

Town of Needham
Capital Improvement Plan
January 2010

Five Year Capital
Group and Classification
FY 2011 - FY 2015

Description	2011		2012		2013		2014		2015		Five Year Request	Current 5-Yr Recom
	Department Request	Current Recom	Department Request	Current Recom	Department Request	Current Recom	Department Request	Current Recom	Department Request	Current Recom		
Equipment & Technology												
General Fund (Including CPA)	\$2,986,872	\$1,772,872	\$2,598,926	\$2,156,195	\$2,808,560	\$2,410,628	\$1,386,800	\$1,380,832	\$1,506,340	\$1,450,740	\$11,287,498	\$9,171,267
Recycling & Solid Waste Disposal	\$262,800	\$235,000	\$287,700	\$287,700	\$367,000	\$367,000			\$189,200	\$189,200	\$1,106,700	\$1,078,900
Sewer Enterprise	\$151,000	\$151,000	\$73,500	\$73,500	\$174,000	\$174,000			\$123,300	\$123,300	\$521,800	\$521,800
Water Enterprise	\$248,600	\$248,600	\$100,900	\$100,900	\$129,000	\$129,000	\$57,400	\$57,400	\$38,800	\$38,800	\$574,700	\$574,700
Total Equipment & Technology	\$3,649,272	\$2,407,472	\$3,061,026	\$2,618,295	\$3,478,560	\$3,080,628	\$1,444,200	\$1,438,232	\$1,857,640	\$1,802,040	\$13,490,698	\$11,346,667
Building & Facilities												
General Fund (Including CPA)	\$1,575,298	\$1,142,300	\$1,850,850	\$737,550	\$2,308,000	\$1,950,000	\$2,075,000	\$658,000	\$1,178,000	\$750,000	\$8,987,148	\$5,237,850
Recycling & Solid Waste Disposal			\$147,000				\$3,500,000				\$3,647,000	
Sewer Enterprise												
Water Enterprise												
Total Buildings & Facilities	\$1,575,298	\$1,142,300	\$1,997,850	\$737,550	\$2,308,000	\$1,950,000	\$5,575,000	\$658,000	\$1,178,000	\$750,000	\$12,634,148	\$5,237,850
Infrastructure												
General Fund (Including CPA)	\$2,832,225	\$2,478,300	\$1,695,000	\$1,373,500	\$3,218,000	\$1,400,000	\$1,660,000	\$1,500,000	\$5,430,000	\$1,600,000	\$14,835,225	\$8,351,800
Recycling & Solid Waste Disposal												
Sewer Enterprise	\$5,564,950	\$5,291,000	\$4,308,900	\$1,311,250	\$1,540,500	\$438,500	\$1,638,500	\$3,253,500	\$3,574,000	\$430,500	\$16,626,850	\$10,724,750
Water Enterprise	\$1,296,800	\$1,216,800	\$1,140,550	\$1,041,250	\$6,243,600	\$5,533,100	\$3,048,050	\$1,574,600	\$5,672,100	\$579,000	\$17,401,100	\$9,944,750
Total Infrastructure	\$9,693,975	\$8,986,100	\$7,144,450	\$3,726,000	\$11,002,100	\$7,371,600	\$6,346,550	\$6,328,100	\$14,676,100	\$2,609,500	\$48,863,175	\$29,021,300
Extraordinary												
General Fund (Including CPA)	\$3,950,220	\$1,800,000	\$7,734,050	\$7,884,270	\$3,250,000		\$3,780,000		\$10,800,000	\$800,000	\$29,514,270	\$10,484,270
Recycling & Solid Waste Disposal												
Sewer Enterprise												
Water Enterprise												
Total Extraordinary	\$3,950,220	\$1,800,000	\$7,734,050	\$7,884,270	\$3,250,000		\$3,780,000		\$10,800,000	\$800,000	\$29,514,270	\$10,484,270

