 Dated: 5/1/2017 Due: 5/1/2018-2037 Interest @ 5.50%	Bonds 2018 $1,525,000 Dated: 5/1/2018 Due: 5/1/2019-38 Interest @ 6.00%				
	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-	-	844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-	-	650,717	(193,814)	2013-14
2014-15	380,011	-	-	-	-	-	-	-	-	-	-	380,011	(270,706)	2014-15
2015-16	300,324	112,500	415,750	-	-	-	-	-	-	-	528,250	828,574	448,563	2015-16
2016-17	293,726	-	405,850	137,500	1,230,000	-	82,500	-	-	-	1,855,850	2,149,576	1,321,002	2016-17
2017-18	287,124	-	395,950	-	1,199,250	910,750	-	41,938	315,000	-	2,962,888	3,150,012	1,000,436	2017-18
2018-19	280,524	-	386,050	-	1,168,500	886,825	-	-	306,750	166,500	2,914,625	3,195,149	45,138	2018-19
2019-20	273,925	-	376,150	-	1,137,750	862,900	-	-	298,500	162,000	2,837,300	3,111,225	(83,924)	2019-20
2020-21	267,326	-	366,250	-	1,107,000	838,975	-	-	290,250	157,500	2,759,975	3,027,301	(83,924)	2020-21
2021-22	260,723	-	356,350	-	1,076,250	815,050	-	-	282,000	153,000	2,682,650	2,943,373	(83,928)	2021-22
2022-23	253,853	-	346,450	-	1,045,500	791,125	-	-	273,750	148,500	2,605,325	2,859,178	(84,195)	2022-23
2023-24	245,500	-	336,550	-	1,014,750	767,200	-	-	265,500	144,000	2,528,000	2,773,600	(85,578)	2023-24
2024-25	236,800	-	326,650	-	984,000	743,275	-	-	257,250	139,500	2,450,675	2,687,475	(86,125)	2024-25
2025-26	208,000	-	311,750	-	953,250	719,350	-	-	249,000	135,000	2,368,350	2,576,350	(111,125)	2025-26
2026-27	-	-	302,075	-	922,500	695,425	-	-	240,750	130,500	2,291,250	2,291,250	(285,100)	2026-27
2027-28	-	-	292,400	-	891,750	666,500	-	-	232,500	126,000	2,209,150	2,209,150	(82,100)	2027-28
2028-29	-	-	282,725	-	861,000	642,850	-	-	224,250	121,500	2,132,325	2,132,325	(76,825)	2028-29
2029-30	-	-	273,050	-	830,250	619,200	-	-	216,000	117,000	2,055,500	2,055,500	(76,825)	2029-30
2030-31	-	-	263,375	-	799,500	595,550	-	-	207,750	112,500	1,978,675	1,978,675	(76,825)	2030-31
2031-32	-	-	253,700	-	768,750	571,900	-	-	199,500	108,000	1,901,850	1,901,850	(76,825)	2031-32
2032-33	-	-	244,025	-	738,000	548,250	-	-	191,250	103,500	1,825,025	1,825,025	(76,825)	2032-33
2033-34	-	-	234,350	-	707,250	524,600	-	-	183,000	99,000	1,748,200	1,748,200	(76,825)	2033-34
2034-35	-	-	224,675	-	676,500	500,950	-	-	174,750	94,500	1,671,375	1,671,375	(76,825)	2034-35
2035-36	-	-	-	-	645,750	477,300	-	-	166,500	90,000	1,379,550	1,379,550	(291,825)	2035-36
2036-37	-	-	-	-	-	453,650	-	-	158,250	85,500	697,400	697,400	(682,150)	2036-37
2037-38	-	-	-	-	-	-	-	-	-	106,000	106,000	106,000	(591,400)	2037-38
	$ 5,645,651	$ 112,500	$ 6,394,125	$ 137,500	$ 18,757,500	$ 13,631,625	$ 82,500	$ 41,938	$ 4,732,500	$ 2,500,000	$ 46,390,188	$ 52,035,839		

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION A-2 (Enchanced)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$28,837,621
State Reimbursement	($3,829,804)
Sub-total Net Cost	$25,007,817
Cost of Issuance	$275,000
Total Net Cost	$25,282,817

	Elementary Schools			
DATE ISSUED:	5/1/2015	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$4,350,000	$12,300,000	$8,650,000	**$25,300,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2015	-	-	-	-
2016	220,000	-	-	220,000
2017	220,000	615,000	-	835,000
2018	220,000	615,000	435,000	1,270,000
2019	220,000	615,000	435,000	1,270,000
2020	220,000	615,000	435,000	1,270,000
2021	220,000	615,000	435,000	1,270,000
2022	220,000	615,000	435,000	1,270,000
2023	220,000	615,000	435,000	1,270,000
2024	220,000	615,000	435,000	1,270,000
2025	220,000	615,000	435,000	1,270,000
2026	215,000	615,000	435,000	1,265,000
2027	215,000	615,000	435,000	1,265,000
2028	215,000	615,000	430,000	1,260,000
2029	215,000	615,000	430,000	1,260,000
2030	215,000	615,000	430,000	1,260,000
2031	215,000	615,000	430,000	1,260,000
2032	215,000	615,000	430,000	1,260,000
2033	215,000	615,000	430,000	1,260,000
2034	215,000	615,000	430,000	1,260,000
2035	215,000	615,000	430,000	1,260,000
2036	-	615,000	430,000	1,045,000
2037	-	-	430,000	430,000
TOTAL:	$ 4,350,000	$ 12,300,000	$ 8,650,000	$ 25,300,000

Gross Cost	$7,745,272
State Reimbursement	($3,421,980)
Sub-total Net Cost	$4,323,292
Cost of Issuance	$200,000
Total Net Cost	$4,523,292

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION A-2 (Enhanced)
PRINCIPAL PAYMENT SCHEDULE

	Middle School Renovations		
DATE ISSUED:	5/1/2017	5/1/2018	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$3,000,000	$1,525,000	**$4,525,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2017	-	-	-
2018	150,000	-	150,000
2019	150,000	75,000	225,000
2020	150,000	75,000	225,000
2021	150,000	75,000	225,000
2022	150,000	75,000	225,000
2023	150,000	75,000	225,000
2024	150,000	75,000	225,000
2025	150,000	75,000	225,000
2026	150,000	75,000	225,000
2027	150,000	75,000	225,000
2028	150,000	75,000	225,000
2029	150,000	75,000	225,000
2030	150,000	75,000	225,000
2031	150,000	75,000	225,000
2032	150,000	75,000	225,000
2033	150,000	75,000	225,000
2034	150,000	75,000	225,000
2035	150,000	75,000	225,000
2036	150,000	75,000	225,000
2037	150,000	75,000	225,000
2038	-	100,000	100,000
TOTAL:	$ 3,000,000	$ 1,525,000	$ 4,525,000

TOWN OF MANSFIELD, CT
PROPOSED SCHOOL PROJECTS - OPTION C
STATE APPLICATION JUNE, 2013
DEBT SERVICE IMPACT

Fiscal	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal
		Notes 2015 $6,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $8,300,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Notes 2016 $9,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $16,500,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $14,600,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Notes 2016 $4,200,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Notes 2017 $2,010,000 Dated: 5/1/2017 Due: 5/1/2018 Interest @ 3.25%	Bonds 2017 $4,200,000 Dated: 5/1/2017 Due: 5/1/2018-2037 Interest @ 5.50%	Bonds 2017 $2,010,000 Dated: 5/1/2018 Due: 5/1/2019-38 Interest @ 6.00%				
'LICATION -	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	Year
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	-	-	-	-	-	-	-	-	-		380,011	(270,706)	2014-15
2015-16	300,324	135,000	788,500	-	-	-	-	-	-	-	923,500	1,223,824	843,813	2015-16
2016-17	293,726	-	769,825	247,500	1,650,000	-	115,500	-	-	-	2,782,825	3,076,551	1,852,727	2016-17
2017-18	287,124	-	751,150	-	1,608,750	1,533,000	-	65,325	441,000	-	4,399,225	4,686,349	1,609,798	2017-18
2018-19	280,524	-	732,475	-	1,567,500	1,492,850	-	-	429,450	230,600	4,452,875	4,733,399	47,050	2018-19
2019-20	273,925	-	713,800	-	1,526,250	1,452,700	-	-	417,900	214,000	4,324,650	4,598,575	(134,824)	2019-20
2020-21	267,326	-	695,125	-	1,485,000	1,412,550	-	-	406,350	208,000	4,207,025	4,474,351	(124,224)	2020-21
2021-22	260,723	-	676,450	-	1,443,750	1,372,400	-	-	394,800	202,000	4,089,400	4,350,123	(124,228)	2021-22
2022-23	253,853	-	657,775	-	1,402,500	1,332,250	-	-	383,250	196,000	3,971,775	4,225,628	(124,495)	2022-23
2023-24	245,600	-	639,100	-	1,361,250	1,292,100	-	-	371,700	190,000	3,854,150	4,099,750	(125,878)	2023-24
2024-25	236,800	-	620,425	-	1,320,000	1,251,950	-	-	360,150	184,000	3,736,525	3,973,325	(126,425)	2024-25
2025-26	208,000	-	601,750	-	1,278,750	1,211,800	-	-	348,600	178,000	3,618,900	3,826,900	(146,425)	2025-26
2026-27	-	-	583,075	-	1,237,500	1,171,650	-	-	337,050	172,000	3,501,275	3,501,275	(325,625)	2026-27
2027-28	-	-	564,400	-	1,196,250	1,131,500	-	-	325,500	166,000	3,383,650	3,383,650	(117,625)	2027-28
2028-29	-	-	545,725	-	1,155,000	1,091,350	-	-	313,950	160,000	3,266,025	3,266,025	(117,625)	2028-29
2029-30	-	-	527,050	-	1,113,750	1,051,200	-	-	302,400	154,000	3,148,400	3,148,400	(117,625)	2029-30
2030-31	-	-	508,375	-	1,072,500	1,011,050	-	-	290,850	148,000	3,030,775	3,030,775	(117,625)	2030-31
2031-32	-	-	489,700	-	1,031,250	970,900	-	-	279,300	142,000	2,913,150	2,913,150	(117,625)	2031-32
2032-33	-	-	471,025	-	990,000	930,750	-	-	267,750	136,000	2,795,525	2,795,525	(117,625)	2032-33
2033-34	-	-	452,350	-	948,750	890,600	-	-	256,200	130,000	2,677,900	2,677,900	(117,625)	2033-34
2034-35	-	-	433,675	-	907,500	850,450	-	-	244,650	124,000	2,560,275	2,560,275	(117,625)	2034-35
2035-36	-	-	-	-	866,250	810,300	-	-	233,100	118,000	2,027,650	2,027,650	(532,625)	2035-36
2036-37	-	-	-	-	-	770,150	-	-	221,550	112,000	1,103,700	1,103,700	(923,950)	2036-37
2037-38	-	-	-	-	-	-	-	-	-	106,000	106,000	106,000	(997,700)	2037-38
	$ 5,645,651	$ 135,000	$ 12,221,750	$ 247,500	$ 25,162,500	$ 23,031,500	$ 115,500	$ 65,325	$ 6,625,500	$ 3,270,600	$ 70,875,175	$ 76,520,826		

