

Needham, Massachusetts

Capital Project Fund Overview

School-Related Capital Projects

This section presents school-related capital projects. It includes both projects appropriated to the School Committee, as well as school-related capital projects requested by other Town departments on the School Committee's behalf, including:

- the Public Facilities Department (PFD), which is responsible for facility repair and maintenance, and for managing construction and renovation projects valued at less than \$500,000;
- the Permanent Public Building Committee (PPBC), which is responsible for overseeing projects valued at \$500,000 or more for the construction, reconstruction, alteration or enlargement of Town-owned buildings, or construction on Town-controlled land;
- the Department of Public Works/Forestry Division (DPW/FOR), which is responsible for overseeing athletic facility improvements (including facilities adjacent to school buildings); and
- the Town's Information Technology Department, which manages central technology applications such as the unified financial system

Pages 4-7 of this summary present information about all school-related capital project expenditures and revenues for FY08, FY09, FY10 and FY11, including those projects requested by/appropriated to other Town departments on the School Committee's behalf. The chart on page 8, however, reflects only those capital projects requested directly by the School Committee. (School-related projects requested by/appropriated to other Town departments are not included in this chart.) Detailed information about each project included in the School Committee's five-year Capital Improvement Program request follows under "Capital Project Detail."

Information about the Capital Budget, the Capital Improvement Program, the capital budgeting process and capital policies is found in the "Reader's Guide."

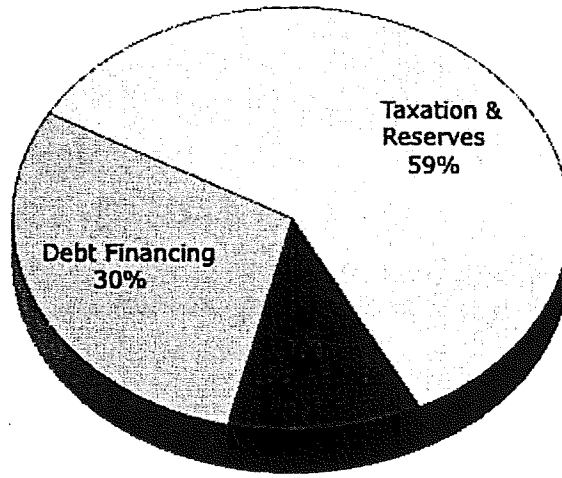
Debt Service and Debt Information

Under state law, school departments of towns are not empowered to issue debt. MGL Ch44 Sect. 7 limits the ability to incur debt to Town Meeting, upon two-thirds vote, for specific purposes as outlined in the statute.

Debt information is presented in the "Debt Detail" section of this document. Town of Needham debt policies are summarized in the "Reader's Guide."

FY11 Total School-Related Capital Project Revenues by Source

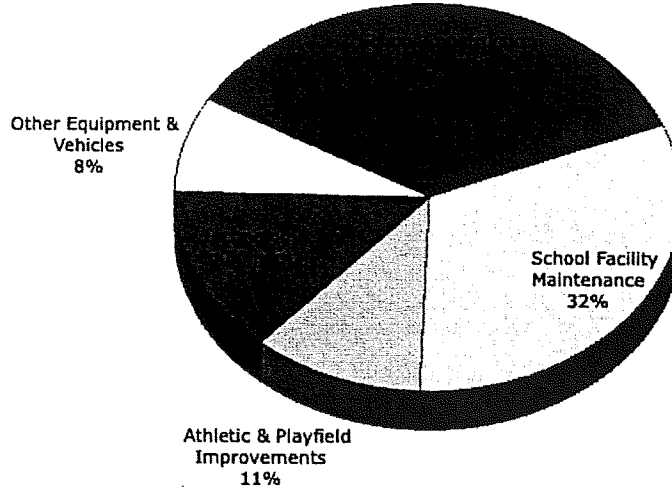
FY11 School-Related Capital
Revenue by Source
\$1,352,850



<u>Capital Revenue by Source</u>	<u>FY08 Actual</u>	<u>FY09 Actual</u>	<u>FY10 Budget</u>	<u>FY11 Budget</u>	<u>\$ Inc/(Dec)</u>	<u>% Inc/(Dec)</u>	<u>% Total FY11</u>
Use of Fund Balance	12,778,405	18,139,599	0	0	0	0.0%	0.0%
Taxation & Reserves	0	1,970,388	782,674	799,250	16,576	2.1%	59.1%
Other Local Funds	238,497	326,019	232,200	153,600	-78,600	-33.9%	11.4%
Debt Financing	0	156,333	0	400,000	400,000	100.0%	29.6%
Debt Exclusions	<u>2,845,913</u>	<u>0</u>	<u>27,412,128</u>	<u>0</u>	<u>-27,412,128</u>	<u>-100.0%</u>	<u>0.0%</u>
TOTAL	15,862,815	20,592,340	28,427,002	1,352,850	-27,074,152	-95.2%	100.0%

FY11 Total School-Related Capital Project Expenditures by Type

FY11 School-Related Capital Expenditures by Type
\$1,352,850



<u>Capital Expenditures by Type</u>	<u>FY08 Actual</u>	<u>FY09 Actual</u>	<u>FY10 Budget</u>	<u>FY11 Budget</u>	<u>\$ Inc/(Dec)</u>	<u>% Inc/(Dec)</u>	<u>% Total FY11</u>
School Construction & Renovation	14,629,688	18,406,443	27,412,128	480,000	-26,932,128	-98.2%	35.5%
School Facility Maintenance	580,945	651,422	606,600	430,000	-176,600	-29.1%	31.8%
Athletic & Playfield Improvements	0	1,153,176	107,200	146,600	39,400	36.8%	10.8%
Technology Infrastructure Upgrades	409,224	331	50,000	0	-50,000	-100.0%	0.0%
Technology Equipment	164,422	296,552	169,393	188,600	19,207	11.3%	13.9%
Other Equipment & Vehicles	78,536	72,396	81,681	107,650	25,969	31.8%	8.0%
Other Miscellaneous	0	12,019	0	0	0	0.0%	0.0%
TOTAL	15,862,815	20,592,340	28,427,002	1,352,850	-27,074,152	-95.2%	100.0%

Historical School-Related General Fund Capital, by Funding Source				Department Requested FY08	Final Approved FY08	Carry Over Revenue FY08	Actual FY08
Fund	Dept	Taxation & Reserves (Primary Cash)					
		Equipment Requests					
3411	3040	School Furniture & Musical Equipment - Prior Year				52	
3616	3040	FY07 School Furniture & Musical Equipment				4,995	4,462.00
3816	C031	FY09 School Furniture & Musical Equipment					
3910	C031	FY10 School Furniture & Musical Equipment					
TBD	TBD	FY11 School Furniture & Musical Equipment					
3614	3040	FY07 School Photocopier Replacement				4,793.50	
3910	C004	FY10 School Photocopier Replacement					
TBD	TBD	FY11 School Photocopier Replacement					
Various	Various	Prior Year School Technology Replacement				(0.77)	(0.77)
3816	C030	FY09 School Technology Replacement					
3910	C030	FY10 School Technology Replacement					
TBD	TBD	FY11 School Technology Replacement					
TBD	TBD	FY11 New School Technology (Smartboards)					
3816	C029	Communications Archiving System					
N/A	N/A	Financial System Upgrade (Joint Request with Town)		-	-	-	-
TBD	TBD	Financial System Hardware Upgrade (Joint Request with Town)					
N/A	N/A	Document Digital Imaging System (Joint Request with Town)		36,000	-		
N/A	N/A	Hillside & Mitchell Schools Cooking Equipment Upgrade		63,000	-		
N/A	N/A	Science Center Improvements		-	-	-	-
		Subtotal		99,000	-	9,839	4,461
		Facility Improvements					
3816	C027	Broadmeadow Data Room AC Upgrade					
3108	1933	Hillside School Fire Alarm				1,269	
3504	1933	Hillside School Media Center Upgrade				293	
3910	C040	Hillside School Replacement/Install Exterior Doors					
3910	C041	Technology & Electrical Infrastructure Study - Hillside & Mitchell		25,000	-		
3420	1934	Mitchell School Media Center Upgrade				38	
3611	1934	Mitchell School Roof Design				7,500.00	7,500.00
3814	9300	Newman School Reconstruction Design & Engineering					
3626	9300	Pollard Portable Classroom Design				30,000	
N/A	N/A	Pollard School Parking Study		50,000	-		
3625	3300	Pollard School Technology Design				1,000	1,000.00
TBD	TBD	Pollard Middle School Condition Assessment		-	-	-	-
3014	1936	Pollard School Improvements		-	-	-	-
3816	C028	Pollard School Doors & Locks					
032	9568	NHS Communication System				2,444.50	2,444.50
Various	Various	Prior Year School Facility Maintenance				3,000	3,000
3816	C025	Facilities Maintenance Program FY09		217,000	217,000	-	-
3910	C025	Facilities Maintenance Program FY10					
3910	C025	Facilities Maintenance Program FY11		-	-	-	-
		Subtotal		292,000	217,000	45,545	13,945
		Field & Athletic Improvements					
TBD	TBD	Athletic Facility Improvements				10,361	
3813	6300	DeFazio Field & Memorial Park Athletic Fields					
TBD	TBD	Memorial Park Crowd Control Fencing & Bleachers					
N/A	N/A	Memorial Park Perimeter Fencing		-	-	-	-
		Subtotal		-	-	10,361	-
		Grand Total Taxation & Reserves		391,000	217,000	65,745	18,406
		Other Local Funds					
		Equipment Requests					
3709	C003	School Furniture & Musical Equipment (FY07 Budget Transfer)		52,050	33,300		33,191.35
3709	C004	School Photocopier Replacement (FY07 Budget Transfer)		43,035	43,035		40,882.80
3709	C005	School Technology Replacement (FY07 Budget Transfer)		256,729	194,079		164,423.19
3814	C021	Public Schools Delivery Van (FY08 Budget Transfer)		-	-		-
		Subtotal		351,814	270,414	-	238,497
3814	C022	Newman Electrical Systems Improvements (FY08 Budget Transfer)					
3918	3250	Newman Oil Tank Removal (Unspent Electrical Systems Article)					
3815	9300	Newman School Reconstruction Design & Engineering (FY08 Budget Transfer)					142.35
3814	C023	Newman & Hillside Storage Sheds (FY08 Budget Transfer)					
3515	1936	Pollard School Technology Upgrade Design (Unexpended Article Balance)					
TBD	TBD	Hillside & Newman Condition Assessment (Unspent Article)		-	-	-	-
		Subtotal		-	-	-	142
		Field & Athletic Improvements					
3013	C048	Athletic Facility Improvements (Unspent Article)		-	-	-	-
		Subtotal		-	-	-	-
		Grand Total Other Local Funds		351,814	270,414	-	238,640

Department Requested FY09	Final Approved FY09	Carry Over Revenue FY09	Actual FY09	Department Requested FY10	Final Approved FY10	Carry Over Revenue FY10	Actual FY10	Department Requested FY11	Approved FY11
		52	52.10			(1)			
		533	532.95			0			
52,050	52,050		50,865.78			1,184	1,160		
				45,100	35,100	-	35,071	55,950	55,950
		4,794	4,793.56			(0)			
				87,012	46,581	-	46,374	51,700	51,700
		14	14.00			-			
265,500	212,500		212,500.00			-			
				375,650	169,393	-	165,723	259,800	38,600
141,152						-		64,000	-
45,740	45,740		34,014.69			11,725	11,700	-	-
-	-		-	350,000	-	-	-	990,000	-
140,000	-		-	140,000	-	-	-	150,000	150,000
-	-		-			-	-	140,000	-
-	-		-	9,000	-	-	-	-	-
644,442	310,290	5,392	302,773	1,006,762	251,074	12,909	260,028	1,711,450	296,250
25,000	25,000		24,743.00			257			
		1,269				1,269			
100,000	-	293	292.99	181,600	81,600	-	64,530	(50,000)	-
50,000	-			50,000	50,000	-	-		
		38	38.45			(0)			
350,000	350,000		311,508.39			38,492	32,906		
		30,000				30,000	30,000		
50,000	-			75,000	-	-	-		
-	-		-	-	-	-	-	30,000	30,000
175,000	175,000		-	-	-	-	-	30,000	30,000
						-	-		
220,000	220,000		183,580.88			36,419	10,842		
				450,000	400,000	-	397,820		
-	-		-	-	-	-	-	450,000	400,000
970,000	770,000	31,600	520,164	756,600	531,600	281,436	700,027	460,000	460,000
160,000	-	10,361				346,824	76,797		
1,500,000	1,500,000		1,153,175.64	64,120	-	-	-	63,000	43,000
-	-		-	49,300	-	-	-	-	-
1,660,000	1,500,000	10,361	1,153,176	113,420	-	346,824	76,797	63,000	43,000
3,274,442	2,580,290	47,354	1,976,112	1,876,782	782,674	641,170	1,036,853	2,234,450	799,250
		109				109	106		
		2,152	2,151.79			0			
14,000	14,000	29,656	25,280.44			4,375	-		
-	-		14,000.00			-	-		
14,000	14,000	31,917	41,432	-	-	4,484	106	-	-
175,000	125,000			No CarryOver - Realloc to Oil T		125,000	125,000		
-	-			125,000	125,000	-	-		
300,000	300,000		300,000.00			-	-		
20,000	20,000		12,019.33			7,981	335		
-	-		-			-	-	50,000	50,000
495,000	445,000	-	312,019	125,000	125,000	132,981	125,335	50,000	50,000
-	-		-			-	-		
-	-		-	107,200	107,200	-	-	103,600	103,600
-	-		-	107,200	107,200	-	-	103,600	103,600
509,000	459,000	31,917	353,452	232,200	232,200	137,465	125,441	153,600	153,600

		Department Requested FY08	Final Approved FY08	Carry Over Revenue FY08	Actual FY08
Historical School-Related General Fund Capital, by Funding Source					
<u>Debt</u>					
3906	9300			330.00	
3302	9300			4,004.00	
3600	1936			43.00	
3907	9300			521.00	
3602	1937			462.00	
3808	1937			1,943.00	
3809	9300			407.00	
3811	9300			3,774.00	
3627	9300			688,600	568,000.46
3704	1934			1,151	
3615	3040			14	
3821	1930				
N/A	N/A	1,710,000	-		
N/A	N/A				
TBD	TBD				
N/A	N/A				
TBD	TBD				
Subtotal		1,710,000	-	701,249	568,000
<u>Debt Exclusions</u>					
3012	9300			23,540	86,701.00
3624	9300			70,875	70,874.80
3316	9300			12,641,002	11,026,107.44
3501	9300			6,991,116	1,008,173.44
3601	1935			28,125	
3204	9300			1,969	
3708	3300	775,118	804,999		408,223.70
3708	3620/9300	19,688,000	19,670,000		2,437,689.11
N/A	N/A	570,000			
3911	9300				
3250	3920				
Subtotal		21,033,118	20,474,999	19,756,627	15,037,769
GRAND TOTAL		23,485,932	20,962,413	20,523,622	15,862,815