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Description	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom
General Government & Land Use												
Equipment & Technology	\$1,370,000	\$240,000	\$160,000	\$160,000	\$115,000	\$115,000	\$30,000	\$30,000	\$192,778	\$192,778	\$1,867,778	\$737,778
Building & Facilities												
Infrastructure												
General Government & Land Use	\$1,370,000	\$240,000	\$160,000	\$160,000	\$115,000	\$115,000	\$30,000	\$30,000	\$192,778	\$192,778	\$1,867,778	\$737,778
Public Safety												
Equipment & Technology	\$98,000	\$98,000	\$627,927	\$557,496	\$850,000	\$850,000			\$150,000	\$150,000	\$1,725,927	\$1,655,496
Building & Facilities	\$48,000	\$48,000									\$48,000	\$48,000
Infrastructure												
Public Safety	\$146,000	\$146,000	\$627,927	\$557,496	\$850,000	\$850,000			\$150,000	\$150,000	\$1,773,927	\$1,703,496
Public Schools												
Equipment & Technology	\$431,450	\$367,450	\$623,750	\$553,550	\$576,550	\$495,750	\$485,500	\$440,500	\$448,480	\$419,680	\$2,565,730	\$2,276,930
Building & Facilities	\$693,100	\$443,700	\$406,600								\$1,099,700	\$443,700
Infrastructure												
Public Schools	\$1,124,550	\$811,150	\$1,030,350	\$553,550	\$576,550	\$495,750	\$485,500	\$440,500	\$448,480	\$419,680	\$3,665,430	\$2,720,630
Public Works												
Equipment & Technology	\$835,200	\$835,200	\$1,095,000	\$824,500	\$1,082,800	\$857,300	\$820,000	\$820,000	\$622,600	\$622,600	\$4,455,600	\$3,959,600
Building & Facilities	\$195,000	\$195,000	\$125,000	\$125,000	\$1,500,000	\$1,500,000					\$1,820,000	\$1,820,000
Infrastructure	\$2,832,225	\$2,478,300	\$1,695,000	\$1,373,500	\$3,218,000	\$1,400,000	\$1,660,000	\$1,500,000	\$5,430,000	\$1,600,000	\$14,835,225	\$8,351,800
Public Works	\$3,862,425	\$3,508,500	\$2,915,000	\$2,323,000	\$5,800,800	\$3,757,300	\$2,480,000	\$2,320,000	\$6,052,600	\$2,222,600	\$21,110,825	\$14,131,400
Public Facilities - Undesignated												
Equipment & Technology	\$121,422	\$121,422	\$35,649	\$35,649	\$99,910	\$34,578			\$65,332	\$40,682	\$40,682	\$297,663
Building & Facilities	\$450,000	\$321,402	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000	\$2,121,402
Infrastructure												
Public Facilities - Undesignated	\$571,422	\$442,824	\$485,649	\$485,649	\$549,910	\$484,578	\$450,000	\$515,332	\$490,682	\$490,682	\$2,547,663	\$2,419,065

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FY 2011 - FY 2015

Description	2011		2012		2013		2014		2015		Five Year Request	Current 5-Yr Recom
	Department Request	Current Recom	Department Request	Current Recom								
Community Services												
Equipment & Technology	\$130,800	\$110,800	\$56,600	\$25,000	\$84,300	\$58,000	\$51,300	\$25,000	\$51,800	\$25,000	\$374,800	\$243,800
Building & Facilities	\$189,198	\$134,198	\$869,250	\$162,550	\$358,000		\$1,625,000	\$208,000	\$728,000	\$300,000	\$3,769,448	\$804,748
Infrastructure												
Community Services	\$319,998	\$244,998	\$925,850	\$187,550	\$442,300	\$58,000	\$1,676,300	\$233,000	\$779,800	\$325,000	\$4,144,248	\$1,048,548
General Fund												
Equipment & Technology	\$2,986,872	\$1,772,872	\$2,598,926	\$2,156,195	\$2,808,560	\$2,410,628	\$1,386,800	\$1,380,832	\$1,506,340	\$1,450,740	\$11,287,498	\$9,171,267
Building & Facilities	\$1,575,298	\$1,142,300	\$1,850,850	\$737,550	\$2,308,000	\$1,950,000	\$2,075,000	\$658,000	\$1,178,000	\$750,000	\$8,987,148	\$5,237,850
Infrastructure	\$2,832,225	\$2,478,300	\$1,695,000	\$1,373,500	\$3,218,000	\$1,400,000	\$1,660,000	\$1,500,000	\$5,430,000	\$1,600,000	\$14,835,225	\$8,351,800
Total General Fund Groups	\$7,394,395	\$5,393,472	\$6,144,776	\$4,267,245	\$8,334,560	\$5,760,628	\$5,121,800	\$3,538,832	\$8,114,340	\$3,800,740	\$35,109,871	\$22,760,917
Extraordinary Capital												
Equipment & Technology												
Building & Facilities	\$3,950,220	\$1,800,000	\$7,734,050	\$7,884,270	\$3,250,000		\$3,780,000		\$10,800,000	\$800,000	\$29,514,270	\$10,484,270
Infrastructure												
Extraordinary Capital	\$3,950,220	\$1,800,000	\$7,734,050	\$7,884,270	\$3,250,000		\$3,780,000		\$10,800,000	\$800,000	\$29,514,270	\$10,484,270
Recycling & Solid Waste Disposal												
Equipment & Technology	\$262,800	\$235,000	\$287,700	\$287,700	\$367,000	\$367,000			\$189,200	\$189,200	\$1,106,700	\$1,078,900
Building & Facilities			\$147,000				\$3,500,000				\$3,647,000	
Infrastructure												
RTS Enterprise	\$262,800	\$235,000	\$434,700	\$287,700	\$367,000	\$367,000	\$3,500,000		\$189,200	\$189,200	\$4,753,700	\$1,078,900