Gross Cost	$54,968,296
State Reimbursement	($15,842,280)
Sub-total Net Cost	$39,126,016
Cost of Issuance	$275,000
Total Net Cost	$39,401,016

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION C
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2015	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$8,300,000	$16,500,000	$14,600,000	**$39,400,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2015	-	-	-	-
2016	415,000	-	-	415,000
2017	415,000	825,000	-	1,240,000
2018	415,000	825,000	730,000	1,970,000
2019	415,000	825,000	730,000	1,970,000
2020	415,000	825,000	730,000	1,970,000
2021	415,000	825,000	730,000	1,970,000
2022	415,000	825,000	730,000	1,970,000
2023	415,000	825,000	730,000	1,970,000
2024	415,000	825,000	730,000	1,970,000
2025	415,000	825,000	730,000	1,970,000
2026	415,000	825,000	730,000	1,970,000
2027	415,000	825,000	730,000	1,970,000
2028	415,000	825,000	730,000	1,970,000
2029	415,000	825,000	730,000	1,970,000
2030	415,000	825,000	730,000	1,970,000
2031	415,000	825,000	730,000	1,970,000
2032	415,000	825,000	730,000	1,970,000
2033	415,000	825,000	730,000	1,970,000
2034	415,000	825,000	730,000	1,970,000
2035	415,000	825,000	730,000	1,970,000
2036	-	825,000	730,000	1,555,000
2037	-	-	730,000	730,000
TOTAL:	$ 8,300,000	$ 16,500,000	$ 14,600,000	$ 39,400,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION C
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$11,507,963
State Reimbursement	($5,497,498)
Sub-total Net Cost	$6,010,465
Cost of Issuance	$200,000
Total Net Cost	$6,210,465

	Middle School Renovations		
DATE ISSUED:	5/1/2017	5/1/2018	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$4,200,000	$2,010,000	**$6,210,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2017	-	-	-
2018	210,000	-	210,000
2019	210,000	110,000	320,000
2020	210,000	100,000	310,000
2021	210,000	100,000	310,000
2022	210,000	100,000	310,000
2023	210,000	100,000	310,000
2024	210,000	100,000	310,000
2025	210,000	100,000	310,000
2026	210,000	100,000	310,000
2027	210,000	100,000	310,000
2028	210,000	100,000	310,000
2029	210,000	100,000	310,000
2030	210,000	100,000	310,000
2031	210,000	100,000	310,000
2032	210,000	100,000	310,000
2033	210,000	100,000	310,000
2034	210,000	100,000	310,000
2035	210,000	100,000	310,000
2036	210,000	100,000	310,000
2037	210,000	100,000	310,000
2038	-	100,000	100,000
TOTAL:	$ 4,200,000	$ 2,010,000	$ 6,210,000

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION E (750 Students)

STATE APPLICATION JUNE, 2013

DEBT SERVICE IMPACT

		Proposed Elementary Schools					Proposed Middle School Renovations						
	Existing General Fund Debt Service	Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $5,940,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Notes 2016 $5,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $15,100,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $9,100,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Notes 2016 $4,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Notes 2017 $2,210,000 Dated: 5/1/2017 Due: 5/1/2018 Interest @ 3.25%	Bonds 2017 $4,000,000 Dated: 5/1/2017 Due: 5/1/2018-2037 Interest @ 5.50%	Bonds 2018 $2,210,000 Dated: 5/1/2018 Due: 5/1/2019-38 Interest @ 6.00%	Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	
Fiscal YEAR ENDING	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	Fiscal Year
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	-	-	-	-	-	-	-	-	-		380,011	(270,706)	2014-15
2015-16	300,324	112,500	562,300	-	-	-	-	-	-	-	574,800	975,124	595,113	2015-16
2016-17	293,726	-	549,025	137,500	1,510,000	-	110,000	-	-	-	2,306,525	2,600,251	1,625,127	2016-17
2017-18	287,124	-	535,750	-	1,472,250	955,500	-	71,825	420,000	-	3,455,325	3,742,449	1,142,198	2017-18
2018-19	280,524	-	522,475	-	1,434,500	930,475	-	-	409,000	242,600	3,539,050	3,819,574	77,125	2018-19
2019-20	273,925	-	509,200	-	1,396,750	905,450	-	-	398,000	236,000	3,445,400	3,719,325	(100,249)	2019-20
2020-21	267,326	-	495,925	-	1,359,000	880,425	-	-	387,000	229,400	3,351,750	3,619,076	(100,249)	2020-21
2021-22	260,723	-	482,650	-	1,321,250	855,400	-	-	376,000	222,800	3,258,100	3,518,823	(100,253)	2021-22
2022-23	253,853	-	469,375	-	1,283,500	830,375	-	-	365,000	216,200	3,164,450	3,418,303	(100,520)	2022-23
2023-24	245,600	-	456,100	-	1,245,750	805,350	-	-	354,000	209,600	3,070,800	3,316,400	(101,903)	2023-24
2024-25	236,800	-	442,825	-	1,208,000	780,325	-	-	343,000	203,000	2,977,150	3,213,950	(102,450)	2024-25
2025-26	208,000	-	429,550	-	1,170,250	755,300	-	-	332,000	196,400	2,883,500	3,091,500	(122,450)	2025-26
2026-27	-	-	416,275	-	1,132,500	730,275	-	-	321,000	189,800	2,789,850	2,789,850	(301,650)	2026-27
2027-28	-	-	403,000	-	1,094,750	705,250	-	-	310,000	183,200	2,696,200	2,696,200	(93,650)	2027-28
2028-29	-	-	389,725	-	1,057,000	680,225	-	-	299,000	176,600	2,602,550	2,602,550	(93,650)	2028-29
2029-30	-	-	376,450	-	1,019,250	655,200	-	-	288,000	170,000	2,508,900	2,508,900	(93,650)	2029-30
2030-31	-	-	363,175	-	981,500	630,175	-	-	277,000	163,400	2,415,250	2,415,250	(93,650)	2030-31
2031-32	-	-	349,900	-	943,750	605,150	-	-	266,000	156,800	2,321,600	2,321,600	(93,650)	2031-32
2032-33	-	-	336,625	-	906,000	580,125	-	-	255,000	150,200	2,227,950	2,227,950	(93,650)	2032-33
2033-34	-	-	323,350	-	868,250	555,100	-	-	244,000	143,600	2,134,300	2,134,300	(93,650)	2033-34
2034-35	-	-	350,075	-	830,500	530,075	-	-	233,000	137,000	2,080,650	2,080,650	(53,650)	2034-35
2035-36	-	-	-	-	792,750	505,050	-	-	222,000	130,400	1,650,200	1,650,200	(430,450)	2035-36
2036-37	-	-	-	-	-	480,025	-	-	211,000	123,800	814,825	814,825	(835,375)	2036-37
2037-38	-	-	-	-	-	-	-	-	-	127,200	127,200	127,200	(687,625)	2037-38
	$ 5,645,651	$ 112,500	$ 8,763,750	$ 137,500	$ 23,027,500	$ 14,355,250	$ 110,000	$ 71,825	$ 5,310,000	$ 3,608,000	$ 56,496,325	$ 62,141,976		

Gross Cost	$54,207,358
State Reimbursement	($24,343,816)
Sub-total Net Cost	$29,863,542
Cost of Issuance	$275,000
Total Net Cost	$30,138,542

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION E (750 Students)
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2015	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$5,940,000	$15,100,000	$9,100,000	**$30,140,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	
MATURITY				**TOTAL**
2015	-	-	-	-
2016	295,000	-	-	295,000
2017	295,000	755,000	-	1,050,000
2018	295,000	755,000	455,000	1,505,000
2019	295,000	755,000	455,000	1,505,000
2020	295,000	755,000	455,000	1,505,000
2021	295,000	755,000	455,000	1,505,000
2022	295,000	755,000	455,000	1,505,000
2023	295,000	755,000	455,000	1,505,000
2024	295,000	755,000	455,000	1,505,000
2025	295,000	755,000	455,000	1,505,000
2026	295,000	755,000	455,000	1,505,000
2027	295,000	755,000	455,000	1,505,000
2028	295,000	755,000	455,000	1,505,000
2029	295,000	755,000	455,000	1,505,000
2030	295,000	755,000	455,000	1,505,000
2031	295,000	755,000	455,000	1,505,000
2032	295,000	755,000	455,000	1,505,000
2033	295,000	755,000	455,000	1,505,000
2034	295,000	755,000	455,000	1,505,000
2035	335,000	755,000	455,000	1,545,000
2036	-	755,000	455,000	1,210,000
2037	-	-	455,000	455,000
TOTAL:	$ 5,940,000	$ 15,100,000	$ 9,100,000	$ 30,140,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION E (750 Students)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$11,507,963
State Reimbursement	($5,497,498)
Sub-total Net Cost	$6,010,465
Cost of Issuance	$200,000
Total Net Cost	$6,210,465