Department Requested FY09	Final Approved FY09	Carry Over Revenue FY09	Actual FY09	Department Requested FY10	Final Approved FY10	Carry Over Revenue FY10	Actual FY10	Department Requested FY11	Approved FY11
		330.00				330			
		4,004				4,004			
		43				43			
		521.00				521			
		462				462			
		1,943				1,943			
		407				407			
		3,774				3,774			
		90,600				11,999			
		1,151				1,151			
156,140	160,000		156,332.61			3,667			
163,930	-			188,700	-	-		249,400	-
-	-			450,000	-	-		363,700	-
-	-			240,091	-	-			
-	-			-	-	-		450,220	400,000
320,070	160,000	103,235	156,333	878,791	-	28,301	-	1,063,320	400,000
		23,540	1,235.00			22,305			
		1,614,895	1,549,631.11			65,265	8,553		
		5,982,943	4,600,863.23			1,382,079	1,314,861		
		28,125				28,125			
		1,969				1,969			
		396,775				396,775			
-	-	17,232,312	11,954,713.58	-	-	5,584,818	2,919,127		
-	-			-	-	-			
-	-			450,000	450,000	-	288,738		
-	-			26,962,128	26,962,128	-	191,749		
-	-	25,280,559	18,106,443	27,412,128	27,412,128	7,481,337	4,723,028		
4,103,512	3,199,290	25,463,063	20,592,340	30,399,901	28,427,002	8,288,273	5,885,321	3,451,370	1,352,850

FY11-15 School Committee Capital Improvement Program Request*

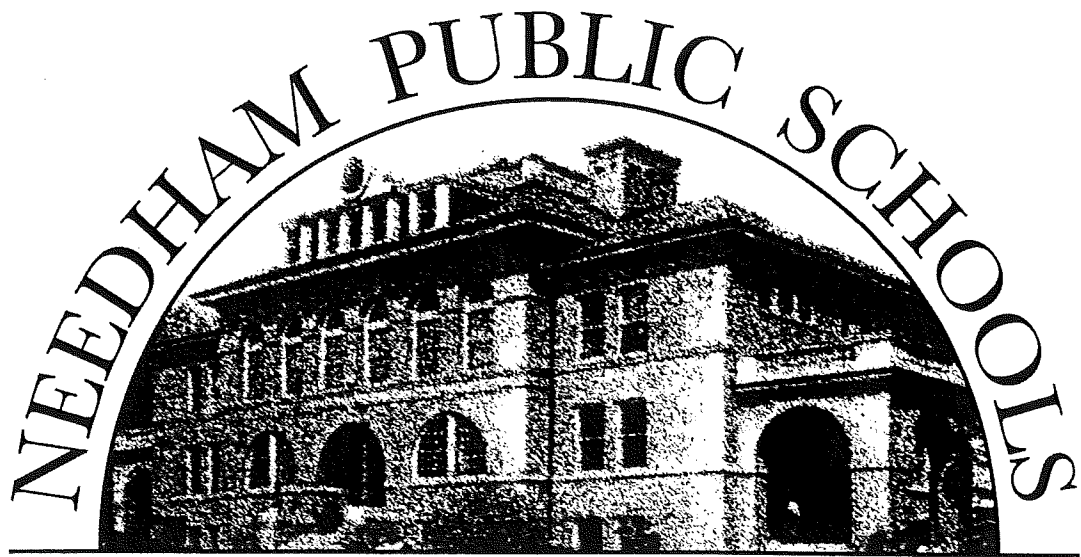
* Includes projects requested by the School Committee only on its behalf; excludes other school-related projects requested by other Town Departments.

FY11-15 School Committee Capital Improvement Request

Tier Priority	School Department CIP Requests	2009 Appropriated	2010 Appropriated	2011 Requested	2011 Recomm.	2012 Requested	2013 Requested	2014 Requested	2015 Requested	Five Year Cost	
Ongoing Replacement Programs											
I	1	School Technology Replacement	212,500	169,393	259,800	38,600	349,100	384,000	362,000	316,400	1,450,100
I	1	School Photocopier Replacement	0	46,581	51,700	51,700	66,700	68,300	62,900	54,100	303,700
I	1	School Musical Instrument Replacement	15,000	12,000	15,000	15,000	15,000	15,000	15,000	15,000	75,000
I	1	School Furniture Replacement	37,050	23,100	40,950	40,950	37,750	28,450	41,600	34,180	182,930
		Subtotal	264,550	251,074	367,450	146,250	468,550	495,750	481,500	419,680	2,011,730
FY 11-15 Additional Requests											
Facilities Construction and Renovation											
II	2	School Modular Classrooms			358,700	0	376,600				376,600
II	2	Pollard Parking Lot and Bus Loop Improvements			249,400	0					0
II	2	Pollard School Improvements Feasibility Study			30,000	30,000					30,000
II	2	Technology & Electrical Infrastructure Upgrade		50,000		0	741,200				741,200
		Subtotal	-	50,000	638,100	30,000	1,117,800				1,147,800
Facility Assessments											
II	2	Pollard Condition Assessment			30,000	30,000					30,000
II	2	Mitchell and Hillside Condition Assessment			50,000	50,000					50,000
II	2	Emery Grover Feasibility Study					30,000				30,000
		Subtotal			80,000	80,000	30,000				110,000
Other											
III	3	New School Technology			64,000	0	70,200	80,800	45,000	28,800	224,800
III	3	Science Center Improvements								24,215	24,215
III	3	School Bus Replacement					85,000				85,000
		Subtotal	45,740		64,000	0	155,200	80,800	45,000	53,015	334,015
		Grand Total	310,290	301,074	1,149,550	256,250	1,771,550	576,550	526,500	472,695	3,603,545

FY 16-20 Future Requests

	2016 Requested	2017 Requested	2018 Requested	2019 Requested	Five Year Cost
New Elementary School	31,468,700				31,468,700
Renovated Mitchell School	24,433,400				24,433,400
Renovated Hillside School	23,781,900				23,781,900
Subtotal	79,684,000	0	0	0	79,684,000



Needham, Massachusetts

*Capital Project
Project Detail*

School Technology Replacement Program

Equipment & Technology Requests										
School Technology Replacement Program					Fiscal Year					
School Department					FY 11-15					
Funding		CPA		Classification		T		Type		
Description and Justification		See below		TH						
Breakdown (Listed in Priority Order)										
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 4	
1		Network Servers for information systems and data (8)	4	3 yr	0	0	0	\$41,000	0	
2		IMac Intel 20" desktop computer - admin and teacher computers (133)	4	8-10yr	\$38,600	0	0	0	0	
3		MacBook laptop cart - student computers - Newman (25)	4	7 yr	0	0	0	0	0	
4		IMac Intel 20" desktop computer - student computers (34)	4	7 yr	0	0	0	0	0	
5		HP Linux notebook computers (or comparable) - student computers - Pollard (35)	4	8-10yr	0	0	0	0	0	
6		Xerox, solid ink Phaser printers - 2 admin, 2 instructional	4	7 yr	0	0	0	0	0	
7		Year 2 Replacements - See Attachment				\$349,100				
8		Year 3 Replacements - See Attachment					\$384,000	0		
9		Year 4 Replacements - See Attachment						\$321,000		
10		Year 5 Replacements - See Attachment							\$316,400	
TOTALS					\$38,600	\$349,100	\$384,000	\$362,000	\$316,400	
Budget Considerations										
What is the estimated impact on the operating budget?		0		Maintaining and Servicing of the Equipment (check all that apply)		Requesting Department's Staff		Contracted Services		
						Another Department's Staff		Other		
								X		
Budget Considerations										
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this request?										
					Yes		No		X	

Equipment & Technology Requests

Title	School Technology Replacement Program	Fiscal Year	FY 11-15
If another department provides support (personnel or financial), has the department been consulted before submission of this request?			x
Does the other department manager support the request?			x
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			x
Will additional staff be required if the request is approved?			x
Does the request support activities that produce revenue for the Town?			x
If the request is not approved will Town revenues be negatively impacted?			
Is there an increased exposure for the Town if the request is not approved?			x
Is specialized training or licensing required (beyond the initial purchase)?			
If applicable, will the item(s) being replaced be retained by the Town?			x
Explanations			

Explanation of FY11 Funding request:

1. Replacement of network servers: 6 @ \$6000 and 2 @ \$2500 = \$41,000. These servers are critical to the continuous use of the district's information systems. (see attached) Although some of our systems are web based, the in-house systems require a replacement cycle of three years, the length of the maintenance contract. As critical servers are replaced, they are delegated to a less critical function and kept in the inventory for approximately six years. **Town Meeting recommended that the School Department use one-time federal stimulus funds to purchase the servers; \$0 capital funding approved.**

2. Replacement of Administrative and Teacher Computers: 133 @ \$1000 = \$135,000. This request includes 133 administrative and teacher computers that have reached end-of-life cycle, 7-8 years or are not repairable. The requests are building-based, calculated on the inventory quantities that need to be retired and the continued use of information and instructional systems in the daily educational environment.

The teacher computer is both an administrative and instructional tool. We expect teachers to use communications tools, Power School (the student information system), and web based systems throughout the day to accomplish their management tasks. We also expect teachers to use the instructional software and web-based tools to plan, organize and deliver curriculum to students. Teachers with eight year-old computers struggle to perform these tasks efficiently. These computers require continuous support from the technical staff. **Town Meeting approved capital funding in the amount of \$38,600 for replacement computers, and recommended that the School Department purchase the balance of the request (\$96,400) from one-time federal stimulus funds.**

3. Replacement of student computers with laptop cart of 25 units (Newman) \$29,700

4. Replacement of student desktop computers: 34@ \$1000 = \$34,000

5. Replacement of student computers with notebooks: (Pollard) 35 @ \$500 = \$17,500

These replacements are for units that have been in use for seven or more years. The laptop cart is for Newman, in anticipation of an FY '11 relocation. The notebooks are for Pollard, where we are beginning to pilot the use of inexpensive netbook computers. If the pilot is successful, we will be recommending that students provide their own notebooks in grades 8-12, thus impacting the future replacement cycles. **Town Meeting recommended that the School Department use one-time federal stimulus funds to purchase the aforementioned replacement computers; \$0 capital funding approved.**

6. Replacement Printers: 4@ \$650 = \$2,600. These printers are needed at Eliot and Broadmeadow in the main offices and at Pollard for the grade level offices. **Town Meeting recommended that the School Department use one-time federal stimulus funds to purchase**

Equipment & Technology Requests

Title	School Technology Replacement Program	Fiscal Year	FY 11-15
<p><i>the replacement printers; \$0 capital funding approved.</i></p>			
<p>There are no additional requests for SMART Boards or other technology related devices or systems.</p>			
<p>The reduction in the FY '10 CIP request for technology replacements creates a ripple effect throughout the long-term district replacement cycle. The FY '09 deployment model that captures the programmatic needs of schools and departments, rather than the formulaic ratio distributions was used in making adjustments to the cycle. There are estimated reductions in future years for Pollard and NHS, based on enrollment at Pollard and the introduction of student-owned netbooks or wireless devices, in grades 8-12 for writing, communication and research. High Rock students may also be required to provide a netbook, when the laptop inventory there is retired.</p>			
<p>Replacement</p>			
<p>1. Replace Broadmeadow technology over four years beginning in '09.</p>			
<p>2. Replace Eliot technology over three years, beginning in '10</p>			
<p>3. Replace High School technology over five years, FY 12 – 16, including data projectors</p>			
<p>4. Maintain a 7 year replacement cycle for all other instructional computers</p>			
<p>5. Maintain a 5 year replacement cycle for administrative computers, as needed</p>			
<p>6. Maintain current inventory quantities, with adjustments for programmatic needs</p>			
<p>7. Replace and recycle data servers in year 4</p>			
<p>8. Replace printers with new deployment model for shared laser printing and eliminating inkjet printing over the next five years. This has been delayed at three schools.</p>			

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School Photocopier Replacement Program

Equipment & Technology Requests													
Title	School Photocopier Replacement Program	Fiscal Year	2011-15										
Department	School Department												
Funding	General Fund	Classification	E	Type	OX								
<p>Description and Justification</p>	<p>In May 2003, Town Meeting authorized \$60,000 in first-year funding to establish a replacement cycle for school photocopiers. School photocopiers are located in all of the schools and the administration building, and are used both by administrative and teaching staff. Teachers use the machines to reproduce classroom materials, including homework sheets, exams, teaching packets, etc. Currently, the School Department owns 57 copiers and 7 RISO copy machines. In FY04, 9 photocopiers were replaced; in FY05, 5 copiers and 1 RISO were replaced; in FY06, 8 copiers were replaced, in FY07, 4 copiers were replaced. In FY08 4 copiers were replaced, and one will be replaced at the Mitchell School in FY09. In FY2010, 5 new copiers will added to the fleet, including 2 copiers added at the High Rock School, paid for out of the school construction budget. The pricing of the FY2010 copiers was reduced from state contract pricing by trading in to IKON the 3 copiers the new copiers replaced. Also, 2 additional low volume NPS copiers were traded to IKON in exchange for 3 years of free service on the 2 new copy machines at High Rock. In FY11, replacement of copiers at the following locations is requested: High School World Language, High School Music, Mitchell Elementary, Pollard Middle School, Eliot Elementary.</p> <p>Without ongoing support from the capital budget, the copy machine fleet (for both office and teaching staff) will continue to age, fall into disrepair, and be removed from the schools, without a replacement.</p> <p>Town Meeting approved full funding of \$51,700 in FY11.</p>												
Breakdown (Listed in Priority Order)													
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 5				
1		Copiers, Various Locations Per Schedule			\$51,700								
2		Copiers, Various Locations Per Schedule				\$66,700							
3		Copiers, Various Locations Per Schedule					\$68,300						
4		Copiers, Various Locations Per Schedule						\$62,900					
5		Copiers, Various Locations Per Schedule							\$54,100				
TOTALS					\$51,700	\$66,700	\$68,300	\$62,900	\$54,100				
Budget Considerations													
What is the estimated impact on the operating budget?		C		Maintaining and Servicing of the Equipment (check all that apply)		Requesting Department's Staff		Another Department's Staff		Contracted Services		Other	
										X			
Budget Considerations										Yes		No	
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this												X	

Equipment & Technology Requests

Title	School Photocopier Replacement Program	Fiscal Year	2011-15
request?			
If another department provides support (personnel or financial), has the department been consulted before submission of this request?			X
Does the other department manager support the request?			X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			X
Will additional staff be required if the request is approved?			X
Does the request support activities that produce revenue for the Town?			X
If the request is not approved will Town revenues be negatively impacted?			X
Is there an increased exposure for the Town if the request is not approved?			X
Is specialized training or licensing required (beyond the initial purchase)?			X
If applicable, will the item(s) being replaced be retained by the Town?			X
Explanations			