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Description	2011		2012		2013		2014		2015		Five Year Request	Current 5-Yr Recom
	Department Request	Current Recom	Department Request	Current Recom	Department Request	Current Recom	Department Request	Current Recom	Department Request	Current Recom		
Sewer Enterprise												
Equipment & Technology	\$151,000	\$151,000	\$73,500	\$73,500	\$174,000	\$174,000			\$123,300	\$123,300	\$521,800	\$521,800
Building & Facilities												
Infrastructure	\$5,564,950	\$5,291,000	\$4,308,900	\$1,311,250	\$1,540,500	\$438,500	\$1,638,500	\$3,253,500	\$3,574,000	\$430,500	\$16,626,850	\$10,724,750
Sewer Enterprise	\$5,715,950	\$5,442,000	\$4,382,400	\$1,384,750	\$1,714,500	\$612,500	\$1,638,500	\$3,253,500	\$3,697,300	\$553,800	\$17,148,650	\$11,246,550
Water Enterprise												
Equipment & Technology	\$248,600	\$248,600	\$100,900	\$100,900	\$129,000	\$129,000	\$57,400	\$57,400	\$38,800	\$38,800	\$574,700	\$574,700
Building & Facilities												
Infrastructure	\$1,296,800	\$1,216,800	\$1,140,550	\$1,041,250	\$6,243,600	\$5,533,100	\$3,048,050	\$1,574,600	\$5,672,100	\$579,000	\$17,401,100	\$9,944,750
Water Enterprise	\$1,545,400	\$1,465,400	\$1,241,450	\$1,142,150	\$6,372,600	\$5,662,100	\$3,105,450	\$1,632,000	\$5,710,900	\$617,800	\$17,975,800	\$10,519,450
Total All Groups	\$18,868,765	\$14,335,872	\$19,937,376	\$14,966,115	\$20,038,660	\$12,402,228	\$17,145,750	\$8,424,332	\$28,511,740	\$5,961,540	\$104,502,291	\$56,090,087

Town of Needham Capital Improvement Plan January 2010

Five Year Capital Submissions Preliminary Recommendations - All Funding Sources FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page	
General Government																			
Voting Machines	P 1	\$85,000					85,000	85,000					85,000	85,000	85,000				5 - 01
Core Fleet Replacement - General	N 1	\$28,000									28,000	28,000	28,000	28,000	28,000				5 - 03
Document Record Management System	P, D 1	\$140,000	140,000										140,000		-				5 - 05
Financial Application Hardware	P 1	\$150,000	150,000	150,000									150,000	150,000	150,000				5 - 07
Mail Processing Equipment	P 1	\$34,778									34,778	34,778	34,778	34,778	34,778				5 - 09
Network Servers & Switches	P 1	\$150,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	150,000	150,000	150,000				5 - 11
Desktop Virtualization	N 1	\$130,000			130,000	130,000							130,000	130,000	130,000				5 - 13
Geographic Information System Update	N 1	\$100,000									100,000	100,000	100,000	100,000	100,000				5 - 13
Integrated Global Financial Information System	P, D 1	\$990,000	990,000										990,000		-				5 - 13
Microsoft Office 2007 Upgrade	N 1	\$60,000	60,000	60,000									60,000	60,000	60,000				5 - 13
Total - General Government		\$1,867,778	1,370,000	240,000	160,000	160,000	115,000	115,000	30,000	30,000	192,778	192,778	1,867,778	737,778	737,778				
Cash Funding				240,000		160,000		115,000		30,000		192,778		737,778					
Debt Funding																			
Other Financial Source																			
Total - General Government				240,000		160,000		115,000		30,000		192,778		737,778					