	Middle School Renovations		
DATE ISSUED:	5/1/2017	5/1/2018	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$4,000,000	$2,210,000	**$6,210,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2017	-	-	-
2018	200,000	-	200,000
2019	200,000	110,000	310,000
2020	200,000	110,000	310,000
2021	200,000	110,000	310,000
2022	200,000	110,000	310,000
2023	200,000	110,000	310,000
2024	200,000	110,000	310,000
2025	200,000	110,000	310,000
2026	200,000	110,000	310,000
2027	200,000	110,000	310,000
2028	200,000	110,000	310,000
2029	200,000	110,000	310,000
2030	200,000	110,000	310,000
2031	200,000	110,000	310,000
2032	200,000	110,000	310,000
2033	200,000	110,000	310,000
2034	200,000	110,000	310,000
2035	200,000	110,000	310,000
2036	200,000	110,000	310,000
2037	200,000	110,000	310,000
2038	-	120,000	120,000
TOTAL:	$ 4,000,000	$ 2,210,000	$ 6,210,000

TOWN OF MANSFIELD, CT

PROPOSED SCHOOL PROJECTS - OPTION E (700 Students)

STATE APPLICATION JUNE, 2013

DEBT SERVICE IMPACT

Fiscal	Existing General Fund Debt Service	Proposed Elementary Schools					Proposed Middle School Renovations				Total Project Debt Service	Existing + Proposed Debt Service	Annual Change in Debt Service	Fiscal
		Notes 2015 $5,000,000 Dated: 5/1/2015 Due: 5/1/2016 Interest @ 2.25%	Bonds 2015 $4,850,000 Dated: 5/1/2015 Due: 5/1/2016-35 Interest @ 4.50%	Notes 2016 $5,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Bonds 2016 $14,100,000 Dated: 5/1/2016 Due: 5/1/2017-36 Interest @ 5.00%	Bonds 2017 $8,100,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Notes 2016 $4,000,000 Dated: 5/1/2016 Due: 5/1/2017 Interest @ 2.75%	Notes 2017 $2,150,000 Dated: 5/1/2017 Due: 5/1/2018 Interest @ 3.25%	Bonds 2017 $4,000,000 Dated: 5/1/2017 Due: 5/1/2018-37 Interest @ 5.50%	Bonds 2018 $2,150,000 Dated: 5/1/2018 Due: 5/1/2019-38 Interest @ 6.00%				
'LICATION -	P&I	Interest	P&I	Interest	P&I	P&I	Interest	Interest	Interest	P&I	P&I	P&I	P&I	Year
2011-12	$ 862,467	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 862,467		2011-12
2012-13	844,531	-	-	-	-	-	-	-	-	-		844,531	(17,936)	2012-13
2013-14	650,717	-	-	-	-	-	-	-	-	-		650,717	(193,814)	2013-14
2014-15	380,011	-	-	-	-	-	-	-	-	-		380,011	(270,706)	2014-15
2015-16	300,324	112,500	463,250	-	-	-	-	-	-	-	575,750	876,074	496,063	2015-16
2016-17	293,726	-	452,225	137,500	1,412,500	-	110,000	-	-	-	2,112,225	2,405,951	1,529,877	2016-17
2017-18	287,124	-	441,200	-	1,377,250	850,500	-	69,875	420,000	-	3,158,825	3,445,949	1,039,998	2017-18
2018-19	280,524	-	430,175	-	1,342,000	828,225	-	-	409,000	239,000	3,248,400	3,528,924	82,975	2018-19
2019-20	273,925	-	419,150	-	1,306,750	805,950	-	-	398,000	232,400	3,162,250	3,436,175	(92,749)	2019-20
2020-21	267,326	-	408,125	-	1,271,500	783,675	-	-	387,000	225,800	3,076,100	3,343,426	(92,749)	2020-21
2021-22	260,723	-	397,100	-	1,236,250	761,400	-	-	376,000	219,200	2,989,950	3,250,673	(92,753)	2021-22
2022-23	253,853	-	386,075	-	1,201,000	739,125	-	-	365,000	212,600	2,903,800	3,157,653	(93,020)	2022-23
2023-24	245,600	-	375,050	-	1,165,750	716,850	-	-	354,000	206,000	2,817,650	3,063,250	(94,403)	2023-24
2024-25	236,800	-	364,025	-	1,130,500	694,575	-	-	343,000	199,400	2,731,500	2,968,300	(94,950)	2024-25
2025-26	208,000	-	348,000	-	1,095,250	672,300	-	-	332,000	192,800	2,640,350	2,848,350	(119,950)	2025-26
2026-27	-	-	337,200	-	1,060,000	650,025	-	-	321,000	186,200	2,554,425	2,554,425	(293,925)	2026-27
2027-28	-	-	326,400	-	1,024,750	627,750	-	-	310,000	179,600	2,468,500	2,468,500	(85,925)	2027-28
2028-29	-	-	315,600	-	989,500	605,475	-	-	299,000	168,000	2,377,575	2,377,575	(90,925)	2028-29
2029-30	-	-	304,800	-	954,250	583,200	-	-	288,000	161,700	2,291,950	2,291,950	(85,625)	2029-30
2030-31	-	-	294,000	-	919,000	560,925	-	-	277,000	155,400	2,206,325	2,206,325	(85,625)	2030-31
2031-32	-	-	283,200	-	883,750	538,650	-	-	266,000	149,100	2,120,700	2,120,700	(85,625)	2031-32
2032-33	-	-	272,400	-	848,500	516,375	-	-	255,000	142,800	2,035,075	2,035,075	(85,625)	2032-33
2033-34	-	-	261,600	-	813,250	494,100	-	-	244,000	136,500	1,949,450	1,949,450	(85,625)	2033-34
2034-35	-	-	250,800	-	778,000	471,825	-	-	233,000	130,200	1,863,825	1,863,825	(85,625)	2034-35
2035-36	-	-	-	-	792,750	449,550	-	-	222,000	123,900	1,588,200	1,588,200	(275,625)	2035-36
2036-37	-	-	-	-	-	427,275	-	-	211,000	117,600	755,875	755,875	(832,325)	2036-37
2037-38	-	-	-	-	-	-	-	-	-	111,300	111,300	111,300	(644,575)	2037-38
	$ 5,645,651	$ 112,500	$ 7,130,375	$ 137,500	$ 21,602,500	$ 12,777,750	$ 110,000	$ 69,875	$ 6,310,000	$ 3,489,500	$ 51,740,000	$ 57,385,651		

Gross Cost	$51,697,091
State Reimbursement	($24,923,345)
Sub-total Net Cost	$26,773,746
Cost of Issuance	$275,000
Total Net Cost	$27,048,746

TOWN OF MANSFIELD
PROPOSED ELEMENTARY SCHOOLS - OPTION E (700 Students)
PRINCIPAL PAYMENT SCHEDULE

	Elementary Schools			
DATE ISSUED:	5/1/2015	5/1/2016	5/1/2017	
PURPOSE:	Schools	Schools	Schools	
BOND TERM (yr):	20	20	20	
AMOUNT:	$4,850,000	$14,100,000	$8,100,000	**$27,050,000**
PROJECT:	Elementary Schools	Elementary Schools	Elementary Schools	
MATURITY DATE:	1-May	1-May	1-May	

MATURITY				TOTAL
2015	-	-	-	-
2016	245,000	-	-	245,000
2017	245,000	705,000	-	950,000
2018	245,000	705,000	405,000	1,355,000
2019	245,000	705,000	405,000	1,355,000
2020	245,000	705,000	405,000	1,355,000
2021	245,000	705,000	405,000	1,355,000
2022	245,000	705,000	405,000	1,355,000
2023	245,000	705,000	405,000	1,355,000
2024	245,000	705,000	405,000	1,355,000
2025	245,000	705,000	405,000	1,355,000
2026	240,000	705,000	405,000	1,350,000
2027	240,000	705,000	405,000	1,350,000
2028	240,000	705,000	405,000	1,350,000
2029	240,000	705,000	405,000	1,350,000
2030	240,000	705,000	405,000	1,350,000
2031	240,000	705,000	405,000	1,350,000
2032	240,000	705,000	405,000	1,350,000
2033	240,000	705,000	405,000	1,350,000
2034	240,000	705,000	405,000	1,350,000
2035	240,000	705,000	405,000	1,350,000
2036	-	705,000	405,000	1,110,000
2037	-	-	405,000	405,000
TOTAL:	$ 4,850,000	$ 14,100,000	$ 8,100,000	$ 27,050,000

TOWN OF MANSFIELD
PROPOSED MIDDLE SCHOOL RENOVATIONS - OPTION E (700 Students)
PRINCIPAL PAYMENT SCHEDULE

Gross Cost	$11,507,963
State Reimbursement	($5,561,423)
Sub-total Net Cost	$5,946,540
Cost of Issuance	$200,000
Total Net Cost	$6,146,540

	Middle School Renovations		
DATE ISSUED:	5/1/2017	5/1/2018	
PURPOSE:	Schools	Schools	
BOND TERM (yr):	20	20	
AMOUNT:	$4,000,000	$2,150,000	**$6,150,000**
PROJECT:	Middle School Renovations	Middle School Renovations	
MATURITY DATE:	1-May	1-May	

MATURITY			TOTAL
2017	-	-	-
2018	200,000	-	200,000
2019	200,000	110,000	310,000
2020	200,000	110,000	310,000
2021	200,000	110,000	310,000
2022	200,000	110,000	310,000
2023	200,000	110,000	310,000
2024	200,000	110,000	310,000
2025	200,000	110,000	310,000
2026	200,000	110,000	310,000
2027	200,000	110,000	310,000
2028	200,000	110,000	310,000
2029	200,000	105,000	305,000
2030	200,000	105,000	305,000
2031	200,000	105,000	305,000
2032	200,000	105,000	305,000
2033	200,000	105,000	305,000
2034	200,000	105,000	305,000
2035	200,000	105,000	305,000
2036	200,000	105,000	305,000
2037	200,000	105,000	305,000
2038	-	105,000	105,000
TOTAL:	$ 4,000,000	$ 2,150,000	$ 6,150,000

Baseline

Newfield Construction, Inc.