School Musical Instrument Replacement Program

Equipment & Technology Requests									
Title	School Musical Equipment Replacement Program				Fiscal Year	FY2011-15			
Department	School Department								
Funding	Classification		Type						
We are asking for Year Seven of a multi-year musical instrument replacement/upgrade plan. See detail below.									
Breakdown (Listed in Priority Order)									
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 5
1	200	Upright piano at Newman School Music Room			\$4,500				
2	247	Practice Room piano at the High School			\$4,500				
3	262	Replacement/upgrade cello at the High School			\$3,000				
4	263	Replacement/upgrade cello at the High School			\$3,000				
5	203 thru 211; 230 thru 233	Replacement Instruments Elementary Schools				\$10,000			
6	253	Replacement/upgrade bass at High School			\$3,000				
7	276	Replacement/upgrade bass at Pollard			\$2,000				
8	245	Refurbish Grand Piano at Broadmeadow					\$10,000		
9	TBD	Band instruments as needed					\$5,000		
10	234	Refurbish Grand Piano at Newman Auditorium						\$10,000	
11	TBD	String instruments as needed						\$5,000	
12	TBD	Misc . replacements across district							\$15,000

Equipment & Technology Requests

School Musical Equipment Replacement Program		Fiscal Year			FY2011-15	
Title		\$15,000	\$15,000	\$15,000	\$15,000	
TOTALS		\$15,000	\$15,000	\$15,000	\$15,000	
Budget Considerations						
What is the estimated impact on the operating budget?	0	Maintaining and Servicing of the Equipment (check all that apply)	Requesting Department's Staff	Another Department's Staff	Contracted Services	Other
						X
Budget Considerations						
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this request?						Yes No X
If another department provides support (personnel or financial), has the department been consulted before submission of this request?						NA
Does the other department manager support the request?						NA
Will the requested project require an increase in the next fiscal year operating budget for ANY department?						N
Will additional staff be required if the request is approved?						N
Does the request support activities that produce revenue for the Town?						N
If the request is not approved will Town revenues be negatively impacted?						N
Is there an increased exposure for the Town if the request is not approved?						N
Is specialized training or licensing required (beyond the initial purchase)?						N
If applicable, will the item(s) being replaced be retained by the Town?						Y
Explanations						
<ul style="list-style-type: none"> ● In FY05, Town Meeting allocated \$15,000 in first-year funding of a ten year replacement cycle for school musical instruments (of \$15,000/year). These purchases have continued regularly for the past 6 years. (We are now entering year 7 of the replacement cycle). As a result, we are beginning to see an improvement in the quality of musical instruments our students are able to use. ● The School Fine and Performing Arts Department still maintains a good number of musical instruments, especially string instruments and upright pianos, which are 25+ years old that should be replaced or refurbished. The School Department owns a number of string instruments, that, after many years of use, are no longer usable or repairable. We also own a number of old pianos which, though some are still usable, are becoming increasingly costly to repair and maintain. Prior to this replacement cycle, instruments were taken care of with end of year savings (when available), donations from parents, NEF grants and other outside funding. However, without this replacement cycle, it would be impossible to replace needed instruments in specific categories to benefit the students who will use them in the near future. Students do purchase more common, less expensive instruments such as clarinet, trumpet and flute, but a quality band and/or orchestra program in schools and colleges need to supply large, more expensive color instruments to ensure balanced instrumentation allows our student performing groups to showcase their required by the curriculum. Additionally, balanced instrumentation allows our student performing groups to showcase their talents in an appropriate quality manner in local, state and national music festivals, where they compete with and are compared to their peers. For example, the lack of quality violas, cellos and string basses in our inventory resulted in the past with our orchestras having few if any of these instruments. Currently, we are still struggling to provide enough cellos/basses for our groups. This results in not being able to perform a good deal of the music that our students need to experience in the proper manner. Upright pianos are needed in all music rooms, practice rooms and performance facilities to enable choral groups to 						

Equipment & Technology Requests

Title	School Musical Equipment Replacement Program	Fiscal Year
	<p>have proper accompaniments, and to allow small student ensembles and individuals to pursue their music education studies with proper acoustic musical reinforcement.</p> <ul style="list-style-type: none"> ● For year 6 of the cycle (FY10) the Fine and Performing Arts Department plans call for a bass at the high school and two cellos at Pollard. In previous years, the HS grand piano, Hillside school piano, percussion instruments, bass clarinets, bassoons, euphoniums, and a baritone sax were replaced. For FY11, we hope to replace the upright piano at Newman, an upright at the high school, an additional cello at the high school. ● NOTE: The actual instruments detailed to be replaced/refurbished may change slightly depending on changing student participation in the program resulting in changing program needs. 	FY2011-15
<p>Town Meeting approved full funding of \$15,000 in FY11.</p>		

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School Furniture Replacement Program

Equipment & Technology Requests																																																																																																																																																				
Title	School Furniture Replacement Program	Fiscal Year	Annual																																																																																																																																																	
Department	School Department																																																																																																																																																			
Funding	GF	Classification	F	Type OX																																																																																																																																																
<p>There are no budgeted funds within the regular school operating budget to replace aging school furniture and fixtures. In FY05 Town Meeting approved first year funding of \$20,500 to replace furniture in school facilities not scheduled to undergo capital renovation/ addition projects in the near future (Hillside, Mitchell, Newnan and Pollard). In these schools, furniture is 10-20+ years old and in a state of disrepair after decades of heavy use. This request would provide ongoing funding for regular replacement.</p> <p>This request was funded from operational savings in FY06, due to capital budget constraints. In FY07, Town Meeting allocated \$44,550 for this purpose. (The FY07 request also replaced band chairs at Hillside and Pollard.) In FY08, Town Meeting provided \$18,300 for elementary furniture and whiteboards (\$2,700,) with the expectation that FY08 middle school replacements be met from the stock of surplus furniture at High Rock. In FY09 and FY10, Town Meeting provided \$37,050 and \$23,100 in ongoing funding, respectively.</p> <p>The FY11 request is for \$40,950 to continue replacement of furniture in "poor" condition at these schools. The FY10 request (which will be spent during the 2009/10 school year) targets replacement at Hillside School. The FY11 request will target replacement at Mitchell School. The FY12 and FY14 requests target replacements at Newnan School; the FY13 request will replace furniture in poor condition at Pollard. The FY15 request will replace the balance of furniture in poor condition at all schools. At the end of FY15, we expect that all furniture in "poor" condition will have been replaced at these four schools. Future year requests will target furniture in "fair" condition. A breakout of furniture inventory at these four schools (prior to FY10 replacements at Hillside) is presented below. Costs are based on 2009 state contract pricing for identified pieces, inflated at a rate of 5% per year.</p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Condition</th> <th style="text-align: center;"># Items</th> <th style="text-align: center;">%</th> <th colspan="5" style="text-align: center;"># Items in Poor Condition to be Replaced by Age</th> <th style="text-align: center;">TOTAL</th> </tr> <tr> <th></th> <th></th> <th></th> <th style="text-align: center;">#</th> <th style="text-align: center;">#</th> <th style="text-align: center;">#</th> <th style="text-align: center;">#</th> <th style="text-align: center;">#</th> <th style="text-align: center;">#</th> </tr> <tr> <th></th> <th></th> <th></th> <th style="text-align: center;">30-40</th> <th style="text-align: center;">20-29</th> <th style="text-align: center;">10-19</th> <th style="text-align: center;">0-9</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Excellent</td> <td style="text-align: center;">830</td> <td style="text-align: center;">10%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Very Good</td> <td style="text-align: center;">315</td> <td style="text-align: center;">4%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Good</td> <td style="text-align: center;">5,142</td> <td style="text-align: center;">64%</td> <td style="text-align: center;">10</td> <td style="text-align: center;">109</td> <td style="text-align: center;">26</td> <td style="text-align: center;">2</td> <td style="text-align: center;">147</td> <td></td> </tr> <tr> <td>Fair</td> <td style="text-align: center;">705</td> <td style="text-align: center;">9%</td> <td style="text-align: center;">21</td> <td style="text-align: center;">143</td> <td style="text-align: center;">87</td> <td style="text-align: center;">1</td> <td style="text-align: center;">252</td> <td></td> </tr> <tr> <td>Poor</td> <td style="text-align: center;">1,040</td> <td style="text-align: center;">13%</td> <td style="text-align: center;">123</td> <td style="text-align: center;">216</td> <td style="text-align: center;">205</td> <td style="text-align: center;">0</td> <td style="text-align: center;">544</td> <td></td> </tr> <tr> <td>Total</td> <td style="text-align: center;">8,032</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">190</td> <td style="text-align: center;">518</td> <td style="text-align: center;">329</td> <td style="text-align: center;">3</td> <td style="text-align: center;">97</td> <td style="text-align: center;">1,040</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">FY10-15 Replacements</th> <th style="text-align: center;">5%</th> <th style="text-align: center;">5%</th> <th style="text-align: center;">5%</th> <th style="text-align: center;">5%</th> <th style="text-align: center;">5%</th> <th style="text-align: center;">5%</th> <th style="text-align: center;">5%</th> </tr> <tr> <th></th> <th style="text-align: center;">FY10</th> <th style="text-align: center;">FY11</th> <th style="text-align: center;">FY12</th> <th style="text-align: center;">FY13</th> <th style="text-align: center;">FY14</th> <th style="text-align: center;">FY15</th> <th style="text-align: center;">TOTAL</th> <th style="text-align: center;">FY11-15</th> </tr> </thead> <tbody> <tr> <td>Hillside</td> <td style="text-align: center;">23,100</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">7,281</td> <td style="text-align: center;">7,281</td> <td style="text-align: center;">7,281</td> </tr> <tr> <td>Mitchell</td> <td></td> <td style="text-align: center;">40,950</td> <td></td> <td></td> <td></td> <td style="text-align: center;">13,941</td> <td style="text-align: center;">13,941</td> <td style="text-align: center;">54,891</td> </tr> <tr> <td>Newnan</td> <td></td> <td></td> <td style="text-align: center;">37,750</td> <td></td> <td style="text-align: center;">41,600</td> <td style="text-align: center;">10,969</td> <td style="text-align: center;">10,969</td> <td style="text-align: center;">90,319</td> </tr> <tr> <td>Pollard</td> <td></td> <td></td> <td></td> <td style="text-align: center;">28,450</td> <td></td> <td style="text-align: center;">1,989</td> <td style="text-align: center;">1,989</td> <td style="text-align: center;">30,439</td> </tr> <tr> <td>Total</td> <td style="text-align: center;">23,100</td> <td style="text-align: center;">40,950</td> <td style="text-align: center;">37,750</td> <td style="text-align: center;">28,450</td> <td style="text-align: center;">41,600</td> <td style="text-align: center;">34,180</td> <td style="text-align: center;">182,930</td> <td style="text-align: center;">182,930</td> </tr> </tbody> </table>	Condition	# Items	%	# Items in Poor Condition to be Replaced by Age					TOTAL				#	#	#	#	#	#				30-40	20-29	10-19	0-9			Excellent	830	10%							Very Good	315	4%							Good	5,142	64%	10	109	26	2	147		Fair	705	9%	21	143	87	1	252		Poor	1,040	13%	123	216	205	0	544		Total	8,032	100%	190	518	329	3	97	1,040	FY10-15 Replacements		5%	5%	5%	5%	5%	5%	5%		FY10	FY11	FY12	FY13	FY14	FY15	TOTAL	FY11-15	Hillside	23,100					7,281	7,281	7,281	Mitchell		40,950				13,941	13,941	54,891	Newnan			37,750		41,600	10,969	10,969	90,319	Pollard				28,450		1,989	1,989	30,439	Total	23,100	40,950	37,750	28,450	41,600	34,180	182,930	182,930			
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Equipment & Technology Requests

Title		School Furniture Replacement Program				Fiscal Year					Annual
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 5	Year 5	
1	See Attached	Furniture Replacement	4	V	\$40,950	\$37,750	\$28,450	\$41,600	\$34,180		
TOTALS					\$40,950	\$37,750	\$28,450	\$41,600	\$34,180		

Budget Considerations		Requesting Department's Staff	Another Department's Staff	Contracted Services	Other
What is the estimated impact on the operating budget?	C	Maintaining and Servicing of the Equipment (check all that apply)	X		
Budget Considerations					
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this request?					Yes No
If another department provides support (personnel or financial), has the department been consulted before submission of this request?					X
Does the other department manager support the request?					X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?					X
Will additional staff be required if the request is approved?					X
Does the request support activities that produce revenue for the Town?					X
If the request is not approved will Town revenues be negatively impacted?					X
Is there an increased exposure for the Town if the request is not approved?					X
Is specialized training or licensing required (beyond the initial purchase)?					X
If applicable, will the item(s) being replaced be retained by the Town?					X
Explanations					
No operating budget impact.					