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Five Year Capital Submissions
Preliminary Recommendations - All Funding Sources
FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page	
Public Safety																			
Public Safety Communication Systems	P, M 1	\$205,496	68,000	68,000	112,496	112,496	25,000	25,000					205,496	205,496	205,496				5 - 16
Fire Inspection Vehicle (C-43)	P 1	\$30,000	30,000	30,000									30,000	30,000	30,000				5 - 19
Fire Brush/Utility Truck (C-6)	P 1	\$45,000			45,000	45,000							45,000	45,000	45,000				5 - 19
Fire Engine (E-2)	P 1	\$400,000			400,000	400,000							400,000	400,000	-	400,000			5 - 19
Fire Apparatus Replacement (E-3 Quint)	P, M 1	\$750,000					750,000	750,000					750,000	750,000	-	750,000			5 - 19
Operations Deputy Chief Vehicle (C-3)	P 1	\$35,000					35,000	35,000					35,000	35,000	35,000				5 - 19
Fire Rescue (R-2)	N 1	\$150,000									150,000	150,000	150,000	150,000	-	150,000			5 - 19
Structural Firefighting Gear	P 1	\$40,000					40,000	40,000					40,000	40,000	40,000				5 - 21
Wireless Municipal Radio Master Fire Box	P, D 1	\$70,431			70,431								70,431		-				5 - 23
Public Safety Building AC Replacement **	N 2	\$48,000	48,000	48,000									48,000	48,000	48,000				6 - 01
Town Facilities Security System	N, I 2														-				6 - 14
Total - Public Safety		\$1,773,927	146,000	146,000	627,927	557,496	850,000	850,000			150,000	150,000	1,773,927	1,703,496	403,496	1,300,000			
Cash Funding				146,000		157,496		100,000						403,496					
Debt Funding						400,000		750,000				150,000		1,300,000					
Other Financial Source																			
Total - Public Safety				146,000		557,496		850,000				150,000		1,703,496					

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Five Year Capital Submissions
Preliminary Recommendations - All Funding Sources
FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page
Public Schools																		
School Copier Replacement	R, M 1	\$303,700	51,700	51,700	66,700	66,700	68,300	68,300	62,900	62,900	54,100	54,100	303,700	303,700	303,700			5 - 25
School Bus Replacement	N 1	\$85,000			85,000	85,000							85,000	85,000	85,000			5 - 27
New Technology	R, M 1	\$288,800	64,000		70,200		80,800		45,000		28,800		288,800		-			5 - 33
Technology Replacement	R, M 1	\$1,630,300	259,800	259,800	349,100	349,100	384,000	384,000	321,000	321,000	316,400	316,400	1,630,300	1,630,300	1,630,300			5 - 35
School Furniture & Musical Equipment	R, M 1	\$257,930	55,950	55,950	52,750	52,750	43,450	43,450	56,600	56,600	49,180	49,180	257,930	257,930	257,930			5 - 29
Emery Grover Renovation/Relocation Feasibility	N 2	\$30,000			30,000								30,000		-			6 - 02
Hillside and Mitchell Condition Assessment	P, M 2	\$50,000	50,000	50,000									50,000	50,000	-		50,000	6 - 03
Modular Classrooms	P 2	\$740,300	363,700	363,700	376,600								740,300	363,700	-	363,700		6 - 04
Pollard Middle School Condition Analysis	N 2	\$30,000	30,000	30,000									30,000	30,000	30,000			6 - 06
Pollard Middle School Parking Lot Improvements	P, D, S 2	\$249,400	249,400										249,400		-			6 - 07
Total - Public Schools		\$3,665,430	1,124,550	811,150	1,030,350	553,550	576,550	495,750	485,500	440,500	448,480	419,680	3,665,430	2,720,630	2,306,930	363,700	50,000	
Cash Funding				397,450		553,550		495,750		440,500		419,680		2,306,930				
Debt Funding				363,700										363,700				
Other Financial Source				50,000										50,000				
Total - Public Schools				811,150		553,550		495,750		440,500		419,680		2,720,630				