Mansfield Schools ~~**OPTION A**~~ **Maintain and repair all schools. Roof and window replacements, ADA and technology upgrades.**

Total Project Cost Analysis **New heating and ventilating systems, gym floors, gym folding partitions at all elementary schools.**

January 5, 2012

Spring 2012 Referendum	**Vinton**			**Goodwin**			**Southeast**			**Middle School**			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Maintain and Repair	34,520	LS	5,196,698	37,466	LS	5,520,818	38,065	LS	5,314,074	110,433	LS	3,757,868	
Solar Panels			0			0			0			0	
Total Construction Costs			5,196,698			5,520,818			5,314,074			3,757,868	
Estimated Soft Costs			883,439			938,539			903,393			638,838	
Construction and Soft Costs			6,080,137			6,459,357			6,217,467			4,396,706	
Escalation 3% per year	3yr	9.3%	565,453	3yr	9.3%	600,720	3 Yr	9.3%	578,224	4yr	12.6%	553,985	
Total Project Budget			**6,645,589**			**7,060,077**			**6,795,691**			**4,950,690**	**25,452,048**
Net State Reimbursement			1,164,539			866,459			891,864			2,187,291	**5,110,153**
Cost to Mansfield			5,481,051			6,193,619			5,903,827			2,763,399	**20,341,895**
Estimated Ineligible Costs			4,651,913			5,295,058			5,164,725			1,039,645	
Estimated Eligible Costs			1,993,677			1,765,019			1,630,966			3,911,045	
State Reimbursement 62.14%			1,238,871			1,096,783			1,013,482			2,430,324	
Reimbursement Penalty			-74,332			-230,324			-121,618			-243,032	
Net State Reimbursement			1,164,539			866,459			891,864			2,187,291	**5,110,153**
Existing Square Footage (net)	34,520			37,466			38,065			110,433			
State Allowable Sq. Footage	32,488			29,636			33,480			99,712			
Square Footage Penalty %	6%			21%			12%			10%			

Newfield Construction, Inc.

Mansfield Schools **OPTION A** **Maintain and repair all schools. Roof and window replacements, ADA and technology upgrades.**
Total Project Cost Analysis **New heating and ventilating systems, gym floors, gym folding partitions at all elementary schools.**
January 5, 2012

Spring 2012 Referendum	Vinton			Goodwin			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Maintain and Repair	34,520	LS	5,196,698	37,466	LS	5,520,818	38,065	LS	5,314,074	110,433	LS	3,757,868	
Solar Panels			757,191			813,251			687,435			1,953,858	
Total Construction Costs			5,953,889			6,334,069			6,001,509			5,711,726	
Estimated Soft Costs			1,012,161			1,076,792			1,020,257			970,993	
Construction and Soft Costs			6,966,050			7,410,861			7,021,766			6,682,719	
Escalation 3% per year	3yr	9.3%	647,843	3yr	9.3%	689,210	3 Yr	9.3%	653,024	4yr	12.6%	842,023	
Total Project Budget			**7,613,893**			**8,100,071**			**7,674,790**			**7,524,742**	**30,913,495**
Net State Reimbursement			1,334,219			994,093			1,007,237			3,324,547	**6,660,096**
Cost to Mansfield			6,279,674			7,105,977			6,667,553			4,200,195	**24,253,399**
Estimated Ineligible Costs			5,329,725			6,075,053			5,832,840			1,580,196	
Estimated Eligible Costs			2,284,168			2,025,018			1,841,950			5,944,546	
State Reimbursement 62.14%			1,419,382			1,258,346			1,144,587			3,693,941	
Reimbursement Penalty			-85,163			-264,253			-137,350			-369,394	
Net State Reimbursement			1,334,219			994,093			1,007,237			3,324,547	**6,660,096**
Existing Square Footage (net)	34,520			37,466			38,065			110,433			
State Allowable Sq. Footage	32,488			29,636			33,480			99,712			
Square Footage Penalty %	6%			21%			12%			10%			

Newfield Construction, Inc.

Mansfield Schools **OPTION A** **Maintain and repair all schools. Roof and window replacements, ADA and technology upgrades.**

Total Project Cost Analysis **Enhanced** **New heating and ventilating systems, gym floors, gym folding partitions at all elementary schools.**

January 5, 2012

Spring 2012 Referendum	Vinton			Goodwin			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Maintain and Repair	34,520	LS	5,196,698	37,466	LS	5,520,818	38,065	LS	5,314,074	110,433	LS	3,757,868	
Solar Panels			757,191			813,251			687,435			1,953,858	
Media Center Additions	3,000	400	1,200,000	3,000	400	1,200,000	3,000	400	1,200,000				
Total Construction Costs			7,153,889			7,534,069			7,201,509			5,711,726	
Estimated Soft Costs			1,216,161			1,280,792			1,224,257			970,993	
Construction and Soft Costs			8,370,050			8,814,861			8,425,766			6,682,719	
Escalation 3% per year	3yr	9.3%	778,415	3yr	9.3%	819,782	3yr	9.3%	783,596	4yr	12.6%	842,023	
Total Project Budget			**9,148,465**			**9,634,643**			**9,209,362**			**7,524,742**	**35,517,211**
Net State Reimbursement			1,483,747			1,107,589			1,126,227			3,324,547	**7,042,110**
Cost to Mansfield			7,664,717			8,527,054			8,083,135			4,200,195	**28,475,101**
Estimated Ineligible Costs			6,403,925			7,225,982			6,999,115			1,580,196	
Estimated Eligible Costs			2,744,539			2,408,661			2,210,247			5,944,546	
State Reimbursement 62.14%			1,705,457			1,496,742			1,373,447			3,693,941	
Reimbursement Penalty			-221,709			-389,153			-247,221			-369,394	
Net State Reimbursement			1,483,747			1,107,589			1,126,227			3,324,547	**7,042,110**
Existing Square Footage (net)	34,520			37,466			38,065			110,433			
Proposed Square Footage	37,370			40,316			40,915						
State Allowable Sq. Footage	32,488			29,636			33,480			99,712			
Square Footage Penalty %	13%			26%			18%			10%			

Newfield Construction, Inc.

Mansfield Schools **OPTION C** **Two Elementary Schools, Additions, Roof Replacement, Renovate**

Total Project Cost Analysis **Two Elementary Schools, Close One Elementary School**

January 5, 2012 (ES Bid Award 2/14, MS 2/15) **Middle School- Additions, Roof Replacement and Selective Heavy Renovations**

Spring 2012 Referendum	Vinton			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Heavy Renovations	35,550	245	8,709,750	33,577	245	8,226,365	4,821	225	1,084,725	
Roof Replacement	38,552	15	578,280	35,847	15	537,705	79,538	15	1,193,070	
Solar Panels			757,191			813,251			1,953,858	
Window Replacement			777,000			652,000			450,000	
Phasing Construction	6,000	100	600,000	6,000	100	600,000	0	100	0	
Site			1,500,000			1,500,000			950,000	
New Construction	17,746	350	6,211,100	24,433	350	8,551,550	7,163	350	2,507,050	
Total Construction Costs			19,133,321			20,880,871			8,138,703	
Estimated Soft Costs			4,209,331			4,593,792			1,790,515	
Construction and Soft Costs			23,342,652			25,474,663			9,929,218	
Escalation 3% per year	3yr	9.3%	2,170,867	3yr	9.3%	2,369,144	4yr	12.6%	1,251,081	
Total Project Budget			**25,513,518**			**27,843,806**			**11,180,299**	**64,537,624**
Net State Reimbursement			7,499,572			7,518,365			5,322,393	**20,340,330**
Cost to Mansfield			18,013,946			20,325,442			5,857,906	**44,197,293**
Estimated Ineligible Costs			11,479,993			12,528,523			1,220,805	
Estimated Eligible Costs			14,033,526			15,315,284			9,959,494	
State Reimbursement 62.14%			8,720,433			9,516,917			6,188,829	
Reimbursement Penalty			-1,220,861			-1,998,553			-866,436	
Net State Reimbursement			7,499,572			7,518,365			5,322,393	**20,340,330**
Existing Square Footage (net)	33,773			31,898			110,433			
Proposed Square Footage	50,631			55,110			116,197			
State Allowable Sq. Footage	43,400			43,400			99,712			
Square Footage Penalty %	14%			21%			14%			

Newfield Construction, Inc.