School Modular Classrooms

Building, Infrastructure, or Facility Request				Fiscal Year	FY2011-12
Project Title	School Modular Classrooms				
Requestor	School Committee				
Location	Hillside, Mitchell Schools			Project Category	B
Funding	GF	CPA Eligible	No	Department Priority	
Partners					
Project Description	<p>Over the next five years, the School Department faces space constraints at the elementary level, particularly at Mitchell and Hillside schools. Based on Future School Needs Committee Projections for FY10-15, we project that the following space deficits will exist over the next five years:</p> <ul style="list-style-type: none"> • Mitchell will need one additional classroom beginning FY10; temporary space is being cobbled together on the stage area until more permanent space can be obtained. • Hillside will need one additional classroom beginning FY10; loss of KASE, beginning FY12 for the foreseeable future. <p>These deficits will only increase, should enrollments level out or even increase. This request is for four modular classrooms, two of which would be installed at the Mitchell School (for September 2011) and two of which would be installed at the Hillside School (for September 2012.)</p> <p>Projected costs are based on estimates provided by DRA for the Newman Project (from Williams Scottsman), increased at a rate of 5% per year: \$68,750 purchase price per modular, plus site costs of \$54.50/sf for a 1,000 s.f. Modular. PPBC recommends adding contingencies of 25% for design, plus 10% for contingency.</p> <p>This request for \$358,700 was not funded in FY11.</p>				
Anticipated Result	Additional school facility				
Alternatives	This is a contingency request.				
Purpose	Timeline		Method to Determine Cost		Project Budget
Acquisition	Total Project Duration		Consultant	A, D, & E	\$147,000
New Construction Addition (Increase in size and/or function)	Engineering and Design Phase	FY11-FY12	Industry References	Site Development	\$246,400
Reconstruction or Repair	Construction Phase	FY11-FY12	In-House	General Contractor	\$310,800
Court, Federal or State Order	Close Out Process	FY11-FY12	Other	Project Management	
Health or Safety	Next Phase			F, F, & E	
New Technology				Technology	
Performance Measure				Other*	\$31,100
Estimated Useful Life →		20 Years		Total Budget	\$735,300
Project Funding Schedule					
Engineering & Design	FY2011	FY 2012	FY 2013	FY 2014	FY 2015
Construction		\$201,500			
Total		\$175,100			
		\$376,600			
Project Manager →	PPBC				
Operational Budget Considerations					
				YES	NO

Building, Infrastructure, or Facility Request

Project Title	School Modular Classrooms	Fiscal Year	FY2011-12
Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?			
			X
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?			
			X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			
			X
Will additional staff be required if the request is approved?			
			X
As Permanent Employees?			
			X
Independent Contractors?			
Does the request include or require new or additional technology?			
			X
Does the request support activities that produce revenue for the Town?			
			X
If the request is not approved will Town revenues be negatively impacted?			
			X

All "YES" responses must be explained under the Other Considerations section

Operating Budget Impact → _____

Other Considerations _____

F

Description	Operating and Maintenance Expenditure Detail Estimates		
	First Year of Operation (FY17)	Second Year of Operation	Third Year of Operation
Personnel (new)	FTE #	FTE #	FTE #
Salaries and Wages			
Indirect Personnel Cost	%	%	%
Other Personnel Costs			
Sub Total of Personnel Costs			
Services & Supplies		\$20,200	
Equipment			
Sub Total of Non-Personnel Costs		\$20,200	
GRAND TOTAL		\$20,200	
Offsetting Revenue for Operating and Maintenance Expense Incurred with this Capital Project			
Revenue Source(s)	First Year of Operation	Second Year of Operation	Third Year of Operation
1			
2			
3			
4			
5			
TOTAL			

Building, Infrastructure, or Facility Request

Project Title	School Modular Classrooms	Fiscal Year	FY2011-12
<p align="center">Explanation</p> <p>Additional operating expenses reflect utility, supply and service costs associated with the modular classrooms, and are estimated based on guidance from DRA that expenses should represent a proportionate share of overall school costs, prorated based on sf. The operating cost identified in year one reflects the incremental costs associated with the Mitchell modulars. The operating costs identified in year two represent the additional expenses associated with the Hillside modulars. If modular classrooms are funded in both locations, the second year costs would reflect the impact of both Mitchell and Hillside.</p>			

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Pollard Parking Lot and Bus Loop Improvements

Building, Infrastructure, or Facility Request		Fiscal Year
Project Title	Pollard Middle School Parking Lot & Bus Loop Improvements	2011
Requestor	School Department	Budget Request \$249,400
Location	200 Harris Avenue	Project Category I
Funding	General Fund	Department Priority
Partners	CPA Eligible	
<p>This request is for near-term improvements to the Pollard parking lot, creating additional spaces and lengthening the bus loop.</p> <p>Currently, a significant parking shortage exists. There are 770 middle school students and 120 staff members at Pollard. Pollard provides parking for up to 75 autos, in the front and back lots, requiring additional drivers to find on-street parking. The Principal estimates that 150 spaces would be ideal, and would provide additional parking for parents and visitors. Even though the 6th grade will move to High Rock in September 2009, the parking situation is not expected to improve considerably, given projected student growth.</p> <p>In addition, the bus loop presents logistical parking and safety issues. Currently, buses must line up in a double row, along both sides of the loop, because the loop is too short to accommodate a single file line. As a result, children must cross the bus loop to get to the buses on the other side.</p> <p>The following a la carte options have been provided as near-term means of adding spaces and extending the bus loop.</p> <p>a) Lengthen the current bus loop to allow all buses to line up on one side of the loop, nearest the school. (\$37,800) Currently, there are two bus lines, one on either side of the loop, and children must cross the loop to get to buses on the other side. This improvement would relocate the entrances of the bus loop to the current parking lot entrance, and a new entrance to be constructed by the dirt path near the oil tanks on Harris Avenue, and lengthen the loop. This improvement would eliminate the need for children to cross the bus loop, but may increase the amount of time required to board the buses. This option involves the removal of one tree, as well as filling, grading and paving work.</p> <p>b) Expand automobile parking through one or more of the following ways:</p> <ul style="list-style-type: none"> ▪ Create a third paved parking lot on the dirt area near the oil tanks where cars currently park. (\$75,600) This option would create between 10-20 additional spaces, and would require the removal of two trees, as well as filling, grading and paving. ▪ Expand the current parking lot on Harris Avenue by adding fifteen feet of width on the far side opposite the school and twenty feet of depth to the far side opposite the street. (\$45,300) This option would create between 18-20 additional spaces and requires the removal of between 13-14 trees, as well as repaving. This is the easiest way to achieve additional parking. ▪ Repave the current medical drop off area of the current Harris Avenue parking lot, (\$22,700) to create between 8-10 additional spaces. <p>c) Repave the existing lots, to improve the surface. (\$68,000.) This option would install a 1.5 inch thick layer of overlay paving.</p> <p>d) Improve access as needed to the rear of the school (undetermined.)</p>	<p>Project Description</p>	

Building, Infrastructure, or Facility Request

Project Title	Pollard Middle School Parking Lot & Bus Loop Improvements		Fiscal Year
	Total cost of a la carte components: \$249,400. Project costs are based on CY2008 DPW Engineering estimates, updated to include a 20% contingency for potential change in scope, a 5/yr% inflation factor.		2011
Anticipated Result	This request for \$249,400 was not funded.		
Alternatives	1) Increase safety while entering and exiting buses; 2) Increase parking onsite and removing staff vehicles from the neighboring streets.		
Purpose	Timeline	Method to Determine Cost	Project Budget
Acquisition	Total Project Duration	Consultant	A, D, & E
New Construction/Addition	Engineering and Design Phase Begins	Industry References	Site Development
Reconstruction or Repair	Construction Phase Begins	In-House	General Contractor
Court, Federal or State Order	Target Project Completion	Other	Project Management
Health or Safety	X	Comment	F, F, & E
New Technology	Estimated Useful Life→		Technology
Performance Measure			Other*
Project Manager→			Total Budget
			\$249,400
Operational Budget Considerations			
Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?			YES NO
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?			X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			X
Will additional staff be required if the request is approved?			X
Does the request include or require new or additional technology?			X
Does the request support activities which produce revenue for the Town?			X
If the request is not approved will Town revenues be negatively impacted?			X
<i>All "YES" responses must be explained under the Other Considerations section</i>			
Operating Budget Impact→			
Other Considerations			
The Pollard Parking lot reconstruction and repair is proposed jointly by the School department and DPW.			

Pollard School Improvements Feasibility Study

Building, Infrastructure, or Facility Request			
Project Title	Pollard School Improvements Feasibility Study	Fiscal Year	FY2011
Requestor	School Department	Budget Request	\$30,000
Location	Pollard Middle School, 200 Harris Avenue	Project Category	B
Funding	General Fund	Department Priority	
Partners	CPA Eligible PBBC, Department of Public Works, Department of Public Facilities	No	
Project Description	<p>This request is for \$30,000 to determine the scope and budget of near-term improvements to the Pollard Middle School, which are needed to accommodate the relocation of Newman School kindergarten and preschool students in September 2011. (The relocation is required by the renovations to the Newman School.) Potential improvements could include retrofits to the interior of the modular classrooms, as well as improvements to the parking and vehicular access at the school.</p> <p>Town Meeting approved funding of \$30,000, which would be supplemented by an additional \$20,000 from school one-time funding sources, for a total design budget of \$50,000.</p>		
Anticipated Result	A more complete picture of the capital needs of the three schools		
Alternatives			
Purpose	Timeline	Method to Determine Cost	Project Budget
Acquisition	Total Project Duration	Consultant	X
New Construction/Addition	Engineering and Design Phase Begins	Industry References	
Reconstruction or Repair	Construction Phase Begins	In-House	
Court, Federal or State Order	Target Project Completion	Other	
Health or Safety	Estimated Useful Life→	Comment	
New Technology		F, F, & E	
Performance Measure		Technology	
Project Manager→	PBBC	Other*	
		Total Budget	\$30,000
Operational Budget Considerations			
Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?			
		YES	X
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?			
		YES	X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			
		YES	X
Will additional staff be required if the request is approved?			
		YES	X
Does the request include or require new or additional technology?			
		YES	X
Does the request support activities which produce revenue for the Town?			
		YES	X
If the request is not approved will Town revenues be negatively impacted?			
		YES	X

Building, Infrastructure, or Facility Request

Project Title	Pollard School Improvements Feasibility Study	Fiscal Year	FY2011
<i>All "YES" responses must be explained under the Other Considerations section</i>			
Operating Budget Impact →			
Other Considerations			

Technical and Electrical Infrastructure Upgrade: Hillside and Mitchell Schools

Project Title		Building, Infrastructure, or Facility Request		Fiscal Year	2010-2012
Technology and Electrical Infrastructure Upgrade: Hillside and Mitchell Schools		Building, Infrastructure, or Facility Request			
Requestor	School Committee				
Location	Hillside, Mitchell Schools				I
Funding	GF	CPA Eligible	No	Project Category	Department Priority
Partners					
Project Description		<p>The Facilities Master Plan plans full renovation for the Hillside and Mitchell schools in 2018, to bring the these facilities to a level of modernization comparable to the Eliot and Broadmeadow schools. At this time, all major systems would be upgraded, including the technology and electrical infrastructure. However, there is a current need to expand the technology capability of these schools to meet students' needs over the ten-year interim period prior to full renovation. (A decade can represent the useful life of technology infrastructure.)</p> <p>This request would fund a technology and electrical infrastructure upgrade at the Hillside and Mitchell schools, similar to that conducted at Pollard, for the purpose of meeting technology needs over the next ten years (when full-scale renovations are planned.) Cost projections are based on the per classroom cost of the Pollard project. Project design will examine:</p> <ul style="list-style-type: none"> ▪ Electrical capacity and distribution; ▪ Current and future data cabling needs, including wireless; ▪ Classroom layouts with built-in technology benches; ▪ Audio-visual enhancements for classroom projection of video and data; ▪ Project budget and phasing. <p>The Hillside and Mitchell elementary schools are in need of new and additional data cabling and upgraded data infrastructures to support the instructional programs. The data cabling in the Hillside and Mitchell Schools is twelve years old. The cabling is minimal (one data outlet per classroom) and does not meet the current specifications. The classrooms have several computer devices attached to hubs or switches, which extends the capacity of one data outlet, but creates many cables running around and across classroom floors. Also, the shared data outlet diminishes the speed of all devices running through the hub. Finally, the existing conditions of these buildings limit the expansion and improvements to the data network. These conditions include electrical capacity, available cable pathways and classroom layouts.</p> <p>The results of the 2006 MBMB electrical study at Mitchell will be folded into the technology and electrical study for that school. Construction costs would be determined based upon the preliminary design results.</p> <p>Project costs are based on the per room cost of the Pollard Technology and infrastructure upgrade project, inflated at the rate of 5% per year, compounded annually. In FY10, Town Meeting provided \$50,000 to undertake preliminary design for this project.</p> <p>Town Meeting did not take action on this FY12 funding request.</p>			
Anticipated Result	Upgraded electrical and technology infrastructure				
Alternatives	None exists				
Purpose	Timeline		Method to Determine Cost		Project Budget
Acquisition	Total Project Duration	FY10-	Consultant	A, D, & E	
New Construction Addition (increase in size and/or function)	Engineering and Design Phase	12/09-5/10	Industry References	X	\$76,100
Reconstruction or Repair	Construction Phase	6/10-8/10	In-House		\$665,100
Court, Federal or State Order	Close Out Process	9/10	Other		
Health or Safety	Next Phase				
New Technology	X				

Building, Infrastructure, or Facility Request

Project Title	Technology and Electrical Infrastructure Upgrade: Hillside and Mitchell Schools		Fiscal Year	2010-2012
Performance Measure			Other*	
Estimated Useful Life→	50 Years	Total Budget		\$741,200

Project Funding Schedule

	FY2011	FY 2012	FY 2013	FY 2014	FY 2015
Engineering & Design		\$76,100			
Construction		\$665,100			
Total		\$741,200			
Project Manager→	PPBC				

Operational Budget Considerations

Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?		YES	NO
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?			
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			X
Will additional staff be required if the request is approved?			X
As Permanent Employees?			X
Independent Contractors?			X
Does the request include or require new or additional technology?		X	
Does the request support activities that produce revenue for the Town?			X
If the request is not approved will Town revenues be negatively impacted?			

All "YES" responses must be explained under the Other Considerations section

Operating Budget Impact→

D

Other Considerations

The project costs and timeline are based on the Pollard Technology & Infrastructure Project budget, scaled back to two elementary schools, on a per room basis, inflated at a rate of 5% per year. The FY07 total cost of the 60-room Pollard project breaks out as: preliminary design (\$20,000, or \$333/room), final design/bidding (\$72,600, or \$1,210/room), and construction (\$762,562, or \$12,709/room.) Based on 20 Hillside rooms and 21 Mitchell rooms, the FY10 cost of design is \$721,100, and the FY12 cost of construction is \$665,100.

Operating and Maintenance Expenditure Detail Estimates

Description	First Year of Operation (FY17)		Second Year of Operation		Third Year of Operation	
	FTE #	%	FTE #	%	FTE #	%
Personnel (new)						
Salaries and Wages						
Indirect Personnel Cost						
Other Personnel Costs						

Building, Infrastructure, or Facility Request

Project Title	Technology and Electrical Infrastructure Upgrade: Hillside and Mitchell Schools	Fiscal Year	2010-2012
Sub Total of Personnel Costs			
Services & Supplies			
Equipment			
Sub Total of Non-Personnel Costs			
GRAND TOTAL			
Offsetting Revenue for Operating and Maintenance Expense Incurred with this Capital Project			
Revenue Source(s)	First Year of Operation	Second Year of Operation	Third Year of Operation
1			
2			
3			
4			
5			
TOTAL			
Explanation			
Some associated operating impact is assumed, reflecting the utility cost associated with upgraded/additional technology at these schools.			