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Five Year Capital Submissions Preliminary Recommendations - All Funding Sources FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page
Public Works & Infrastructure																		
Stormwater Maintenance Equipment	P, M 1	\$235,000			235,000								235,000		-			5 - 38
Electronic Archive	P 1	\$71,000			35,500		35,500						71,000		-			5 - 40
Construction Equipment - General	R 1	\$229,700			39,700	39,700	190,000						229,700	39,700	39,700			5 - 42
Core Fleet Replacement - General	R, M 1	\$1,605,000	221,200	221,200	293,000	293,000	340,500	340,500	394,600	394,600	355,700	355,700	1,605,000	1,605,000	1,605,000			5 - 44
Large Specialty Equipment - General	R, M 1	\$531,300	223,500	223,500	130,000	130,000	177,800	177,800					531,300	531,300	531,300			5 - 47
Small Specialty Equipment - General	R 1	\$323,100	92,500	92,500	63,000	63,000	38,100	38,100	74,100	74,100	55,400	55,400	323,100	323,100	323,100			5 - 49
Snow and Ice Equipment Replacement	R, M 1	\$1,460,500	298,000	298,000	298,800	298,800	300,900	300,900	351,300	351,300	211,500	211,500	1,460,500	1,460,500	1,460,500			5 - 53
Emergency Generator	N 2	\$195,000	195,000	195,000									195,000	195,000	-		195,000	6 - 09
Salt Storage Facility	P, M 2	\$1,625,000			125,000	125,000	1,500,000	1,500,000					1,625,000	1,625,000	-	1,625,000		6 - 10
Brook & Culvert Repair & Maintenance	R 3	\$650,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	250,000	100,000	650,000	500,000	500,000			7 - 01
Town Wide GIS Monument Grid System	P 3	\$78,200			28,500		49,700						78,200		-			7 - 03
Retaking Monumentation of Street Layouts	P 3	\$294,625	65,625		75,000		84,000				70,000		294,625		-			7 - 04
Needham Center/Chestnut Street Streetscape & Pedestrian Facility Improvements	P, M 3	\$4,197,000	137,000		150,000		1,250,000		160,000		2,500,000		4,197,000		-			7 - 05
Needham Heights Streetscape & Pedestrian Facility Improvements	P, M 3	\$750,000									750,000		750,000		-			7 - 07
Bridge Repair (Kendrick Street over Charles)	P 3	\$850,000	850,000	850,000									850,000	850,000	-	850,000		7 - 09
Energy Supply Conversion	N 3	\$250,000	250,000	250,000									250,000	250,000	250,000			7 - 11
Storm Drain Discharge Improvements (EPA)	P, M 3	\$294,000	42,000	42,000	73,500	73,500	68,500				110,000		294,000	115,500	115,500			7 - 13
Stormwater Master Plan Drainage Improvements (Capacity)	P, M 3	\$683,800			68,000		365,800				250,000		683,800		-			7 - 15
Roadway Infrastructure Program	R, M 3	\$6,787,600	1,387,600	1,236,300	1,200,000	1,200,000	1,300,000	1,300,000	1,400,000	1,400,000	1,500,000	1,500,000	6,787,600	6,636,300	-	6,636,300		7 - 17
Total - Public Works & Infrastructure		\$21,110,825	3,862,425	3,508,500	2,915,000	2,323,000	5,800,800	3,757,300	2,480,000	2,320,000	6,052,600	2,222,600	21,110,825	14,131,400	4,825,100	9,111,300	195,000	
Cash Funding				1,227,200		998,000		957,300		920,000		722,600		4,825,100				
Debt Funding				2,086,300		1,325,000		2,800,000		1,400,000		1,500,000		9,111,300				
Other Financial Source				195,000										195,000				
Total - Public Works & Infrastructure				3,508,500		2,323,000		3,757,300		2,320,000		2,222,600		14,131,400				