Mansfield Schools **OPTION E** **Two New Elementary Schools at Goodwin and Southeast, Demolish**

Total Project Cost Analysis **750 Students** **Existing Goodwin and Southeast Schools, Close Vinton.**

January 5, 2012 (ES Bid Award 2/14, MS 2/15) **Middle School- Additions, Roof Replacement and Selective Heavy Renovations**

Spring 2012 Referendum	New Goodwin School			New Southeast School			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Heavy Renovations	0	245	0	0	245	0	4,821	225	1,084,725	
Roof Replacement	0	15	0	0	15	0	79,538	15	1,193,070	
Solar Panels			0			0			1,953,858	
Window Replacement			0			0			450,000	
Demolish Existing School	37,466	17	636,922	38,065	17	647,105	0	17	0	
Land Acquisition (Goodwin)			450,000							
Site			3,000,000			3,000,000			950,000	
New Construction	61,012	260	15,863,120	61,012	260	15,863,120	7,163	350	2,507,050	
Total Construction Costs			19,950,042			19,510,225			8,138,703	
Estimated Soft Costs			4,389,009			4,292,250			1,790,515	
Construction and Soft Costs			24,339,051			23,802,475			9,929,218	
Escalation 3% per year	3yr	9.3%	2,263,532	3yr	9.3%	2,213,630	4yr	12.6%	1,251,081	
Total Project Budget			**26,602,583**			**26,016,105**			**11,180,299**	**63,798,987**
Net State Reimbursement			11,933,248			11,670,169			5,322,393	**28,925,810**
Cost to Mansfield			14,669,335			14,345,936			5,857,906	**34,873,177**
Estimated Ineligible Costs			997,502			975,511			1,220,805	
Estimated Eligible Costs			25,605,081			25,040,593			9,959,494	
State Reimbursement 62.14%			15,910,997			15,560,225			6,188,829	
Reimbursement Penalty			-3,977,749			-3,890,056			-866,436	
Net State Reimbursement			11,933,248			11,670,169			5,322,393	**28,925,810**
Existing Square Footage (net)	34,520			38,065			110,433			
Proposed Square Footage (net)	57,961			57,961			116,197			
State Allowable Sq. Footage	45,000			45,000			99,712			
Square Footage Penalty %	22%			22%			14%			
Demolish Vinton School*	34,520	17	586,840							
*Not inculded in Cost to Mansfield										

Newfield Construction, Inc.

Mansfield Schools **OPTION E** **Two New Elementary Schools at Southeast and Goodwin, Demolish**

Total Project Cost Analysis **700 Students** **Existing Southeast and Goodwin Schools, Close Vinton.**

January 5, 2012 (ES Bid Award 2/14, MS 2/15) **Middle School- Addition, Roof Replacement and Selective Heavy Renovations**

Spring 2012 Referendum	New Goodwin School			New Southeast School			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Heavy Renovations	0	245	0	0	245	0	4,821	225	1,084,725	
Roof Replacement	0	15	0	0	15	0	79,538	15	1,193,070	
Solar Panels			0			0			1,953,858	
Window Replacement			0			0			450,000	
Demolish Existing School	37,466	17	636,922	38,065	17	647,105	0	17	0	
Land Acquisition (Goodwin)			450,000							
Site Work			3,000,000			3,000,000			950,000	
New Construction	56,413	265	14,949,445	56,413	265	14,949,445	7,163	350	2,507,050	
Total Construction Costs			19,036,367			18,596,550			8,138,703	
Estimated Soft Costs			4,188,001			4,091,241			1,790,515	
Construction and Soft Costs			23,224,368			22,687,791			9,929,218	
Escalation 3% per year	3yr	9.3%	2,159,866	3yr	9.3%	2,109,965	4yr	12.6%	1,251,081	
Total Project Budget			**25,384,234**			**24,797,756**			**11,180,299**	**61,362,289**
Net State Reimbursement			12,147,204			12,013,540			5,384,282	**29,545,025**
Cost to Mansfield			13,237,030			12,784,216			5,796,018	**31,817,264**
Estimated Ineligible Costs			1,250,748			929,828			1,220,805	
Estimated Eligible Costs			24,133,486			23,867,928			9,959,494	
State Reimbursement 62.14%			14,996,548			14,831,530			6,188,829	
Reimbursement Penalty			-2,849,344			-2,817,991			-804,548	
Net State Reimbursement			12,147,204			12,013,540			5,384,282	**29,545,025**
Existing Square Footage (net)	34,520			38,065			110,433			
Proposed Square Footage (net)	53,592			53,592			114,112			
State Allowable Sq. Footage	43,400			43,400			99,712			
Square Footage Penalty %	19%			19%			13%			

Baseline

Newfield Construction, Inc.

Mansfield Schools ~~OPTION A~~ **Maintain and repair all schools. Roof and window replacements, ADA and technology upgrades.**

Total Project Cost Analysis **New heating and ventilating systems, gym floors, gym folding partitions at all elementary schools.**

January 5, 2012

Fall 2012 Referendum	Vinton			Goodwin			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Maintain and Repair	34,520	LS	5,196,698	37,466	LS	5,520,818	38,065	LS	5,314,074	110,433	LS	3,757,868	
Solar Panels			0			0			0			0	
Total Construction Costs			5,196,698			5,520,818			5,314,074			3,757,868	
Estimated Soft Costs			883,439			938,539			903,393			638,838	
Construction and Soft Costs			6,080,137			6,459,357			6,217,467			4,396,706	
Escalation 3% per year	4yr	12.6%	766,097	4yr	12.6%	813,879	4 Yr	12.6%	783,401	5yr	15.9%	699,076	
Total Project Budget			**6,846,234**			**7,273,236**			**7,000,867**			**5,095,782**	**26,216,119**
Net State Reimbursement			1,199,698			892,619			918,792			2,251,395	**5,262,504**
Cost to Mansfield			5,646,535			6,380,617			6,082,076			2,844,387	**20,953,615**
Estimated Ineligible Costs			4,792,364			5,454,927			5,320,659			1,070,114	
Estimated Eligible Costs			2,053,870			1,818,309			1,680,208			4,025,668	
State Reimbursement 62.14%			1,276,275			1,129,897			1,044,081			2,501,550	
Reimbursement Penalty			-76,576			-237,278			-125,290			-250,155	
Net State Reimbursement			1,199,698			892,619			918,792			2,251,395	**5,262,504**
Existing Square Footage (net)	34,520			37,466			38,065			110,433			
State Allowable Sq. Footage	32,488			29,636			33,480			99,712			
Square Footage Penalty %	6%			21%			12%			10%			

Newfield Construction, Inc.

Mansfield Schools OPTION A **Maintain and repair all schools. Roof and window replacements, ADA and technology upgrades.**

Total Project Cost Analysis **New heating and ventilating systems, gym floors, gym folding partitions at all elementary schools.**

January 5, 2012

Fall 2012 Referendum	Vinton			Goodwin			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Maintain and Repair	34,520	LS	5,196,698	37,466	LS	5,520,818	38,065	LS	5,314,074	110,433	LS	3,757,868	
Solar Panels			757,191			813,251			687,435			1,953,858	
Total Construction Costs			5,953,889			6,334,069			6,001,509			5,711,726	
Estimated Soft Costs			1,012,161			1,076,792			1,020,257			970,993	
Construction and Soft Costs			6,966,050			7,410,861			7,021,766			6,682,719	
Escalation 3% per year	4yr	12.6%	877,722	4yr	12.6%	933,768	4 Yr	12.6%	884,742	5yr	15.9%	1,062,552	
Total Project Budget			**7,843,772**			**8,344,629**			**7,906,508**			**7,745,272**	**31,840,181**
Net State Reimbursement			1,374,502			1,024,107			1,037,648			3,421,980	**6,858,237**
Cost to Mansfield			6,469,271			7,320,522			6,868,860			4,323,291	**24,981,944**
Estimated Ineligible Costs			5,490,641			6,258,472			6,008,946			1,626,507	
Estimated Eligible Costs			2,353,132			2,086,157			1,897,562			6,118,765	
State Reimbursement 62.14%			1,462,236			1,296,338			1,179,145			3,802,200	
Reimbursement Penalty			-87,734			-272,231			-141,497			-380,220	
Net State Reimbursement			1,374,502			1,024,107			1,037,648			3,421,980	**6,858,237**
Existing Square Footage (net)	34,520			37,466			38,065			110,433			
State Allowable Sq. Footage	32,488			29,636			33,480			99,712			
Square Footage Penalty %	6%			21%			12%			10%			

Newfield Construction, Inc.

Mansfield Schools **OPTION A** **Maintain and repair all schools. Roof and window replacements, ADA and technology upgrades.**

Total Project Cost Analysis **Enhanced** **New heating and ventilating systems, gym floors, gym folding partitions at all elementary schools.**

January 5, 2012

Fall 2012 Referendum	Vinton			Goodwin			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Maintain and Repair	34,520	LS	5,196,698	37,466	LS	5,520,818	38,065	LS	5,314,074	110,433	LS	3,757,868	
Solar Panels			757,191			813,251			687,435			1,953,858	
Media Center Additions	3,000	400	1,200,000	3,000	400	1,200,000	3,000	400	1,200,000				
Total Construction Costs			7,153,889			7,534,069			7,201,509			5,711,726	
Estimated Soft Costs			1,216,161			1,280,792			1,224,257			970,993	
Construction and Soft Costs			8,370,050			8,814,861			8,425,766			6,682,719	
Escalation 3% per year	4yr	12.6%	1,054,626	4yr	12.6%	1,110,672	4 Yr	12.6%	1,061,646	5yr	15.9%	1,062,552	
Total Project Budget			**9,424,676**			**9,925,533**			**9,487,412**			**7,745,272**	**36,582,893**
Net State Reimbursement			1,528,545			1,141,029			1,160,230			3,421,980	**7,251,785**
Cost to Mansfield			7,896,132			8,784,504			8,327,182			4,323,291	**29,331,109**
Estimated Ineligible Costs			6,597,274			7,444,150			7,210,433			1,626,507	
Estimated Eligible Costs			2,827,403			2,481,383			2,276,979			6,118,765	
State Reimbursement 62.14%			1,756,948			1,541,932			1,414,915			3,802,200	
Reimbursement Penalty			-228,403			-400,902			-254,685			-380,220	
Net State Reimbursement			1,528,545			1,141,029			1,160,230			3,421,980	**7,251,785**
Existing Square Footage (net)	34,520			37,466			38,065			110,433			
Proposed Square Footage	37,370			40,316			40,915						
State Allowable Sq. Footage	32,488			29,636			33,480			99,712			
Square Footage Penalty %	13%			26%			18%			10%			

Newfield Construction, Inc.