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Pollard Condition Assessment

Building, Infrastructure, or Facility Request		Fiscal Year
Pollard Middle School Condition Analysis		FY2011
Requestor	School Department	Budget Request \$30,000
Location	Pollard Middle School, 200 Harris Avenue	Project Category B
Funding	General Fund	Department Priority
Partners	PBBC, Department of Public Works, Department of Public Facilities	
<p>The School Department is requesting \$30,000 to conduct a condition assessment of the Pollard Middle School. The purpose of the assessment is to identify, quantify and develop a timeline for improvements to the Pollard Middle School, for the purpose of undertaking needed repairs and contemplating improvements that will add functionality and extend the useful life of the school for the next generations of students. Additionally, the assessment will help guide future capital planning decisions and as well as determine project priorities.</p> <p>Several repair projects have been identified such as a new roof, parking and driveway improvements, auditorium upgrade, pedestrian access, science classroom upgrades, and a kitchen upgrade; this request would wrap all of those identified repairs into a condition analysis for Pollard. This request would not provide sufficient funds to undertake schematic design or construction of any of the aforementioned improvements, which would need to be requested separately.</p> <p>This request is consistent with the recent space needs study, which recommended that Pollard and High Rock continue to be the Town's middle schools for the foreseeable future.</p> <p style="text-align: center;">Town Meeting approved funding of \$30,000, as requested.</p>		
<p>Anticipated Result Alternatives</p> <p>A more complete picture of the capital needs of the three schools</p>		
Purpose	Timeline	Method to Determine Cost
	Total Project Duration	Consultant
Acquisition New Construction/Addition	Engineering and Design Phase Begins	X
	Construction Phase Begins	Industry References
Reconstruction or Repair	Target Project Completion	In-House
	Estimated Useful Life →	Other
Health or Safety	Performance Measure	Comment
	Project Manager →	F, F, & E Technology Other*
PBBC		Total Budget
		\$30,000
Operational Budget Considerations		
Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?		YES NO X
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?		X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?		X
Will additional staff be required if the request is approved?		X

Building, Infrastructure, or Facility Request

Project Title	Pollard Middle School Condition Analysis	Fiscal Year
	Does the request include or require new or additional technology?	X
	Does the request support activities which produce revenue for the Town?	X
	If the request is not approved will Town revenues be negatively impacted?	X
<i>All "YES" responses must be explained under the Other Considerations section</i>		
Operating Budget Impact →		
Other Considerations		

Mitchell and Hillside Condition Assessment

Building, Infrastructure, or Facility Request		Fiscal Year
Project Title	Hillside and Mitchell Condition Assessment	FY2011
Requestor	School Department	Budget Request \$50,000
Location	Hillside Elementary School, 28 Glen Gary Road; Mitchell Elementary School, 187 Brookline Street	Project Category B
Funding	General Fund	Department Priority
Partners	CPA Eligible: No PBBC, Department of Public Works, Department of Public Facilities	
<p>The School Department is requesting to re-purpose the \$50,000 appropriated in May 2009 for a technology infrastructure upgrade feasibility study, to become a more broad-based study that a) assesses the condition of the Hillside and Mitchell schools to help guide capital planning for maintenance/ repair of these aging facilities, and b) conducts a assessment of upgrading the technology infrastructure at these two schools. The focus of the analysis is on needed repairs, life-safety improvements and infrastructure upgrades minimally required to continue the educational program through to renovation.</p> <p>Both schools are two of the older schools in Needham and have not had major renovations. The two schools have individual building challenges and both are seeing continued growth in their student populations. During the last several years, the School Department and Public Facilities Department have proposed capital requests and received funding to keep the schools functioning safely and modernizing the facilities as needed. Additionally, there are several capital requests from the School Department and Public Facilities proposed for FY11-15, to continue the life-safety and modernization programs.</p> <p style="text-align: center;">Town Meeting approved funding of \$50,000, as requested.</p>		
Project Description		
Anticipated Result	A more complete picture of the capital needs of the two schools	
Alternatives		
Purpose	Timeline	Method to Determine Cost
Acquisition	Total Project Duration	Consultant
New Construction/Addition	Engineering and Design Phase Begins	Industry References
Reconstruction or Repair	Construction Phase Begins	In-House
Court, Federal or State Order	Target Project Completion	Other
Health or Safety	Estimated Useful Life→	Comment
New Technology		Technology
Performance Measure		Other*
Project Manager→	PBBC	Total Budget
		\$50,000
Operational Budget Considerations		
Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?		YES NO
		X
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?		X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?		X
Will additional staff be required if the request is approved?		X

Building, Infrastructure, or Facility Request

Project Title	Hillside and Mitchell Condition Assessment	Fiscal Year	FY2011
Does the request include or require new or additional technology?			X
Does the request support activities which produce revenue for the Town?			X
If the request is not approved will Town revenues be negatively impacted?			X
<i>All "YES" responses must be explained under the Other Considerations section</i>			
Operating Budget Impact →			
Other Considerations			

Emery Grover Feasibility Study

Building, Infrastructure, or Facility Request		Fiscal Year
Project Title	CIP-BIF1 – Emery Grover Renovation/Relocation Feasibility Study	FY2012
Requestor	School Department	Budget Request \$30,000
Location	1331 Highland Avenue, Needham, MA	Project Category B
Funding	General Fund	Department Priority
Partners	CPA Eligible PBBC	
Project Description	<p>The school department requests \$30,000 to commission a feasibility study for a lease/purchase alternative to the building renovation contemplated in the 2005 Town Facilities Master Plan. The master plan recommends renovating the building, for a cost of \$13.8 Million (2013/2014). A preliminary analysis suggests that in 2014, a comparable property could be leased or purchased for \$5.1 - \$5.5 Million (Please see the attached analysis.) The feasibility study will include studying options in the marketplace as well as alternatives for the Emery Grover.</p> <p style="text-align: center;">Town Meeting did not take action on this FY12 funding request.</p>	
Anticipated Result	More efficient and cost effective office space for the school department	
Alternatives		
Purpose	Timeline	Method to Determine Cost
Acquisition	Total Project Duration	A, D, & E
New	Engineering and Design Phase Begins	Consultant
Construction/Addition	Construction Phase Begins	Industry References
Reconstruction or Repair	Target Project Completion	In-House
Court, Federal or State Order	Estimated Useful Life→	Other
Health or Safety		Comment
New Technology		F, F, & E
Performance Measure	School Department and PBBC	Technology
Project Manager→		Other*
		Total Budget \$30,000
Operational Budget Considerations		
Are there additional costs to bid, design, construct, complete, and/or use that are NOT included in this request?		YES NO
If another department provides support (personnel or financial), has the department been consulted before the submission of this request?	X	X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?		X
Will additional staff be required if the request is approved?		X
Does the request include or require new or additional technology?	X	
Does the request support activities which produce revenue for the Town?		X
If the request is not approved will Town revenues be negatively impacted?		X
<i>All "YES" responses must be explained under the Other Considerations section</i>		

Building, Infrastructure, or Facility Request

Project Title	CIP-BIF1 - Emery Grover Renovation/Relocation Feasibility Study	Fiscal Year	FY2012
Operating Budget Impact→			
Other Considerations			

New School Technology

Equipment & Technology Requests													
Title	School Department New Technology	Fiscal Year	FY11-15										
Department	School Department												
Funding	CPA	Classification	T	Type		TH							
Description and Justification	See below												
Breakdown (Listed in Priority Order)													
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 5				
1		SMART Interactive Whiteboards for classrooms at Pollard, Broadmeadow, Hillside, Mitchell and Newman		10	\$0								
2		Ten additional computers for Mitchell School – growing enrollment, add classrooms		7	\$0								
3		Year 2 Smartboards – See Attachment				\$70,200							
4		Year 3 Smartboards – See Attachment					\$80,800						
5		Year 4 Smartboards – See Attachment						\$45,000					
6		Year 5 Smartboards – See Attachment							\$28,800				
TOTALS					\$0	\$70,200	\$80,800	\$45,000	\$28,800				
Budget Considerations													
What is the estimated impact on the operating budget?		N		Maintaining and Servicing of the Equipment (check all that apply)		Requesting Department's Staff		Another Department's Staff		Contracted Services		Other	
Budget Considerations													
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this request?										Yes	No		
If another department provides support (personnel or financial), has the department been consulted before submission of this request?										N	N		
Does the other department manager support the request?										Na	Y		
Will the requested project require an increase in the next fiscal year operating budget for ANY department?										N	N		
Will additional staff be required if the request is approved?										N	N		
Does the request support activities that produce revenue for the Town?										N	N		
If the request is not approved will Town revenues be negatively impacted?										N	N		
Is there an increased exposure for the Town if the request is not approved?										N	N		

Equipment & Technology Requests

Title	School Department New Technology	Fiscal Year	FY11-15
Is specialized training or licensing required (beyond the initial purchase)?			N
If applicable, will the item(s) being replaced be retained by the Town?			Na
Explanations			
<p>1. SMART Interactive Whiteboards for classrooms at Pollard, Broadmeadow, Hillside, Mitchell and Newman (\$54,000.) In an effort to provide 21st century learning tools in all classrooms, the school district has made a commitment to using interactive whiteboards, specifically SMART products, to enrich the learning environment with multimedia resources and provide the student, as well as the teacher, the ability to interact with these resources. To date, we have installed SMART Boards at NHS, High Rock, Eliot and most of Hillside. All teachers are trained, 12 hours, prior to receiving this technology. We have a portion of installations at Pollard, Mitchell, Broadmeadow and Newman. This request will purchase 18 additional units, which include a projector (except at Pollard, where projectors are already in place), board, speakers, installation and connectivity. Town Meeting did not approve funding for this request, due to budget constraints.</p>			
<p>2. Ten additional computers for Mitchell School (\$10,000.) Mitchell School has a growing population with one additional classroom in FY 10 and another slated for FY 11. The increased population requires a modest addition to the computer inventory there. The deployment schedule. Town Meeting did not approve funding for this request, due to budget constraints.</p>			
<p>FY 10-11</p>			
<p>New SMART Boards, Additional Computers</p>			
	SMB Units	Cost	CPU units
		Cost	Total
B'Meadow	4	\$16,800	
Hillside	1	\$4,200	
Mitchell	3	\$12,600	10
Newman	2	\$6,000	
Pollard	8	\$14,400	
Total		\$54,000	\$10,000
			\$64,000

Science Center Improvements

Equipment & Technology Requests									
Title	Science Center Improvements	Fiscal Year	2015						
Department	Science Center, Newman School								
Funding	GF	Classification	E, F, T	Type OX, TX					
Description and Justification	<p>The Science Center is transitioning to a Teacher Resource Curriculum Center and Student Interactive Science Lab Space. These new directions will require additional equipment and materials in four main categories of SC spaces:</p> <ol style="list-style-type: none"> 1) Professional Development Space - needs 3 matching tables and 18 matching chairs - projector installed in the ceiling space for PD workshops. Currently SC has only 6 chairs for workshops with up to 20 participants. A copier with the capability of doing multiple copies, stapling, collating and doing double sided copies. A new large chart size - (44inch) laminator to cover posters, charts and large print materials to ensure durability. A new replacement laminator for small items - current laminator has a broken prong on the plug constitutes a safety hazard. 2) Animal Room - For health, safety and efficiency the SC needs the following equipment for Animal Room Improvements: 1) a separate refrigerator for animal food, etc. from the people food refrigerator. The existing refrigerator needs to have a bolt to keep the freezer door closed. It can be an apartment size but must have a separate freezer compartment. Currently, people and animals share same refrigerator - 2) a portable dishwasher - as we reuse many items - i.e. - squid dissection equipment, containers for classroom viewing of roaches and rodents, etc. - need to have the ability to sterilize these items in a dishwasher before reuse. 3) Washing machine & dryer - currently SC staff bring home animal towels to launder weekly. 3) Discovery Room Interactive Student Lab Space - The downstairs area of the SC needs 25 stools for students and five 60 inch round tables for student use. A smart board, ceiling projector and necessary support equipment for the smart board. 4) SC Workspace - The SC working shop needs an upgrade of equipment and power tools: rock cutter with diamond blade, soldering irons, shop vacuum and miscellaneous hand tools. Existing equipment is old, outdated and inefficient. A locked key storage cabinet is needed to secure the keys to the power equipment, closets and cabinets that are off limit to students. <p>The above requests will require ETC to install and support the technology equipment for the new Student Lab and PD center. This request for equipment for the Science Center may be combined with the district wide capital request for furniture and equipment. The amount requested in year 5 utilizes 2009 costs, inflated 3% per year. Although the request is less than the \$25,000 threshold for capital request, this project may be combined with others to reach the threshold amount.</p> <p style="text-align: center;">Town Meeting did not take action on this FY12 request.</p>								
Breakdown (Listed in Priority Order)									
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 5
1		6' Rectangle Tables	5	10					\$1,313
2		Chairs for rectangle tables	5	10					\$693
3		Student Stools	5	10					\$955
4		5' Round tables	5	10					\$597

Equipment & Technology Requests

Title		Science Center Improvements				Fiscal Year	2015
5	Copy machine	5	5				\$7,642
6	Lamination machine - 44"	5	5				\$3,224
7	Lamination machine - 12.5"	5	5				\$358
8	Refrigerator	5	10				\$597
9	Dishwasher	5	10				\$537
10	Washing Machine	5	10				\$478
11	Clothes Dryer	5	10				\$358
12	Assorted Science Tools						\$1,1194
13	Storage Closet 24"	5	10				\$299
14	Smart Board and Ceiling Projectors	5	10				\$5,970
19							
TOTALS							\$24,215

Budget Considerations			
What is the estimated impact on the operating budget?	C	Maintaining and Servicing of the Equipment (check all that apply)	Other
		Requesting Department's Staff X	
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this request?			
			Yes No X
If another department provides support (personnel or financial), has the department been consulted before submission of this request?			
			X
Does the other department manager support the request?			
			X
Will the requested project require an increase in the next fiscal year operating budget for ANY department?			
			X
Will additional staff be required if the request is approved?			
			X
Does the request support activities that produce revenue for the Town?			
			X
If the request is not approved will Town revenues be negatively impacted?			
			X

Equipment & Technology Requests

Title	Science Center Improvements	Fiscal Year	2015
Is there an increased exposure for the Town if the request is not approved?			X
Is specialized training or licensing required (beyond the initial purchase)?			X
If applicable, will the item(s) being replaced be retained by the Town?			X
Explanations			