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Five Year Capital Submissions Preliminary Recommendations - All Funding Sources FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page	
Public Facilities Undesignated																			
Core Fleet Replacement	R, M 1	\$241,287	65,046	65,046	35,649	35,649	99,910	34,578		65,332	40,682	40,682	241,287	241,287	241,287				5 - 55
Small Specialty Equipment	N 1	\$56,376	56,376	56,376									56,376	56,376	-		56,376		5 - 57
Facilities Maintenance Program**	R, M 2	\$2,250,000	450,000	321,402	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	2,250,000	2,121,402	2,121,402				6 - 12
Total - Public Facilities Undesignated		\$2,547,663	571,422	442,824	485,649	485,649	549,910	484,578	450,000	515,332	490,682	490,682	2,547,663	2,419,065	2,362,689		56,376		
Cash Funding				407,301		485,649		484,578		515,332		490,682		2,383,542					
Debt Funding																			
Other Financial Source				35,523										35,523					
Total - Public Facilities Undesignated				442,824		485,649		484,578		515,332		490,682		2,419,065					

** Actual funding recommended is \$400,00 but the difference is reflective under public safety and community services groups.

Town of Needham Capital Improvement Plan January 2010

Five Year Capital Submissions Preliminary Recommendations - All Funding Sources FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page
Community Services																		
Memorial Park Fencing & Bleachers	N 1	\$63,000	63,000	43,000									63,000	43,000	43,000			5 - 51
Core Fleet Replacement	N 1	\$33,000					33,000	33,000					33,000	33,000	33,000			5 - 59
Library Collections Supplement	P, M 1	\$125,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	125,000	125,000	125,000			5 - 61
Library Technology Replacement Plan	P, M 1	\$153,800	42,800	42,800	31,600		26,300		26,300		26,800		153,800	42,800	42,800			5 - 62
Trail Improvements - McCracken Camp	N 2	\$150,000					50,000		100,000				150,000		-			6 - 15
Trail Improvements - Needham Reservoir	N 2	\$200,000			50,000		150,000					200,000	200,000	200,000	200,000			6 - 16
Trail Improvements - Newman School	N 2	\$150,000							50,000	50,000	100,000	100,000	150,000	150,000	150,000			6 - 17
Trail Improvements - Ridge Hill	N 2	\$50,000									50,000		50,000		-			6 - 17
Athletic Facility Improvements	R, M 2	\$2,476,300	103,600	103,600	161,700		158,000		1,475,000	158,000	578,000		2,476,300	261,600	261,600			6 - 19
Bicycle Facilities	D, P 2	\$55,000	55,000										55,000		-			6 - 21
Claxton Field Building Roof Replacement **	N 2	\$30,598	30,598	30,598									30,598	30,598	30,598			6 - 22
Cricket Field Building Renovations	P, M, I 2	\$75,000			75,000								75,000		-			6 - 23
Mills Field Improvements	P 2	\$162,550			162,550	162,550							162,550	162,550	162,550			6 - 25
Playground Structure Replacements	P 2	\$150,000			150,000								150,000		-			6 - 27
New Athletic Fields Study	P, D 2	\$50,000			50,000								50,000		-			6 - 29
McCracken Camp Property Improvements	P 2	\$220,000			220,000								220,000		-			6 - 30
Improvements to Memorial Park Building & Facilities	P, I 2														-			6 - 31
Total - Community Services		\$4,144,248	319,998	244,998	925,850	187,550	442,300	58,000	1,676,300	233,000	779,800	325,000	4,144,248	1,048,548	1,048,548			
Cash Funding				244,998		187,550		58,000		233,000		325,000		1,048,548				
Debt Funding																		
Other Financial Source																		
Total - Community Services				244,998		187,550		58,000		233,000		325,000		1,048,548				