Mansfield Schools **OPTION C** **Two Elementary Schools, Additions, Roof Replacement, Renovate**

Total Project Cost Analysis **Two Elementary Schools, Close One Elementary School**

January 5, 2012 (ES Bid Award 2/15, MS 2/16) **Middle School- Additions, Roof Replacement and Selective Heavy Renovations**

Fall 2012 Referendum	Vinton			Southeast			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Heavy Renovations	35,550	245	8,709,750	33,577	245	8,226,365	4,821	225	1,084,725	
Roof Replacement	38,552	15	578,280	35,847	15	537,705	79,538	15	1,193,070	
Solar Panels			757,191			813,251			1,953,858	
Window Replacement			777,000			652,000			450,000	
Phasing Construction	6,000	100	600,000	6,000	100	600,000	0	100	0	
Site			1,500,000			1,500,000			950,000	
New Construction	17,746	350	6,211,100	24,433	350	8,551,550	7,163	350	2,507,050	
Total Construction Costs			19,133,321			20,880,871			8,138,703	
Estimated Soft Costs			4,209,331			4,593,792			1,790,515	
Construction and Soft Costs			23,342,652			25,474,663			9,929,218	
Escalation 3% per year	4yr	12.6%	2,941,174	4yr	12.6%	3,209,807	5 Yr	15.9%	1,578,746	
Total Project Budget			**26,283,826**			**28,684,470**			**11,507,963**	**66,476,259**
Net State Reimbursement			7,911,228			7,931,052			5,497,498	**21,339,777**
Cost to Mansfield			18,372,598			20,753,419			6,010,465	**45,136,482**
Estimated Ineligible Costs			11,479,993			12,528,523			1,220,805	
Estimated Eligible Costs			14,803,833			16,155,948			10,287,158	
State Reimbursement 62.14%			9,199,102			10,039,306			6,392,440	
Reimbursement Penalty			-1,287,874			-2,108,254			-894,942	
Net State Reimbursement			7,911,228			7,931,052			5,497,498	**21,339,777**
Existing Square Footage (net)	33,773			31,898			110,433			
Proposed Square Footage	50,631			55,110			116,197			
State Allowable Sq. Footage	43,400			43,400			99,712			
Square Footage Penalty %	14%			21%			14%			

Newfield Construction, Inc.

Mansfield Schools **OPTION E** **Two New Elementary Schools at Goodwin and Southeast, Demolish**

Total Project Cost Analysis **750 Students** **Existing Goodwin and Southeast Schools, Close Vinton.**

January 5, 2012 (ES Bid Award 2/15, MS 2/16) **Middle School- Additions, Roof Replacement and Selective Heavy Renovations**

Fall 2012 Referendum	New Goodwin School			New Southeast School			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Heavy Renovations	0	245	0	0	245	0	4,821	225	1,084,725	
Roof Replacement	0	15	0	0	15	0	79,538	15	1,193,070	
Solar Panels			0			0			1,953,858	
Window Replacement			0			0			450,000	
Demolish Existing School	37,466	17	636,922	38,065	17	647,105	0	17	0	
Land Acquisition (Goodwin)			450,000							
Site			3,000,000			3,000,000			950,000	
New Construction	61,012	260	15,863,120	61,012	260	15,863,120	7,163	350	2,507,050	
Total Construction Costs			19,950,042			19,510,225			8,138,703	
Estimated Soft Costs			4,389,009			4,292,250			1,790,515	
Construction and Soft Costs			24,339,051			23,802,475			9,929,218	
Escalation 3% per year	4yr	12.6%	3,066,720	4 yr	12.6%	2,999,112	5 yr	15.9%	1,578,746	
Total Project Budget			**27,405,772**			**26,801,586**			**11,507,963**	**65,715,321**
Net State Reimbursement			12,307,574			12,036,242			5,497,498	**29,841,315**
Cost to Mansfield			15,098,198			14,765,344			6,010,465	**35,874,007**
Estimated Ineligible Costs			997,502			975,511			1,220,805	
Estimated Eligible Costs			26,408,270			25,826,075			10,287,158	
State Reimbursement 62.14%			16,410,099			16,048,323			6,392,440	
Reimbursement Penalty			-4,102,525			-4,012,081			-894,942	
Net State Reimbursement			12,307,574			12,036,242			5,497,498	**29,841,315**
Existing Square Footage (net)	34,520			38,065			110,433			
Proposed Square Footage (net)	57,961			57,961			116,197			
State Allowable Sq. Footage	45,000			45,000			99,712			
Square Footage Penalty %	22%			22%			14%			
Demolish Vinton School*	34,520	17	586,840							
*Not inculded in Cost to Mansfield										

Newfield Construction, Inc.

Mansfield Schools **OPTION E** **Two New Elementary Schools at Southeast and Goodwin, Demolish**

Total Project Cost Analysis **700 Students** **Existing Southeast and Goodwin Schools, Close Vinton.**

January 5, 2012 (ES Bid Award 2/15, MS 2/16) **Middle School- Addition, Roof Replacement and Selective Heavy Renovations**

Fall 2012 Referendum	New Goodwin School			New Southeast School			Middle School			
	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Sq. Ft.	Value/ Sq Ft	Total	Grand Totals
Heavy Renovations	0	245	0	0	245	0	4,821	225	1,084,725	
Roof Replacement	0	15	0	0	15	0	79,538	15	1,193,070	
Solar Panels			0			0			1,953,858	
Window Replacement			0			0			450,000	
Demolish Existing School	37,466	17	636,922	38,065	17	647,105	0	17	0	
Land Acquisition (Goodwin)			450,000							
Site Work			3,000,000			3,000,000			950,000	
New Construction	56,413	265	14,949,445	56,413	265	14,949,445	7,163	350	2,507,050	
Total Construction Costs			19,036,367			18,596,550			8,138,703	
Estimated Soft Costs			4,188,001			4,091,241			1,790,515	
Construction and Soft Costs			23,224,368			22,687,791			9,929,218	
Escalation 3% per year	4yr	12.6%	2,926,270	4yr	12.6%	2,858,662	5yr	15.9%	1,578,746	
Total Project Budget			**26,150,638**			**25,546,453**			**11,507,963**	**63,205,054**
Net State Reimbursement			12,532,961			12,390,384			5,561,423	**30,484,768**
Cost to Mansfield			13,617,677			13,156,068			5,946,541	**32,720,286**
Estimated Ineligible Costs			1,250,748			929,828			1,220,805	
Estimated Eligible Costs			24,899,890			24,616,625			10,287,158	
State Reimbursement 62.14%			15,472,791			15,296,771			6,392,440	
Reimbursement Penalty			-2,939,830			-2,906,386			-831,017	
Net State Reimbursement			12,532,961			12,390,384			5,561,423	**30,484,768**
Existing Square Footage (net)	34,520			38,065			110,433			
Proposed Square Footage (net)	53,592			53,592			114,112			
State Allowable Sq. Footage	43,400			43,400			99,712			
Square Footage Penalty %	19%			19%			13%			

School Facilities Survey
ED050, Rev August 2011
Statutory Ref: C.G.S. 10-220

State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

Town: 078-Mansfield School: 002-Dorothy C. Goodwin

Check box if this facility is no longer used for school purposes __ Year facility closed

Section 1: Using the instruction booklet accompanying this survey, for questions 10 through 40 review the description of each item and respond accordingly.

1	Year of original construction:	1955	6	Number of portable classrooms:	0
2	Total square footage:	37864	6a	In use since (year):	0
3	Total site acreage:	12.00	7	Handicap accessibility (check one):	AllPgms
4	Year of last major renovation:	1990	8	Major code update since 1988:	Yes
5	Number of general classrooms (perm):	20	9	Building Capacity:	374

Section 2: Using the instruction booklet accompanying this answer sheet, review the description of the choices that are provided for each item and select the one that best describes your school. Select one answer only for each item and report the number associated with that choice in the space provided.

Building Features: Rating

Dedicated Specialty Areas (Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor, 0 = missing. See instructions for detailed explanation)

10	Art Room(s):	3	18	Technology in the classroom	3
11	Music Room(s):	3	19	Science Lab(s)	0
12	All Purpose Room (Gym/Aud/Caf.)	3	20	Library Media Center	2
13	Gymnasium:	0	21	Language Lab(s)	0
14	Auditorium:	0	22	Technical/Career Education	0
15	Cafeteria:	0	23	Office/Administrative Space	3
16	Outdoor Play Area(s):	3	24	Guidance/Student Services	3
17	Outdoor Athletic Facilities	0			

Systems

25	Internal Communications	3	29	Interior Lighting	3
26	Technology Infrastructure	3	30	Exterior Lighting	2
27	Air Conditioning	0	31	Roadways and Walks	3
28	Heating	3	32	Plumbing/Lavatories	2

Appearance/Upkeep

33	Building Facade	3	37	Entrance/Hallways	3
34	Grounds/Landscaping	3	38	Lighting/Fixtures	3
35	Classrooms	2	39	Cafeteria	2
36	Lavatories/Fountains	2	40	Code Compliance	3

Building Conditions

Indoor Air Quality (IAQ)

41 Has this facility been constructed, extended, renovated or replaced on or after January 1, 2003? No
If yes, please continue. If no, go to Question 45.

42 Has the district provided for a uniform inspection and evaluation program of the indoor air quality within this building, such as Environmental Protection Agency's Indoor Air Quality Tools for Schools? No
(Not required until Jan. 1, 2008). If yes, please continue. If no, go to Question 45.

43 Please indicate the program chosen:
x Tools for Schools
__ Other Name of other program: _

44 If Tools for Schools, please enter date (as mm/dd/yyyy) trained by State Dept. of Public Health 1/1/1900 or indicate here __ that training is pending. If "Other" was selected above, please indicate whether or not the selected program provides for reviews, inspections, and evaluations of each of the following:

__ HVAC Systems	__ Radon levels in water and air	__ Degree of pesticide usage
__ Ventilation systems	__ Microbiological particles	__ Chemical compounds
__ Pest infestation	__ Hazardous substances	__ Plumbing
__ Structural elements	__ Use of space	__ Staff maintenance training
__ Moisture incursion	__ Overall cleanliness	

45 With respect to this facility and the Overall Indoor Air Quality rating, for each of the following issues, indicate either 1) was a problem but has been corrected; 2) identified as a problem but issue not addressed yet; 3) problem identified and scheduled for repair; or 4) not a problem.