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School Bus Replacement

Equipment & Technology Requests CIP-E

Title	School Bus Replacement	Fiscal Year	2012										
Department	School Department												
Funding	GF	Classification	V										
		Type	CF										
<p>This request is to replace the school-owned minibus. The school department assumes that buses have a useful life expectancy of between 5-8 years, and requires our contractor to replace regular school buses when they reach 5 years of age, or 100,000 miles, whichever comes sooner. The bus, purchased in August, 2003 for \$59,457 is now 5 years old and has 72,077 miles (odometer reading 6/23/09). Maintenance/repair costs are annually estimated at approximately \$5,000 per year. (In FY09, \$5,233.01 was spent, in FY08 \$1323 was spent, in FY07 \$4492.64 was spent, in FY06 \$3275.70 was spent.) Additionally, the bus does not comply with 2007 emissions standards, nor with the upcoming 2010 revised emissions standards, which are effective for new engines purchased on or after those dates.</p> <p>The mini bus is an integral part of the Needham Fleet and is deployed daily to provide transportation to/from school. The bus is equipped with a wheelchair lift and seat belts, and is used both on regular routes, and to transport special needs children, including handicapped and preschool students (who require car seats.) Additionally, the minibus is used throughout the day for school field trips. The Town-owned bus has proved a good investment, since the annual contract cost of a lift-equipped van available for only one half hour in the morning, and one-half hour in the afternoon is \$26,082.</p> <p>The estimated cost to replace the bus is \$85,000, based on information obtained from New England Transit Sales. The price reflects two rounds of emissions upgrades, and new federal requirement that buses be equipped with high back seats (which Needham requires from our contractor as well.) Additionally, the price includes air conditioning (often required in a special needs IEP for transportation) and a wheelchair lift.</p> <p>Town Meeting did not take action on this FY12 request.</p>													
Breakdown (Listed in Priority Order)													
#	ID	Description	R	Life	Year 1	Year 2	Year 3	Year 4	Year 5				
1	Bus #14	2004 Thomas Freightliner FS65 Bus	4	II		\$85,000							
TOTALS						\$85,000							
Budget Considerations													
What is the estimated impact on the operating budget?		\$0		Maintaining and Servicing of the Equipment (check all that apply)		Requesting Department's Staff		Another Department's Staff		Contracted Services		Other	
								X		X			
Budget Considerations													
Are there additional costs to purchase, install, implement, and/or use (except future year operating costs) that are NOT included in this request?										Yes		No	
												X	
If another department provides support (personnel or financial), has the department been consulted before submission of this request?												X	
Does the other department manager support the request?												X	
Will the requested project require an increase in the next fiscal year operating budget for ANY department?												X	
Will additional staff be required if the request is approved?												X	

**Equipment & Technology Requests
CIP-E**

Title	School Bus Replacement	Fiscal Year	2012
Does the request support activities that produce revenue for the Town?			X
If the request is not approved will Town revenues be negatively impacted?			X
Is there an increased exposure for the Town if the request is not approved?			X
Is specialized training or licensing required (beyond the initial purchase)?			X
If applicable, will the item(s) being replaced be retained by the Town?			X
Explanations			
The incremental operating impact on the budget is positive, but negligible; a slight decrease in maintenance/replacement expense (from the \$5,000/year current amount) would be expected with a new vehicle. IF ARRA IDEA funds are available in FY11, the bus could be replaced from that revenue source, since the bus is used to provide direct services to special needs students.			
If replaced, the current bus would be disposed of through trade-in, during a bid process.			

Placeholder Elementary/Early Education Facility

Future Project Request					
Project Title	Placeholder Elementary/Early Education Facility			Fiscal Year	FY2016-18
Department					
Location	Defazio Coplex, Dedham Avenue				
Estimated Project Cost	\$31,468,700	Operating Budget Impact	**	Funding Source	General Fund CPA Eligible
Project Manager	PBBC				
Project Summary					
<p>This placeholder request is to provide a new elementary/early education facility at the DeFazio site, in the event that school enrollments increase, or planned renovation of the Mitchell/Hillside schools in 2018 requires the construction of swing space.</p> <p>In Fall, 2008, a School Space Needs Committee was convened to provide guidance to the School Committee about short and long-term school space needs. The Committee (whose report is attached), recommended that the construction of a new middle school will not be needed for the foreseeable future, but that additional elementary or preschool space may be required if elementary enrollments are higher than predicted. Although the current Future School Needs Committee projections are for declining elementary enrollment (and expanding secondary enrollment), even flat Kindergarten enrollment projections could result in the need for modular classrooms at Hillside and Mitchell, as well as the relocation of KASE, art and music at Broadmeadow, Elliot, Hillside and Mitchell Schools. Increasing elementary enrollments, coupled with the growing need for special education program space, will likely require the construction of an additional elementary or early childhood education facility. In recognition, the Space Needs committee recommended that land be reserved for a contingency additional elementary school or early childhood facility, instead of a middle-school sized parcel, as suggested by the 2006 Facilities Mater Plan.</p> <p>This request implements the recommendations of that Committee for a contingency elementary/early education facility (sited at DeFazio.) The 2015 project year reflects the possibility that additional elementary space could be needed within the next five years, should enrollment projections be higher than anticipated, and that the planned renovation of Hillside and Mitchell Schools in 2016-2018 will likely require the use of swing space to house the dislocated school populations. A contingency facility could meet the need for swing space, and provide for additional space in the long-term.</p> <p>The estimated project cost is based on current construction cost estimates for the High Rock School, a 450-student 6th-grade center (designed for the long-term as an elementary school) that will open in September 2009. The current estimates are attached, and have been increased using a 5% annual inflation factor through 2104.</p> <p><i>Town Meeting did not take action on this future-year placeholder request.</i></p> <p>** The impact to operating expenses will be estimated by a feasibility study performed during the design and engineering phase of the project. However, experience shows operating expenses, particularly utilities, will increase upon full occupancy.</p>					

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Hillside Elementary School Renovation

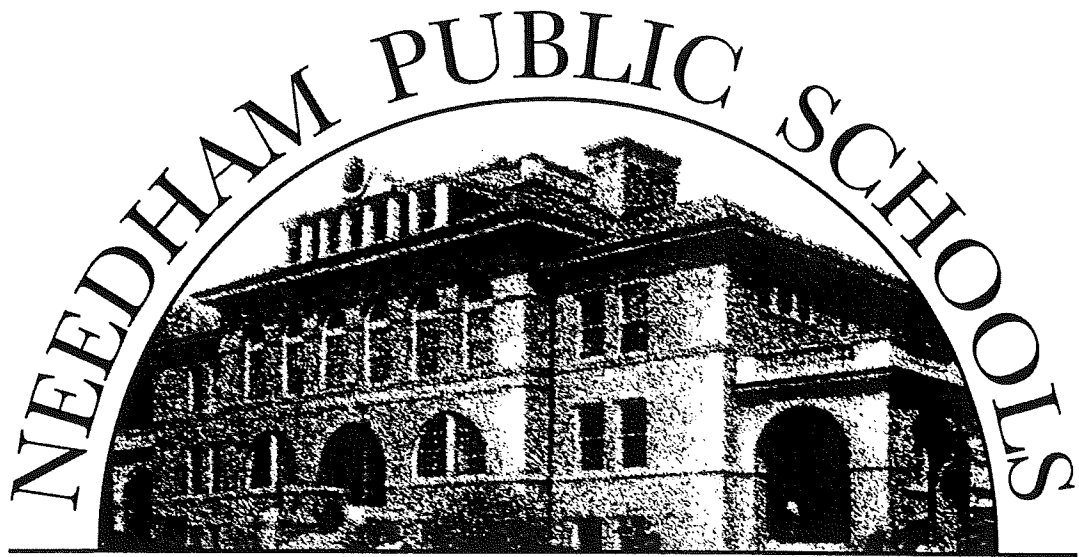
Future Project Request						
Project Title	Hillside Elementary School Renovation				Fiscal Year	FY2016-18
Department						
Location	Hillside School, 28 Glen Gary Road					
Estimated Project Cost	\$23,781,900	Operating Budget Impact	**	Funding Source	General Fund	CPA Eligible
Project Manager	PBBC					
Project Summary						
<p>Constructed in 1960, Hillside Elementary has undergone both addition and renovation (with modulars) over the past 40 years, but is in need of additional renovation/additions to address building deficiencies, and modernize the learning environment. This request would bring the Hillside facility to a level of modernization comparable to that of the Eliot School.</p> <p>This project would upgrade/renovate major systems including the mechanical, electrical, plumbing and lighting systems, as well as window systems. It also would expand the kindergarten wing, add art and music classrooms, and enlarge the following core facilities: cafeteria, library, and gymnasium. In addition, the renovation would make the facility fully handicapped accessible, and improve bus and vehicular access and parking. Finally, the project would update the technology infrastructure of this school, to meet current requirements and achieve technological 'parity' with other elementary schools in Town.</p> <p>The capital cost and funding year are draft, based on a preliminary estimated cost of \$14.6 million (in 2008 \$.) Advancing this cost to 2017 (year of construction), at 5% compounded annually, results in a \$22.6 million total project cost. Additionally, Needham could qualify for at least 31% MSBA funding for construction, should the MSBA agree to take on the project as initially conceived. The estimates below assume that Needham's share of the project is 69% of \$22.6 million, or \$15.5 million. The cost is based on the estimate in the Town 2005 Facilities Master Plan, and will likely need to be adjusted to reflect evolving market conditions.</p> <p>Although the project is scheduled to open in FY2018, the engineering and design phase will begin during FY2016. This is consistent with the 2005 town-wide Facilities Master Plan.</p> <p>Town Meeting did not take action on this future-year placeholder request.</p>						
<p>** The impact to operating expenses will be estimated by a feasibility study performed during the design and engineering phase of the project. However, experience shows operating expenses, particularly utilities, will increase upon full occupancy.</p>						

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Mitchell Elementary School Renovation

Future Project Request						
Project Title	Mitchell Elementary School Renovation			Fiscal Year	FY2016-18	
Department						
Location	Mitchell Elementary School, 187 Brookline Avenue					
Estimated Project Cost	\$24,433,400	Operating Budget Impact	**	Funding Source	General Fund	CPA Eligible
Project Manager	PBBC					
Project Summary						
<p>Mitchell School is the oldest elementary school in Needham. Constructed in 1950, the building has undergone several additions over the past 50 years, but is in need of additional renovation/additions to address building deficiencies, and modernize the learning environment. This request would bring the Mitchell facility to a level of modernization comparable to the Eliot School.</p> <p>This project would upgrade/renovate major systems including the mechanical, electrical, plumbing and lighting systems, as well as window systems. In addition, the renovation would expand the kindergarten wing and the following core spaces: the cafeteria and gym. It also would make the facility fully handicapped accessible, and improve bus and vehicular access and parking. Finally, the renovation would update the technology infrastructure of this school, to meet current requirements and achieve technological 'parity' with other elementary schools in Town.</p> <p>The capital cost and funding year are draft, based on a preliminary estimated cost of \$15.0 million (in 2008 \$.) Advancing this cost to 2017 (year of construction), at 5% compounded annually, results in a \$23.3 million total project cost. Additionally, Needham could qualify for a minimum of 31% MSBA funding for construction, should the MSBA agree to take on the project as initially conceived. The estimates below assume that Needham's share of the project is no greater than 69% of \$23.3 million, or \$16.0 million. The costs are based on the estimates in the Town's 2005 Facilities Master Plan, and will likely need to be adjusted to reflect evolving market conditions.</p> <p>Although the project is scheduled to open in FY2018, the engineering and design phase will begin during FY2016. This is consistent with the 2005 Town-wide Facilities Master Plan.</p> <p>Town Meeting did not take action on this future-year placeholder request.</p>						
<p>** The impact to operating expenses will be estimated by a feasibility study performed during the design and engineering phase of the project. However, experience shows operating expenses, particularly utilities, will increase upon full occupancy.</p>						

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Needham, Massachusetts

*Capital Project
Debt & Debt Service*

Town of Needham
Capital Improvement Plan
January 2010

Debt Service to Revenue Issued, Authorized and Proposed for FY 2011 FY 2011 - FY 2015						
Description	2010	2011	2012	2013	2014	2015
Revenue						
General Fund Within the Levy *	\$97,623,957	\$100,260,381	\$103,638,544	\$107,308,368	\$111,108,336	\$115,043,069
General Fund Excluded from Levy **	\$6,086,845	\$7,301,540	\$6,882,605	\$7,252,355	\$7,475,972	\$7,300,208
CPA Revenue	\$1,943,111	\$1,830,000	\$1,875,750	\$1,922,644	\$1,970,710	\$2,019,978
RTS Revenue	\$1,611,627	\$1,676,092	\$1,743,136	\$1,812,861	\$1,885,376	\$1,960,791
Sewer Revenue	\$7,869,728	\$8,164,843	\$8,471,024	\$8,788,688	\$9,118,264	\$9,460,198
Water Revenue	\$5,086,773	\$5,277,527	\$5,475,434	\$5,680,763	\$5,893,792	\$6,114,809
Total Revenue	\$120,222,041	\$124,510,383	\$128,086,494	\$132,765,679	\$137,452,449	\$141,899,053
Debt Service						
General Debt (Table I)	\$2,747,025	\$2,967,712	\$2,830,467	\$2,479,528	\$2,185,942	\$2,065,968
CPA Debt (Table II)		\$300,000	\$300,000	\$550,000	\$770,000	\$779,000
RTS Debt (Table III)	\$150,000	\$150,000	\$126,915	\$122,068	\$77,622	
Sewer Debt (Table IV)	\$1,200,000	\$1,250,000	\$1,274,629	\$1,321,280	\$1,607,740	\$1,381,849
Water Debt (Table V)	\$1,500,000	\$1,500,000	\$1,546,652	\$1,318,865	\$1,194,333	\$1,171,135
Gross Excluded Debt (Table VI)	\$7,196,912	\$8,411,607	\$7,627,986	\$7,997,736	\$8,221,353	\$8,045,589
Total Debt Service	\$12,793,936	\$14,279,319	\$13,706,649	\$13,789,477	\$14,056,989	\$13,443,541
Total Debt Service to Total Revenue	10.64%	11.47%	10.70%	10.39%	10.23%	9.47%
Total Debt Service to Total Revenue (less MSBA) ***	9.81%	10.67%	10.18%	9.88%	9.74%	9.00%
General Debt Service to General Revenue	2.81%	2.96%	2.73%	2.31%	1.97%	1.80%

* FY 2011 - FY 2015 revenue is based on the August 2009 Five-Year Pro Forma modified based on current estimates.