Town of Needham
Capital Improvement Plan
January 2010

Five Year Capital Submissions
Preliminary Recommendations - All Funding Sources
FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page
RTS Enterprise																		
Information Board	N 1	\$27,800	27,800										27,800		-			5 - 64
Construction Equipment - RTS	R 1	\$443,500			76,500	76,500	367,000	367,000					443,500	443,500	76,500	367,000		5 - 65
Core Fleet Replacement - RTS	R 1	\$139,200	139,200	139,200									139,200	139,200	139,200			5 - 67
Large Specialty Equipment - RTS	R 1	\$460,200	95,800	95,800	175,200	175,200					189,200	189,200	460,200	460,200	460,200			5 - 69
Construction Material Bin	N 1	\$36,000			36,000	36,000							36,000	36,000	36,000			6 - 32
Transfer Station Office Expansion and Transfer Station Improvements (Design)	P, D 2	\$3,647,000			147,000				3,500,000				3,647,000		-			6 - 33
Total - Recycling and Transfer Station Enterprise		\$4,753,700	262,800	235,000	434,700	287,700	367,000	367,000	3,500,000		189,200	189,200	4,753,700	1,078,900	711,900	367,000		
Cash Funding				235,000		287,700						189,200		711,900				
Debt Funding								367,000						367,000				
Other Financial Source																		
Total - Recycling and Transfer Station Enterprise				235,000		287,700		367,000				189,200		1,078,900				
Sewer Enterprise																		
Construction Equipment - Sewer	R 1														-			5 - 72
Core Fleet Replacement - Sewer	R 1	\$220,300	52,500	52,500	73,500	73,500					94,300	94,300	220,300	220,300	220,300			5 - 74
Large Specialty Equipment - Sewer	R, M 1	\$272,500	98,500	98,500			174,000	174,000					272,500	272,500	272,500			5 - 76
Small Specialty Equipment - Sewer	R, M 1	\$29,000									29,000	29,000	29,000	29,000	29,000			5 - 78
Wastewater Pump Station Improvements#	P, M 3	\$10,464,750	5,277,250	5,066,000	2,403,500	261,250	313,500	313,500	380,500	2,403,500	2,090,000	380,500	10,464,750	8,424,750	1,955,250	6,469,500		7 - 21
Sewer Service Connections	P, M 3	\$200,000			50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	200,000	200,000	200,000			7 - 23
SCADA System	P, I 3	\$768,100	62,700		705,400								768,100		-			7 - 25
Sewer Systems Rehabilitation Infiltration & Inflow Removal Programs	P, I 3	\$5,194,000	225,000	225,000	1,150,000	1,000,000	1,177,000	75,000	1,208,000	800,000	1,434,000		5,194,000	2,100,000	2,100,000			7 - 27
Total - Wastewater Operations & Infrastructure		\$17,148,650	5,715,950	5,442,000	4,382,400	1,384,750	1,714,500	612,500	1,638,500	3,253,500	3,697,300	553,800	17,148,650	11,246,550	4,777,050	6,469,500		
Cash Funding				1,376,000		1,384,750		612,500		850,000		553,800		4,777,050				
Debt Funding				4,066,000						2,403,500				6,469,500				
Other Financial Source																		
Total - Wastewater Operations & Infrastructure				5,442,000		1,384,750		612,500		3,253,500		553,800		11,246,550				

Town of Needham Capital Improvement Plan January 2010

Five Year Capital Submissions Preliminary Recommendations - All Funding Sources FY 2011 - FY 2015