4 Obstructions of air vents	4 Radon remediation needed	4 Leaks (other than roof), spills, moisture
4 Filters need upgrading or replacing	4 Asbestos remediation needed	3 Plumbing problems
4 HVAC units/ventilators need cleaning	4 General cleaning improvement	4 Roof problems
2 Arts/sciences room(s) need ventilating	4 Carpet cleaning or removal needed	4 Basement or crawlspace needs upgrading
4 Outdoor air intakes need improving	4 Pests or pesticide use remediation	4 Removal of water-damaged materials needed
4 Bus exhaust	4 Classroom animal dander exposure	

46 Overall Indoor Air Quality 3
(Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor. See instructions for detailed explanation)

School Facilities Survey
ED050, Rev August 2011
Statutory Ref: C.G.S. 10-220

State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

Town: 078-Mansfield School: 002-Dorothy C. Goodwin

47 Has your district implemented a Green Cleaning Program for this facility? (Required by July 1, 2011) Yes

48 Has the facility selected the following general purpose cleaning products that meet current Department of Administrative Services standards and certified by Green Seal or EcoLogo? (Required by July 1, 2011)

General purpose cleaners	Yes	Glass cleaners	Yes
Bathroom cleaners	Yes	Carpet cleaners	Yes
Floor finishes	Yes	Floor strippers	Yes
Hand cleaners and soaps	Yes		

49 Does the written statement of the school districts green cleaning program for this facility include the following?

Types and names of environmentally preferable cleaning products	Yes
Locations of the application of cleaning products in the facility	Yes
Schedule of when such cleaning products are applied in the facility	Yes
Statement prohibiting parent, guardian, teacher or staff member bringing into the facility any consumer product which is intended to clean, deodorize, sanitize or disinfect	Yes
Name of school administrator or a designee who may be contacted for further information	Yes

50 Concerning the written statement of the school district 's green cleaning program for this facility, has the district implemented the following?

Provided the staff with a written statement of the school district 's green cleaning program	Yes
Provided the parents and guardians of each child enrolled upon request with a written statement of the school district 's green cleaning program	Yes

51

Posted the policy on the school 's web site and the board of education web site	Yes
Distributed the policy annually to staff	Yes
Distributed the policy to new staff hired during the school year and to parents or guardians of students transferred during the year	Yes
Posted the School Facility Survey (Form ED050) on the school web site and the board of education website	Yes
If the web site does not exist, the board shall make such notice otherwise publicly available	Yes

Data has been certified.

School Facilities Survey
ED050, Rev August 2011
Statutory Ref: C.G.S. 10-220

State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

Town: 078-Mansfield School: 004-Annie E. Vinton School

Check box if this facility is no longer used for school purposes __ Year facility closed

Section 1: Using the instruction booklet accompanying this survey, for questions 10 through 40 review the description of each item and respond accordingly.

1	Year of original construction:	1951	6	Number of portable classrooms:	0
2	Total square footage:	35654	6a	In use since (year):	0
3	Total site acreage:	22.00	7	Handicap accessibility (check one):	AllAreas
4	Year of last major renovation:	1990	8	Major code update since 1988:	Yes
5	Number of general classrooms (perm):	20	9	Building Capacity:	374

Section 2: Using the instruction booklet accompanying this answer sheet, review the description of the choices that are provided for each item and select the one that best describes your school. Select one answer only for each item and report the number associated with that choice in the space provided.

Building Features: Rating Rating

Dedicated Specialty Areas (Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor, 0 = missing. See instructions for detailed explanation)

10	Art Room(s):	3	18	Technology in the classroom	3
11	Music Room(s):	3	19	Science Lab(s)	0
12	All Purpose Room (Gym/Aud/Caf.)	3	20	Library Media Center	2
13	Gymnasium:	0	21	Language Lab(s)	0
14	Auditorium:	0	22	Technical/Career Education	0
15	Cafeteria:	0	23	Office/Administrative Space	3
16	Outdoor Play Area(s):	3	24	Guidance/Student Services	3
17	Outdoor Athletic Facilities	0			

Systems

25	Internal Communications	3	29	Interior Lighting	3
26	Technology Infrastructure	3	30	Exterior Lighting	2
27	Air Conditioning	0	31	Roadways and Walks	3
28	Heating	3	32	Plumbing/Lavatories	2

Appearance/Upkeep

33	Building Facade	3	37	Entrance/Hallways	3
34	Grounds/Landscaping	3	38	Lighting/Fixtures	3
35	Classrooms	2	39	Cafeteria	2
36	Lavatories/Fountains	2	40	Code Compliance	3

Building Conditions

Indoor Air Quality (IAQ)

41 Has this facility been constructed, extended, renovated or replaced on or after January 1, 2003? No
If yes, please continue. If no, go to Question 45.

42 Has the district provided for a uniform inspection and evaluation program of the indoor air quality within this building, such as Environmental Protection Agency's Indoor Air Quality Tools for Schools? No
(Not required until Jan. 1, 2008). If yes, please continue. If no, go to Question 45.

43 Please indicate the program chosen:
x Tools for Schools
__ Other Name of other program: _

44 If Tools for Schools, please enter date (as mm/dd/yyyy) trained by State Dept. of Public Health 1/1/1900 or indicate here __ that training is pending. If "Other" was selected above, please indicate whether or not the selected program provides for reviews, inspections, and evaluations of each of the following:

__ HVAC Systems	__ Radon levels in water and air	__ Degree of pesticide usage
__ Ventilation systems	__ Microbiological particles	__ Chemical compounds
__ Pest infestation	__ Hazardous substances	__ Plumbing
__ Structural elements	__ Use of space	__ Staff maintenance training
__ Moisture incursion	__ Overall cleanliness	

45 With respect to this facility and the Overall Indoor Air Quality rating, for each of the following issues, indicate either 1) was a problem but has been corrected; 2) identified as a problem but issue not addressed yet; 3) problem identified and scheduled for repair; or 4) not a problem.

4 Obstructions of air vents	4 Radon remediation needed	4 Leaks (other than roof), spills, moisture
4 Filters need upgrading or replacing	4 Asbestos remediation needed	3 Plumbing problems
4 HVAC units/ventilators need cleaning	4 General cleaning improvement	4 Roof problems
2 Arts/sciences room(s) need ventilating	4 Carpet cleaning or removal needed	4 Basement or crawlspace needs upgrading
4 Outdoor air intakes need improving	4 Pests or pesticide use remediation	4 Removal of water-damaged materials needed
4 Bus exhaust	4 Classroom animal dander exposure	

46 Overall Indoor Air Quality 3
(Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor. See instructions for detailed explanation)

School Facilities Survey
ED050, Rev August 2011
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State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

47 Has your district implemented a Green Cleaning Program for this facility? (Required by July 1, 2011) Yes

48 Has the facility selected the following general purpose cleaning products that meet current Department of Administrative Services standards and certified by Green Seal or EcoLogo? (Required by July 1, 2011)

General purpose cleaners	Yes	Glass cleaners	Yes
Bathroom cleaners	Yes	Carpet cleaners	Yes
Floor finishes	Yes	Floor strippers	Yes
Hand cleaners and soaps	Yes		

49 Does the written statement of the school districts green cleaning program for this facility include the following?

Types and names of environmentally preferable cleaning products	Yes
Locations of the application of cleaning products in the facility	Yes
Schedule of when such cleaning products are applied in the facility	Yes
Statement prohibiting parent, guardian, teacher or staff member bringing into the facility any consumer product which is intended to clean, deodorize, sanitize or disinfect	Yes
Name of school administrator or a designee who may be contacted for further information	Yes

50 Concerning the written statement of the school district 's green cleaning program for this facility, has the district implemented the following?

Provided the staff with a written statement of the school district 's green cleaning program	Yes
Provided the parents and guardians of each child enrolled upon request with a written statement of the school district 's green cleaning program	Yes

51

Posted the policy on the school 's web site and the board of education web site	Yes
Distributed the policy annually to staff	Yes
Distributed the policy to new staff hired during the school year and to parents or guardians of students transferred during the year	Yes
Posted the School Facility Survey (Form ED050) on the school web site and the board of education website	Yes
If the web site does not exist, the board shall make such notice otherwise publicly available	Yes

Data has been certified.

School Facilities Survey
ED050, Rev August 2011
Statutory Ref: C.G.S. 10-220

State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

Town: 078-Mansfield School: 005-Southeast Elementary School

Check box if this facility is no longer used for school purposes __ Year facility closed

Section 1: Using the instruction booklet accompanying this survey, for questions 10 through 40 review the description of each item and respond accordingly.

1	Year of original construction:	1955	6	Number of portable classrooms:	4
2	Total square footage:	39190	6a	In use since (year):	2001
3	Total site acreage:	16.00	7	Handicap accessibility (check one):	AllPgms
4	Year of last major renovation:	1990	8	Major code update since 1988:	Yes
5	Number of general classrooms (perm):	18	9	Building Capacity:	410

Section 2: Using the instruction booklet accompanying this answer sheet, review the description of the choices that are provided for each item and select the one that best describes your school. Select one answer only for each item and report the number associated with that choice in the space provided.

Building Features: Rating

Dedicated Specialty Areas (Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor, 0 = missing. See instructions for detailed explanation)

10	Art Room(s):	3	18	Technology in the classroom	3
11	Music Room(s):	3	19	Science Lab(s)	0
12	All Purpose Room (Gym/Aud/Caf.)	3	20	Library Media Center	2
13	Gymnasium:	0	21	Language Lab(s)	0
14	Auditorium:	0	22	Technical/Career Education	0
15	Cafeteria:	0	23	Office/Administrative Space	3
16	Outdoor Play Area(s):	3	24	Guidance/Student Services	3
17	Outdoor Athletic Facilities	0			

Systems

25	Internal Communications	3	29	Interior Lighting	3
26	Technology Infrastructure	3	30	Exterior Lighting	3
27	Air Conditioning	0	31	Roadways and Walks	3
28	Heating	3	32	Plumbing/Lavatories	2

Appearance/Upkeep

33	Building Facade	3	37	Entrance/Hallways	3
34	Grounds/Landscaping	3	38	Lighting/Fixtures	3
35	Classrooms	2	39	Cafeteria	2
36	Lavatories/Fountains	2	40	Code Compliance	3

Building Conditions

Indoor Air Quality (IAQ)

41 Has this facility been constructed, extended, renovated or replaced on or after January 1, 2003? No
If yes, please continue. If no, go to Question 45.