** Excludes Massachusetts School Building Assistance (MSBA) Revenue

*** Uses net general fund debt excluded figure (or actual debt to be paid by Town after MSBA payment) see table VI

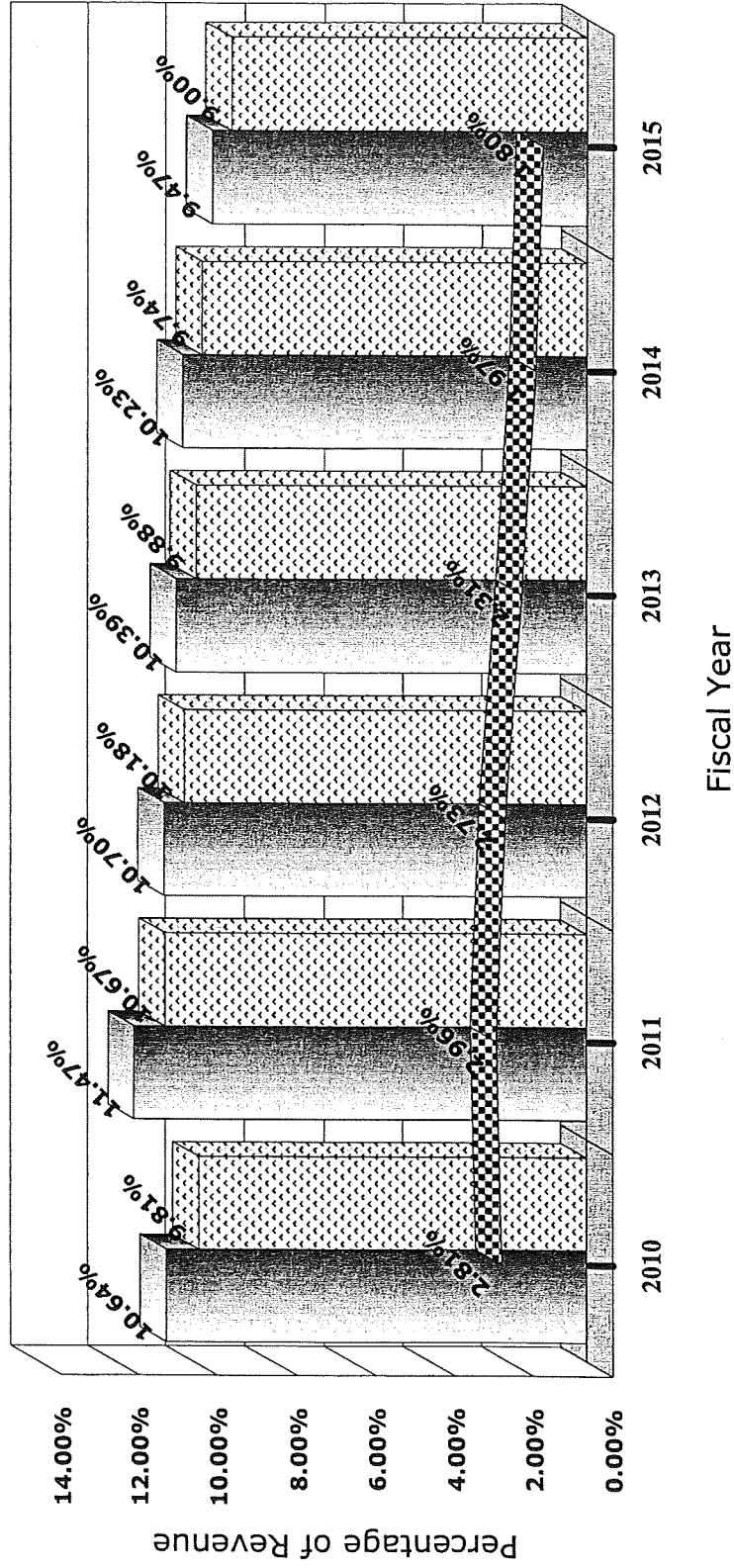
Town of Needham
Capital Improvement Plan
January 2010

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VIII - C - 2

Debt Service as a Percentage of Revenue *

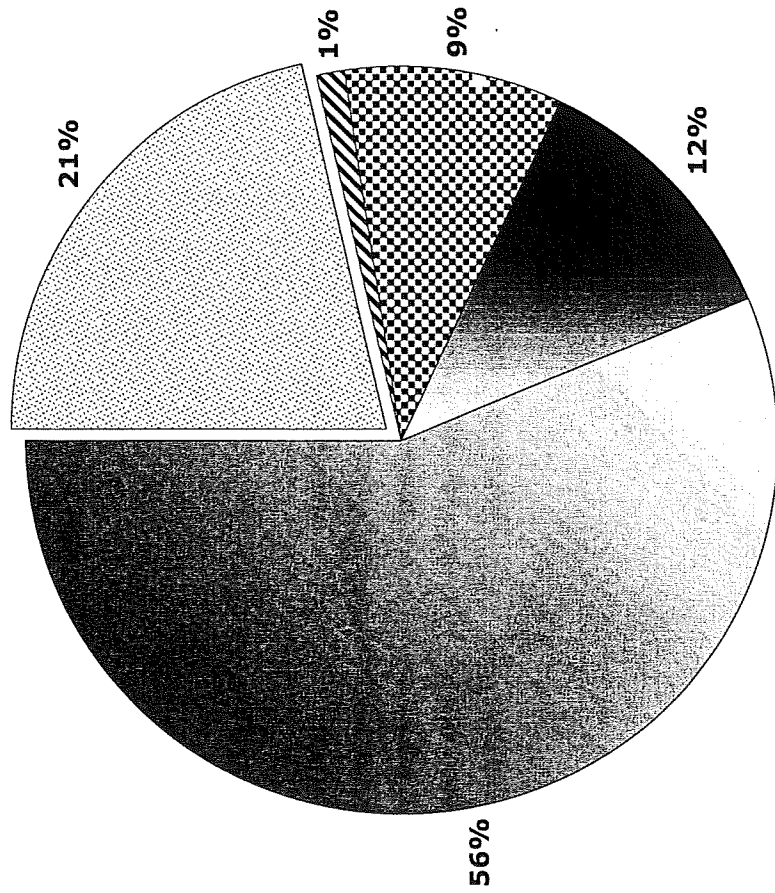
Includes Proposed Debt
 FY 2010 - FY 2015



Total Debt Service to Total Revenue (Less MSBA)
 General Debt Service to General Revenue
 Total Debt Service to Total Revenue

* Projected

FY 2010 Debt Service Share of Total



- General Debt
- RTS Enterprise
- Sewer Enterprise
- Water Enterprise
- Debt Excluded

Projected Gross Debt Service
\$12,793,936

Town of Needham
Capital Improvement Plan
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Table I
General Fund Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule					
				2010	2011	2012	2013	2014	2015
General Fund Within the Levy									
Kendrick Street Bridge (Charles River)	\$850,000	10	6.00%			\$136,000	\$130,900	\$125,800	\$120,700
Mitchell Modular	\$363,700	5	5.50%			\$113,704	\$104,850	\$99,900	\$94,950
New Senior Center Design	\$400,000	4	5.50%			\$122,000	\$116,500	\$111,000	\$105,500
Pollard School Design	\$400,000	4	5.50%			\$122,000	\$116,500	\$111,000	\$105,500
Roads, Bridges & Sidewalk Capital Program	\$1,236,300	4	5.50%			\$377,997	\$360,947	\$343,897	\$323,147
Projected New General Fund Debt Service	\$3,250,000					\$871,700	\$829,697	\$791,597	\$749,797
General Fund Debt									
Authorized & Issued (refer to schedule)				\$2,189,663	\$1,358,156	\$800,515	\$641,479	\$425,294	\$382,220
Authorized Not Yet Issued & Short Term Costs Proposed				\$557,362	\$1,609,556	\$1,158,252	\$1,008,352	\$969,052	\$933,952
						\$871,700	\$829,697	\$791,597	\$749,797
Total General Fund Debt Service Within the Levy				\$2,747,025	\$2,967,712	\$2,830,467	\$2,479,528	\$2,185,942	\$2,065,968
General Fund Within the Levy Revenue *				\$97,623,957	\$100,260,381	\$103,638,544	\$107,308,368	\$111,108,336	\$115,043,069
Debt Service % of General Fund Revenue				2.81%	2.96%	2.73%	2.31%	1.97%	1.80%

Town of Needham
 Capital Improvement Plan
 January 2010

Table II
 CPA Capital Projects
 Proposed Funding by Debt
 FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule				
				2010	2011	2012	2013	2014
CPA Fund Debt								
Projected New CPA Fund Debt Service								
CPA Fund Debt Authorized & Issued								
Authorized Not Yet Issued & Short Term Costs Proposed ^					\$300,000	\$550,000	\$770,000	\$779,000
Total CPA Fund Debt Service					\$300,000	\$550,000	\$770,000	\$779,000

^ Subject to approval by the CPC

Town of Needham
 Capital Improvement Plan
 January 2010

Table III
 Recycling & Solid Waste Disposal Capital Projects
 Proposed Funding by Debt
 FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule				
				2010	2011	2012	2013	2014
Recycling & Solid Waste Disposal Enterprise (RTS)								
Projected New RTS Debt Service								
RTS Enterprise Fund Debt								
Authorized & Issued (refer to schedule)	\$53,250			\$98,994	\$41,200	\$40,400		
Authorized Not Yet Issued & Short Term Costs Proposed	\$96,750			\$51,006	\$85,715	\$81,668	\$77,622	
Total RTS Debt Service	\$150,000			\$150,000	\$126,915	\$122,068	\$77,622	

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Table IV
Sewer Fund Capital Projects
Proposed Funding by Debt
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule				
				2010	2011	2012	2013	2014
Sewer Enterprise								
Wastewater Pump Station Reservoir "B"	\$4,066,000	15 - 25	6.00%		55,908	111,815	423,630	412,630
Projected New Sewer Debt Service	\$4,066,000				\$55,908	\$111,815	\$423,630	\$412,630
Sewer Enterprise Fund Debt								
Authorized & Issued (refer to schedule)	\$1,047,893			\$966,929	\$924,851	\$923,995	\$907,040	\$700,549
Authorized Not Yet Issued & Short Term Costs Proposed	\$152,107			\$283,071	\$293,870	\$285,470	\$277,070	\$268,670
Total Sewer Debt Service	\$1,200,000			\$1,250,000	\$1,274,629	\$1,321,280	\$1,607,740	\$1,381,849

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Table V
 Water Fund Capital Projects
 Proposed Funding by Debt
 FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule						
				2010	2011	2012	2013	2014	2015	
Water Enterprise										
Projected New Water Debt Service										
Water Enterprise Fund Debt										
Authorized & Issued (refer to schedule)	\$1,446,909			\$1,139,953	\$1,146,092	\$827,505	\$768,173	\$758,175		
Authorized Not Yet Issued & Short Term Costs Proposed	\$53,091			\$360,047	\$400,560	\$491,360	\$426,160	\$412,960		
Total Water Debt Service	\$1,500,000			\$1,500,000	\$1,546,652	\$1,318,865	\$1,194,333	\$1,171,135		

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Table VI
Capital Projects
Proposed Funding by Debt Exclusion
FY 2011

Project	Amount	Years	Bond Rate	Estimated Debt Service Schedule					
				2010	2011	2012	2013	2014	2015
General Fund Debt Excluded									
Projected New General Fund Debt Service Excluded									
General Fund Debt Excluded									
Authorized & Issued (refer to schedule)	\$6,753,446			\$7,406,521	\$6,411,824	\$6,111,974	\$5,963,090	\$5,865,326	
Authorized Not Yet Issued & Short Term Costs Proposed	\$443,466			\$1,005,086	\$1,216,163	\$1,885,763	\$2,258,263	\$2,180,263	
Total General Fund Excluded Debt Service	\$7,196,912			\$8,411,607	\$7,627,986	\$7,997,736	\$8,221,353	\$8,045,589	
Projected SBA Payments/Other Adjustments									
				\$1,110,067	\$745,381	\$745,381	\$745,381	\$745,381	
Net General Fund Excluded Debt Service *	\$6,086,845			\$7,301,540	\$6,882,605	\$7,252,355	\$7,475,972	\$7,300,208	

* Before other offsets and credits

Town of Needham
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TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
GENERAL FUND WITHIN THE LEVY LIMIT - AUTHORIZED & ISSUED												
Title V - MWPAT T5-97-1027 - R	May-97	\$85,894	Dec-99	Aug-19	(see notes)	\$7,519	\$7,305	\$7,056	\$6,794	\$6,530	\$6,265	\$26,951
Storm Water - MWPAT 98-92 (Restructured)	May-98	\$364,979	Sep-01	Aug-19	(see note)	\$36,878	\$34,831	\$34,506	\$33,750	\$32,889	\$35,650	\$156,444
High School Repair	Feb-01	\$750,000	May-03	Nov-09	2.12%	\$75,938	PAID					
Pollard School Modular Classrooms	Nov-01	\$1,712,000	May-03	Nov-10	2.33%	\$299,925	\$228,150	PAID				
Police Fire Complex Repairs	May-03	\$400,000	Jun-05	Jun-10	3.17%	\$82,600	PAID					
Road & Intersection Improvements	May-03	\$500,000	Jun-05	Jun-10	3.17%	\$103,250	PAID					
Ambulance	May-05	\$120,250	Dec-05	Feb-10	3.41%	\$31,013	PAID					
Police Fire Complex Repairs	May-04	\$110,000	Dec-05	Feb-10	3.42%	\$20,675	PAID					
Road Improvements	May-05	\$468,400	Dec-05	Feb-15	3.48%	\$100,716	\$32,510	\$11,460	\$11,110	\$10,750	\$10,380	
Road Improvements (Series II)	May-04	\$485,000	Dec-05	Feb-10	3.41%	\$124,050	PAID					
Sidewalk Improvements	May-05	\$123,300	Dec-05	Feb-10	3.42%	\$31,013	PAID					
Sidewalk Improvements (Series II)	May-04	\$50,000	Dec-05	Feb-10	3.43%	\$10,338	PAID					
Roads, Bridges, Sidewalks & Intersections (Series I)	May-06	\$500,000	Nov-06	May-10	4.11%	\$208,000	PAID					
Mitchell School Roof	Nov-06	\$560,000	Jun-07	Nov-11	4.31%	\$127,219	\$122,331	\$117,444	PAID			
Roads, Bridges, Sidewalks & Intersections (Series II)	May-06	\$340,000	Jun-07	Nov-10	4.33%	\$90,419	\$86,806	PAID				
Roads, Bridges, Sidewalks & Intersections	May-07	\$1,100,000	Dec-07	Jun-10	3.31%	\$387,188	PAID					
Ambulance & EMS Reporting System	May-08	\$160,000	Nov-08	Aug-10	3.40%	\$85,300	\$81,400					

Town of Needham
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January 2010

TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
Public Services Administrative Building Design	May-08	\$120,000	Nov-08	Aug-10	3.40%	\$63,975	\$61,050					
Hillside & Mitchell Schools Paving Work	May-08	\$90,000	Nov-08	Aug-11	3.46%	\$33,300	\$31,575	\$30,525				
Road, Bridges, Sidewalks and Intersection Improvement	May-08	\$820,000	Jun-09	Jun-13	2.40%	\$227,550	\$219,350	\$213,200	\$209,100			
Street & Traffic Light Improvements	May-08	\$80,000	Jun-09	Jun-11	3.33%	\$42,800	\$41,200					
Public Services Administration Building	Oct-08	\$4,000,000	Dec-09	Aug-26	3.16%	Issued	\$363,375	\$344,325	\$339,525	\$334,725	\$329,925	\$3,362,288
Road, Bridges, Sidewalks and Intersection Improvement	May-09	\$165,000	Dec-09	Aug-13	2.00%	Issued	\$48,272	\$42,000	\$41,200	\$40,400		
GENERAL FUND DEBT SERVICE - WITHIN THE LEVY LIMIT						\$2,189,663	\$1,358,156	\$800,515	\$641,479	\$425,294	\$382,220	\$3,545,682