Title	Code	Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page
Water Enterprise																			
Construction Equipment - Water	R	1	\$147,500	147,500	147,500									147,500	147,500	147,500			5 - 80
Core Fleet Replacement - Water	R	1	\$369,000	88,500	88,500	55,300	55,300	129,000	129,000	57,400	57,400	38,800	38,800	369,000	369,000	369,000			5 - 82
Small Specialty Equipment - Water	R	1	\$58,200	12,600	12,600	45,600	45,600							58,200	58,200	58,200			5 - 84
Water System Fire Flow Improvements	P	3	\$7,943,750	313,500	313,500			5,070,000	5,070,000	1,515,250		1,045,000		7,943,750	5,383,500	313,500	5,070,000		7 - 30
14 inch Water Main Replacements	P	3	\$3,947,300							487,600	487,600	3,459,700		3,947,300	487,600	-	487,600		7 - 31
WTP Filter Media Replacement	P	3	\$670,750			156,750	156,750	163,800	163,800	171,200	171,200	179,000	179,000	670,750	670,750	670,750			7 - 33
Fire Hydrant Replacements	P	3	\$100,000	100,000	100,000									100,000	100,000	100,000			7 - 35
Irrigation Supply Facility Design	P	3	\$80,000	80,000										80,000		-			7 - 37
Water Service Connections	P	3	\$1,000,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000	1,000,000			7 - 38
Water Supply Development E&D	D	3	\$200,000									200,000	200,000	200,000	200,000	200,000			7 - 39
Water System Rehabilitation Program	P, M	3	\$3,459,300	603,300	603,300	783,800	684,500	809,800	99,300	674,000	715,800	588,400		3,459,300	2,102,900	1,387,100	715,800		7 - 41
Total - Water Operations & Infrastructure			\$17,975,800	1,545,400	1,465,400	1,241,450	1,142,150	6,372,600	5,662,100	3,105,450	1,632,000	5,710,900	617,800	17,975,800	10,519,450	4,246,050	6,273,400		
Cash Funding				1,465,400			1,142,150		592,100		428,600		617,800		4,246,050				
Debt Funding								5,070,000			1,203,400				6,273,400				
Other Financial Source																			
Total - Water Operations & Infrastructure				1,465,400			1,142,150		5,662,100		1,632,000		617,800		10,519,450				

Town of Needham
Capital Improvement Plan
January 2010

Five Year Capital Submissions
Preliminary Recommendations - All Funding Sources
FY 2011 - FY 2015

Title	Code Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt	Other	Department Submission See Page
TOTAL SUBMISSIONS			\$14,918,545		\$12,203,326		\$16,788,660		\$13,365,750		\$17,711,740		\$74,988,021		Cash		\$21,419,541	
TOTAL RECOMMENDED *				\$12,535,872		\$7,081,845		\$12,402,228		\$8,424,332		\$5,161,540		\$45,605,817	Debt		\$23,884,900	
															Other		\$301,376	

Codes

- D = Recommendation is deferred or on hold pending other actions.
- I = Project submission is incomplete or waiting additional information.
- M = Submission has been modified
- N = New submission with this CIP.
- NQ = Request does not qualify as a capital submission
- P = Project request has appeared in previous CIP's.
- R = Request is a regularly occurring capital expense.
- S = No recommendation; under study
- X = Submitted request is outside the timeframe for this CIP.

Categories

- 1 = Equipment or Technology
- 2 = Building or Facility
- 3 = Infrastructure
- 4 = Extraordinary Capital Item

Town of Needham Capital Improvement Plan January 2010

Five Year Extraordinary Capital Submissions Preliminary Recommendations FY 2011 - FY 2015

Title	Code	Cat	Amount Submitted	2011 Department Request	Current Recom	2012 Department Request	Current Recom	2013 Department Request	Current Recom	2014 Department Request	Current Recom	2015 Department Request	Current Recom	Five Year Request	Current 5-Yr Recom	Cash	Debt Financed	Other Sources	
Extraordinary Capital Items																			
Land Acquisition	N	4	\$800,000									800,000	800,000	800,000	800,000		\$800,000		8 - 01
Police Station Improvements	N, S	4	\$2,500,000							2,500,000				2,500,000					8 - 02
Pollard School Design Study	P, M	4	\$4,584,270	450,220	400,000	4,134,050	4,184,270							4,584,270	4,584,270		\$4,584,270		8 - 03
DPW Phase II	P, I	4	\$11,630,000	100,000			100,000	250,000		1,280,000		10,000,000		11,630,000	100,000	\$100,000			8 - 05
New Senior Center	P, M	4	\$4,000,000	400,000	400,000	3,600,000	3,600,000							4,000,000	4,000,000		\$4,000,000		8 - 06
Purchase of Open Space Land	P, I	4	\$3,000,000	3,000,000	1,000,000									3,000,000	1,000,000			\$1,000,000	8 - 08
Rosemary Pool Renovations	P, M	4	\$3,000,000					3,000,000						3,000,000					8 - 09
Total - Extraordinary Capital Items			\$29,514,270	3,950,220	1,800,000	7,734,050	7,884,270	3,250,000		3,780,000		10,800,000	800,000	29,514,270	10,484,270	\$100,000	\$9,384,270	\$1,000,000	

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