42 Has the district provided for a uniform inspection and evaluation program of the indoor air quality within this building, such as Environmental Protection Agency's Indoor Air Quality Tools for Schools? No
(Not required until Jan. 1, 2008). If yes, please continue. If no, go to Question 45.

43 Please indicate the program chosen:
x Tools for Schools
__ Other Name of other program: _

44 If Tools for Schools, please enter date (as mm/dd/yyyy) trained by State Dept. of Public Health 1/1/1900 or indicate here __ that training is pending. If "Other" was selected above, please indicate whether or not the selected program provides for reviews, inspections, and evaluations of each of the following:

__ HVAC Systems	__ Radon levels in water and air	__ Degree of pesticide usage
__ Ventilation systems	__ Microbiological particles	__ Chemical compounds
__ Pest infestation	__ Hazardous substances	__ Plumbing
__ Structural elements	__ Use of space	__ Staff maintenance training
__ Moisture incursion	__ Overall cleanliness	

45 With respect to this facility and the Overall Indoor Air Quality rating, for each of the following issues, indicate either 1) was a problem but has been corrected; 2) identified as a problem but issue not addressed yet; 3) problem identified and scheduled for repair; or 4) not a problem.

4 Obstructions of air vents	4 Radon remediation needed	4 Leaks (other than roof), spills, moisture
4 Filters need upgrading or replacing	4 Asbestos remediation needed	3 Plumbing problems
4 HVAC units/ventilators need cleaning	4 General cleaning improvement	4 Roof problems
2 Arts/sciences room(s) need ventilating	4 Carpet cleaning or removal needed	4 Basement or crawlspace needs upgrading
4 Outdoor air intakes need improving	4 Pests or pesticide use remediation	4 Removal of water-damaged materials needed
4 Bus exhaust	4 Classroom animal dander exposure	

46 Overall Indoor Air Quality 3
(Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor. See instructions for detailed explanation)

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47 Has your district implemented a Green Cleaning Program for this facility? (Required by July 1, 2011) Yes

48 Has the facility selected the following general purpose cleaning products that meet current Department of Administrative Services standards and certified by Green Seal or EcoLogo? (Required by July 1, 2011)

General purpose cleaners	Yes	Glass cleaners	Yes
Bathroom cleaners	Yes	Carpet cleaners	Yes
Floor finishes	Yes	Floor strippers	Yes
Hand cleaners and soaps	Yes		

49 Does the written statement of the school districts green cleaning program for this facility include the following?

Types and names of environmentally preferable cleaning products	Yes
Locations of the application of cleaning products in the facility	Yes
Schedule of when such cleaning products are applied in the facility	Yes
Statement prohibiting parent, guardian, teacher or staff member bringing into the facility any consumer product which is intended to clean, deodorize, sanitize or disinfect	Yes
Name of school administrator or a designee who may be contacted for further information	Yes

50 Concerning the written statement of the school district 's green cleaning program for this facility, has the district implemented the following?

Provided the staff with a written statement of the school district 's green cleaning program	Yes
Provided the parents and guardians of each child enrolled upon request with a written statement of the school district 's green cleaning program	Yes

51

Posted the policy on the school 's web site and the board of education web site	Yes
Distributed the policy annually to staff	Yes
Distributed the policy to new staff hired during the school year and to parents or guardians of students transferred during the year	Yes
Posted the School Facility Survey (Form ED050) on the school web site and the board of education website	Yes
If the web site does not exist, the board shall make such notice otherwise publicly available	Yes

Data has been certified.

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State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

Town: 078-Mansfield School: 051-Mansfield Middle School

Check box if this facility is no longer used for school purposes __ Year facility closed

Section 1: Using the instruction booklet accompanying this survey, for questions 10 through 40 review the description of each item and respond accordingly.

1	Year of original construction:	1969	6	Number of portable classrooms:	4
2	Total square footage:	118338	6a	In use since (year):	1996
3	Total site acreage:	30.00	7	Handicap accessibility (check one):	AllPgms
4	Year of last major renovation:	1999	8	Major code update since 1988:	Yes
5	Number of general classrooms (perm):	31	9	Building Capacity:	764

Section 2: Using the instruction booklet accompanying this answer sheet, review the description of the choices that are provided for each item and select the one that best describes your school. Select one answer only for each item and report the number associated with that choice in the space provided.

Building Features: Rating

Dedicated Specialty Areas (Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor, 0 = missing. See instructions for detailed explanation)

10	Art Room(s):	3	18	Technology in the classroom	4
11	Music Room(s):	3	19	Science Lab(s)	3
12	All Purpose Room (Gym/Aud/Caf.)	0	20	Library Media Center	4
13	Gymnasium:	4	21	Language Lab(s)	0
14	Auditorium:	4	22	Technical/Career Education	3
15	Cafeteria:	4	23	Office/Administrative Space	3
16	Outdoor Play Area(s):	2	24	Guidance/Student Services	3
17	Outdoor Athletic Facilities	3			

Systems

25	Internal Communications	3	29	Interior Lighting	3
26	Technology Infrastructure	4	30	Exterior Lighting	3
27	Air Conditioning	3	31	Roadways and Walks	3
28	Heating	4	32	Plumbing/Lavatories	3

Appearance/Upkeep

33	Building Facade	3	37	Entrance/Hallways	3
34	Grounds/Landscaping	4	38	Lighting/Fixtures	3
35	Classrooms	3	39	Cafeteria	4
36	Lavatories/Fountains	3	40	Code Compliance	3

Building Conditions

Indoor Air Quality (IAQ)

41 Has this facility been constructed, extended, renovated or replaced on or after January 1, 2003? Yes
If yes, please continue. If no, go to Question 45.

42 Has the district provided for a uniform inspection and evaluation program of the indoor air quality within this building, such as Environmental Protection Agency's Indoor Air Quality Tools for Schools? Yes
(Not required until Jan. 1, 2008). If yes, please continue. If no, go to Question 45.

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__ HVAC Systems	__ Radon levels in water and air	__ Degree of pesticide usage
__ Ventilation systems	__ Microbiological particles	__ Chemical compounds
__ Pest infestation	__ Hazardous substances	__ Plumbing
__ Structural elements	__ Use of space	__ Staff maintenance training
__ Moisture incursion	__ Overall cleanliness	

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4 HVAC units/ventilators need cleaning	4 General cleaning improvement	4 Roof problems
4 Arts/sciences room(s) need ventilating	4 Carpet cleaning or removal needed	4 Basement or crawlspace needs upgrading
4 Outdoor air intakes need improving	4 Pests or pesticide use remediation	4 Removal of water-damaged materials needed
4 Bus exhaust	4 Classroom animal dander exposure	

46 Overall Indoor Air Quality 4
(Scale: 4 = excellent, 3 = good, 2 = fair, 1 = poor. See instructions for detailed explanation)

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Hartford, CT 06106-1630

47 Has your district implemented a Green Cleaning Program for this facility? (Required by July 1, 2011) Yes

48 Has the facility selected the following general purpose cleaning products that meet current Department of Administrative Services standards and certified by Green Seal or EcoLogo? (Required by July 1, 2011)

General purpose cleaners	Yes	Glass cleaners	Yes
Bathroom cleaners	Yes	Carpet cleaners	Yes
Floor finishes	Yes	Floor strippers	Yes
Hand cleaners and soaps	Yes		

49 Does the written statement of the school districts green cleaning program for this facility include the following?

Types and names of environmentally preferable cleaning products	Yes
Locations of the application of cleaning products in the facility	Yes
Schedule of when such cleaning products are applied in the facility	Yes
Statement prohibiting parent, guardian, teacher or staff member bringing into the facility any consumer product which is intended to clean, deodorize, sanitize or disinfect	Yes
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50 Concerning the written statement of the school district 's green cleaning program for this facility, has the district implemented the following?

Provided the staff with a written statement of the school district 's green cleaning program	Yes
Provided the parents and guardians of each child enrolled upon request with a written statement of the school district 's green cleaning program	Yes

51

Posted the policy on the school 's web site and the board of education web site	Yes
Distributed the policy annually to staff	Yes
Distributed the policy to new staff hired during the school year and to parents or guardians of students transferred during the year	Yes
Posted the School Facility Survey (Form ED050) on the school web site and the board of education website	Yes
If the web site does not exist, the board shall make such notice otherwise publicly available	Yes

Data has been certified.

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State Of Connecticut
Department Of Education
Bureau of School Facilities
165 Capitol Avenue
Hartford, CT 06106-1630

Town: **078-Mansfield**
Phone: 860-429-3326
E-Mail: hammonwd@mansfieldct.org

Contact Person: William Hammon
Fax: 860-429-3388

District-wide facility planning/maintenance: (see instructions)

D1	Long-Range Building Plan	4	D4	Building Maintenance Plan	3
D2	Building Plan Implementation	3	D5	Maintenance Plan Implementation	3
D3	Equipment Repair/Replacement	3	D6	Green Cleaning Program	4
D7	IAQ Maintenance Program	Yes			
D7a	If yes, provide name of plan:				
	x Tools for Schools	__ Other			

D8 Indicate any additional actions that have been taken to implement the long-term IAQ program (check all that apply):

x Adopted district policy regarding custodial/maintenance staff training for IAQ.
x Established a staff IAQ coordinator position.
__ Established a formal reporting/response procedure for IAQ issues.
__ Other:

Data has been certified.