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TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
GENERAL FUND DEBT EXCLUDED FROM THE LEVY LIMIT - AUTHORIZED & ISSUED												
High School Renovations	May-00	\$5,350,000	Jun-01	Jun-11	4.00%	\$577,800	\$556,400	PAID				
Land Acquisition (Wiswell)	Nov-00	\$1,930,000	Jun-01	Jun-11	4.00%	\$205,200	\$197,600	PAID				
Broadmeadow School	May-00	\$14,000,000	Nov-03	Nov-23	4.09%	\$1,111,600	\$1,089,725	\$1,066,100	\$1,040,725	\$1,013,600	\$985,600	\$7,558,600
Library Project (Series I)	May-03	\$11,000,000	Dec-04	Dec-19	3.90%	\$1,149,763	\$1,118,181	\$1,084,563	\$1,056,038	\$1,026,494	\$994,913	\$4,475,456
Eliot School	May-00	\$5,500,000	Jun-05	Jun-25	3.82%	\$446,444	\$417,344	\$408,894	\$399,794	\$390,694	\$421,594	\$3,434,938
Library Project (Series II)	May-03	\$750,000	Dec-05	Feb-15	3.59%	\$103,799	\$100,930	\$102,955	\$99,805	\$91,565	\$93,420	
High School (Series I)	May-03	\$10,000,000	Nov-06	May-26	4.01%	\$888,450	\$907,250	\$865,875	\$845,250	\$823,250	\$801,250	\$7,053,125
High Rock School - Designs	Nov-06	\$45,000	Dec-07	Jun-12	3.28%	\$10,975	\$10,650	\$10,325	PAID			
High Rock & Pollard School Projects	May-07	\$600,000	Dec-07	Jun-12	3.28%	\$164,625	\$159,750	\$154,875	PAID			
High Rock School - Designs	Nov-06	\$480,000	Jun-08	Dec-26	3.91%	\$41,406	\$40,594	\$39,781	\$38,969	\$38,156	\$37,344	\$372,156
High Rock & Pollard School Projects	May-07	\$1,120,000	Jun-08	Dec-26	3.91%	\$98,575	\$96,625	\$94,675	\$92,725	\$90,775	\$88,825	\$865,175
High School (Series IIA)	May-03	\$9,000,000	Jun-08	Dec-24	3.89%	\$835,013	\$817,788	\$800,563	\$783,338	\$766,113	\$748,888	\$6,349,713
High School (Series IIB)	Feb-05	\$2,000,000	Jun-08	Dec-26	3.91%	\$173,906	\$170,494	\$167,081	\$163,669	\$160,256	\$156,844	\$1,563,056
High Rock & Pollard School Projects (Series III)	May-07	\$5,000,000	Nov-08	Aug-27	4.69%	\$531,291	\$468,625	\$459,350	\$450,075	\$440,800	\$430,863	\$4,492,131
High School (Series IIII)	Feb-05	\$3,850,000	Jun-09	Jun-28	3.42%	\$414,600	\$358,000	\$310,650	\$306,550	\$297,450	\$292,950	\$3,116,100
High Rock & Pollard School Projects (Series IV)	May-07	\$10,500,000	Dec-09	Aug-28	3.35%	Issued	\$896,566	\$846,138	\$835,038	\$823,938	\$812,838	\$9,662,056
EXCLUDED DEBT						\$6,753,446	\$7,406,521	\$6,411,824	\$6,111,974	\$5,963,090	\$5,865,326	\$48,942,506

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TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
RTS FUND DEBT LEE SUPPORTED - AUTHORIZED & ISSUED												
RTS Construction Equipment	May-07	\$200,000	Dec-07	Jun-11	3.30%	\$53,250	\$51,625	PAID				
Collection Packer	May-08	\$125,000	Dec-09	Aug-12	2.00%	Issued	\$47,369	\$41,200	\$40,400			
RTS DEBT SERVICE						\$53,250	\$98,994	\$41,200	\$40,400			

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TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
SEWER FUND DEBT SERVICE FEE SUPPORTED - AUTHORIZED & ISSUED												
West Street Force Sewer Main	May-98	\$881,800	Jun-99	Jun-19	4.83%	\$71,456	\$69,375	\$67,238	\$70,100	\$67,700	\$70,250	\$281,750
West Street Sewer Pump Station	May-98	\$1,939,000	Jun-99	Jun-19	4.83%	\$153,296	\$153,903	\$154,153	\$154,165	\$153,885	\$153,250	\$614,750
Sewer - MWPAT 95-01 (Restructured)	May-91	\$310,656	Aug-01	Feb-15	(see note)	\$32,162	\$32,130	\$32,110	\$32,080	\$32,061	\$32,021	
Sewer - MWPAT 97-13 (Restructured)	Oct-96	\$67,700	Nov-04	Aug-18	(see note)	\$6,805	\$6,815	\$6,406	\$6,558	\$6,509	\$6,537	\$24,996
Sewer - MWPAT 97-33 (Restructured)	Oct-96	\$180,300	Nov-04	Aug-18	(see note)	\$18,001	\$18,160	\$17,194	\$17,593	\$17,427	\$17,374	\$66,144
Sewer - MWPAT 97-63 (Restructured 2)	May-97	\$1,019,778	Nov-04	Aug-18	(see note)	\$101,808	\$102,444	\$97,017	\$99,729	\$98,417	\$98,250	\$374,823
Sewer - MWPAT 98-10 (Restructured)	May-97	\$130,200	Nov-04	Aug-18	(see note)	\$12,944	\$13,071	\$12,388	\$12,793	\$12,594	\$12,567	\$47,803
Sewer System Rehab - I/I Work (Series II)	May-03	\$425,000	Jun-05	Jun-14	3.14%	\$46,800	\$45,500	\$44,200	\$42,800	\$41,400		
Sewer Pump Station	May-05	\$484,550	Dec-05	Feb-15	3.59%	\$66,621	\$64,765	\$62,840	\$60,915	\$58,935	\$51,900	
Sewer Rehabilitation - Rte 128 Area (Series I)	Nov-05	\$2,000,000	Jun-07	Nov-22	4.35%	\$308,788	\$161,138	\$141,781	\$142,638	\$138,388	\$134,013	\$839,544
Sewer Pump Station - GPA	May-05	\$500,000	Jun-09	Jun-19	3.17%	\$65,000	\$63,000	\$61,500	\$60,500	\$59,500	\$58,375	\$219,188
Sewer System Rehabilitation I/I	May-07	\$725,000	Jun-10	Jun-14	2.35%	\$164,213	\$158,413	\$154,063	\$151,163	\$148,263		
Sewer Rehabilitation - Rte 128 Area	Nov-05	\$320,000	Dec-09	Aug-28	3.39%	Issued	\$30,359	\$28,763	\$28,363	\$27,963	\$22,613	\$285,481
Sewer Pump Station GPA	May-08	\$550,000	Dec-09	Aug-28	3.36%	Issued	\$47,857	\$45,200	\$44,600	\$44,000	\$43,400	\$502,613
SEWER DEBT SERVICE						\$1,047,893	\$966,929	\$924,851	\$923,995	\$907,040	\$700,549	\$3,257,091

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TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
WATER FUND DEBT SERVICE FEE SUPPORTED - AUTHORIZED & ISSUED												
Water Treatment Facility	Nov-97	\$3,090,000	Jun-99	Jun-19	4.83%	\$242,840	\$245,903	\$243,303	\$245,465	\$247,065	\$243,000	\$981,750
Water Treatment Facility	May-96	\$2,665,000	Jun-99	Jun-19	4.83%	\$209,608	\$208,595	\$212,183	\$210,295	\$208,095	\$210,500	\$640,250
Water Systems - Broadmeadow Area	Nov-00	\$257,304	Jul-01	Aug-11	ZERO	\$25,730	\$25,730	\$25,730 PAID				
Water System Improvement	May-01	\$665,000	May-03	Nov-09	2.12%	\$65,813 PAID						
Water System Designs - Warren Area	May-04	\$50,000	Dec-05	Feb-11	3.44%	\$10,688	\$10,350 PAID					
Water System Rehab - Warren Area (Series I)	May-05	\$413,500	Dec-05	Feb-15	3.60%	\$55,039	\$53,520	\$51,945	\$50,370	\$53,750	\$51,900	
Water System Rehab - Warren Area (Series II)	May-05	\$330,000	Nov-06	May-10	4.16%	\$72,800 PAID						
Water System Rehab - Webster Area (Series I)	May-03	\$788,000	Nov-06	May-10	4.16%	\$208,000 PAID						
Water Service Connections (Series I)	May-06	\$50,000	Jun-07	Nov-11	4.31%	\$11,063	\$10,638	\$10,213 PAID				
Water System Rehab - Rte 128 Area (Series I)	May-06	\$1,500,000	Jun-07	Nov-22	4.32%	\$100,600	\$138,050	\$178,694	\$148,913	\$144,663	\$140,288	\$1,030,356
Water Service Connections (Series II)	May-06	\$100,000	Dec-07	Jun-12	3.28%	\$27,438	\$26,625	\$25,813 PAID				
Water Storage Tank Rehabilitation	May-07	\$600,000	Dec-07	Jun-12	3.28%	\$197,550	\$191,700	\$185,850 PAID				
Water System Design	May-01	\$25,000	Dec-07	Jun-12	3.28%	\$5,488	\$5,325	\$5,163 PAID				
Water System Rehab - Webster Area (Series II)	May-03	\$100,000	Dec-07	Jun-12	3.28%	\$27,438	\$26,625	\$25,813 PAID				
Water System Rehabilitation - Rte 128 Area	May-06	\$230,000	Nov-08	Aug-12	3.48%	\$66,788	\$64,900	\$57,888	\$55,963			
Water System Rehabilitation - Rte 128 Area	May-06	\$212,000	Jun-09	Jun-19	3.16%	\$32,398	\$29,358	\$28,638	\$23,158	\$22,778	\$23,350	\$87,675
Water Storage Tank Rehabilitation	May-08	\$655,000	Jun-09	Jun-19	3.16%	\$85,633	\$82,993	\$81,013	\$79,693	\$78,373	\$75,888	\$284,944

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TOWN OF NEEDHAM DEBT SERVICE - SCHEDULE OF AUTHORIZED & ISSUED												
Project	T.M. Vote	Amount Issued	Bond Issued	Final Maturity	Average Rate	Debt Service 2010	Debt Service 2011	Debt Service 2012	Debt Service 2013	Debt Service 2014	Debt Service 2015	After 2015
Water Service Connections	May-06	\$55,000	Dec-09	Aug-19	2.51%	Issued	\$11,524	\$6,013	\$5,913	\$5,813	\$5,713	\$26,744
Water System Rehabilitation - Rte. 128 Area	May-06	\$100,000	Dec-09	Aug-28	3.41%	Issued	\$8,319	\$7,838	\$7,738	\$7,638	\$7,538	\$95,294
WATER DEBT SERVICE						\$1,446,909	\$1,139,953	\$1,146,092	\$827,505	\$766,173	\$758,175	\$3,347,013
TOTAL						\$11,491,160	\$10,970,553	\$9,374,482	\$8,545,353	\$8,063,596	\$7,706,270	\$59,092,292

Note: Massachusetts Water Pollution Abatement Trust (MWPAT) loans include many communities and multiple loans and are frequently restructured by the Trust. The program provides grants and other financial assistance which in effect results in low or no interest rate loan. Under the program the Town usually pays less than it borrows from the Trust.

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**Previously Approved Debt Funded Capital
 Open Projects
 Authorized Balance Not Yet Issued**

Approved	Project	Authorized	Balance
2001	Rosemary Pool Complex - Design	\$100,000	\$72,500
2003	Dedham Avenue Parking Lot	\$180,000	\$46,500
2003	Richardson Drive Sewer Pump Station	\$500,000	\$497,000
2003	St. Mary's Water Pumping Station Design	\$300,000	\$180,000
2003	Webster Street Water System Design and Engineering	\$105,000	\$11,000
2004	Library New Facility	\$15,700,000	\$35,997
2004	Sewer System Rehabilitation	\$1,000,000	\$175,000
2006	High School Construction Supplement	\$10,700,000	\$107,720
2006	Ridge Hill Rehabilitation	\$126,875	\$106,600
2006	Rte 128 Sewer System Improvements	\$3,500,000	\$335,000
2006	Warren Street Water System Improvements	\$913,500	\$30,000
2007	Mitchell School Roof Repair	\$700,000	\$3,600
2007	Rte 128 Water System Improvements	\$3,000,000	\$900,000
2008	High Rock & Pollard School Projects	\$20,475,000	\$2,884,000
2008	RTS Construction Equipment	\$230,000	\$14,300
2008	Sewer System Rehabilitation I/T Work	\$1,806,800	\$900,000

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Previously Approved Debt Funded Capital
 Open Projects
 Authorized Balance Not Yet Issued

Approved	Project	Authorized	Balance
2009	Collection Packer Equipment	\$225,000	\$50,000
2009	Municipal Parking Lot Improvements	\$105,000	\$105,000
2009	Public Safety Building Roof	\$535,000	\$485,000
2009	Public Services Administration Bldg	\$5,725,000	\$1,525,000
2009	Street & Traffic Light Improvements	\$105,000	\$25,000
2009	Wastewater Pump Station At GPA	\$770,000	\$220,000
2009	Water Main Improvements	\$1,900,000	\$1,900,000
2009	Water Storage Tank Cleaning & Painting	\$730,000	\$75,000
2010	Kendrick Street Bridge Repair Design	\$125,000	\$125,000
2010	Newman School HVAC Design and Engineering	\$450,000	\$450,000
2010	Newman School Project	\$26,962,128	\$26,962,128
2010	Road, Bridges, Sidewalks and Intersection Improvement	\$875,000	\$710,000
2010	RTS Construction Equipment (FE Loader)	\$230,000	\$230,000
2010	Sewer Pump Station Design (Reservoir B)	\$577,500	\$577,500
2010	Stormwater Master Plan Drainage Improvements (Latern & Gayland)	\$200,000	\$200,000
2010	Town Hall (CPA Portion)	\$7,200,000	\$7,200,000

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**Previously Approved Debt Funded Capital
 Open Projects**

Approved	Project	Authorized	Balance
2010	Town Hall (GF Portion)	\$4,100,000	\$4,100,000
2010	Water Distribution System Rehab	\$1,000,000	\$1,000,000
Total		\$111,151,803	\$52,238,845

The above projects are in various stages of completion and therefore the amount and timing of each Note and Bond issue have not yet been determined. The debt retirement will be structured to fit within the proposed budget allocation shown in the debt tables.