

Five Year
Capital Submission Summary
And
Preliminary Out Year
Recommendations

Section 3

Town of Needham
Capital Improvement Plan
January 2015

**Five Year Capital
Group and Classification
FY2016 - FY2020**

Description	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One
Equipment & Technology												
General Fund	999,310	739,790	1,338,660	566,030	1,054,703	787,253	964,921	677,951	1,013,770	725,600	5,371,364	3,496,624
Community Preservation												
Recycling & Solid Waste Disposal												
Sewer Enterprise	70,500	70,500									70,500	70,500
Water Enterprise	35,000	35,000									35,000	35,000
Total Equipment & Technology	1,104,810	845,290	1,338,660	566,030	1,054,703	787,253	964,921	677,951	1,013,770	725,600	5,476,864	3,602,124
Fleet Program												
General Fund (includes unallocated)	1,214,223	1,105,298	1,723,352	814,016	1,164,718	890,472	479,485	690,000	1,267,875	1,297,358	5,849,653	4,797,144
Community Preservation												
Recycling & Solid Waste Disposal												
			223,750	189,507	282,120	282,120	247,616	247,616	171,828	171,828	925,314	891,071
Sewer Enterprise					72,200		554,561		1,054,309	471,305	1,681,070	471,305
Water Enterprise	151,344	41,604	95,910		147,695		329,528		38,353	38,353	762,830	79,957
Total Fleet Program	1,365,567	1,146,902	2,043,012	1,003,523	1,666,733	1,172,592	1,611,190	937,616	2,532,365	1,978,844	9,218,867	6,239,477
Building & Facilities												
General Fund	141,718,823	96,323	11,973,060	289,060	89,298,572	387,472	1,535,000	64,000	4,055,000		248,580,455	836,855
Community Preservation												
		1,000,000		276,000		285,000						1,561,000
Recycling & Solid Waste Disposal												
Sewer Enterprise												
Water Enterprise												
Total Buildings & Facilities	141,718,823	1,096,323	11,973,060	565,060	89,298,572	672,472	1,535,000	64,000	4,055,000		248,580,455	2,397,855

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Description	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One
Infrastructure & Land												
General Fund	9,390,500	5,453,500	2,138,000	1,355,000	3,558,800	1,300,000	1,834,000	1,250,000	2,043,800	1,250,000	18,965,100	10,608,500
Community Preservation		2,037,000		515,000								2,552,000
Recycling & Solid Waste Disposal												
Sewer Enterprise	600,000	600,000	123,860	123,860	1,132,400	542,400	50,000	1,132,400	680,000	50,000	2,586,260	2,448,660
Water Enterprise	1,720,500	1,020,500	427,900	320,400	1,401,750	999,750	236,500	638,500	4,775,000	4,575,000	8,561,650	7,554,150
Total Infrastructure & Land	11,711,000	9,111,000	2,689,760	2,314,260	6,092,950	2,842,150	2,120,500	3,020,900	7,498,800	5,875,000	30,113,010	23,163,310
General Government & Land Use												
Equipment & Technology	60,645	60,645	30,000	30,000	100,000	100,000	50,000	50,000	225,000	175,000	465,645	415,645
Fleet Program	31,574										31,574	
Building & Facilities												
Infrastructure & Land												
General Government	92,219	60,645	30,000	30,000	100,000	100,000	50,000	50,000	225,000	175,000	497,219	415,645
Public Safety												
Equipment & Technology							63,039	63,039	29,000	29,000	92,039	92,039
Fleet Program			124,016	124,016	200,472	200,472			607,358	607,358	931,846	931,846
Building & Facilities												
Infrastructure & Land												
Public Safety			124,016	124,016	200,472	200,472	63,039	63,039	636,358	636,358	1,023,885	1,023,885

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**Five Year Capital
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FY2016 - FY2020**

Description	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One
Public Schools												
Equipment & Technology	770,665	511,145	1,148,660	536,030	925,080	657,630	776,226	489,256	759,770	521,600	4,380,401	2,715,661
Fleet Program	52,713		188,805		91,435		56,073		60,984		450,010	
Building & Facilities	139,226,000		163,500	163,500	88,198,100	182,000	333,000	64,000	900,000		228,820,600	409,500
Infrastructure & Land												
Public Schools	140,049,378	511,145	1,500,965	699,530	89,214,615	839,630	1,165,299	553,256	1,720,754	521,600	233,651,011	3,125,161
Public Works												
Equipment & Technology	168,000	168,000	160,000		29,623	29,623	75,656	75,656			433,279	273,279
Fleet Program	1,101,887	1,077,249	1,295,847		843,338		423,412		564,677		4,229,161	1,077,249
Building & Facilities	126,500		1,218,000								1,344,500	
Infrastructure & Land	5,553,500	5,453,500	1,623,000	1,355,000	3,550,000	1,300,000	1,768,000	1,250,000	1,950,000	1,250,000	14,444,500	10,608,500
Public Works	6,949,887	6,698,749	4,296,847	1,355,000	4,422,961	1,329,623	2,267,068	1,325,656	2,514,677	1,250,000	20,451,440	11,959,028
Public Facilities - Undesignated												
Equipment & Technology												
Fleet Program	28,049	28,049	31,941		29,473				34,856		124,319	28,049
Building & Facilities	666,323	96,323	715,560	125,560	815,472	205,472	632,000		655,000		3,484,355	427,355
Infrastructure & Land												
Public Facilities - Undesignated	694,372	124,372	747,501	125,560	844,945	205,472	632,000		689,856		3,608,674	455,404

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Description	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One
Community Services												
Equipment & Technology												
Fleet Program			82,743								82,743	
Building & Facilities	1,700,000		9,876,000		285,000		570,000		2,500,000		14,931,000	
Infrastructure & Land	3,837,000		515,000		8,800		66,000		93,800		4,520,600	
Community Services	5,537,000		10,473,743		293,800		636,000		2,593,800		19,534,343	
General Fund												
Equipment & Technology												
Fleet Program (includes unallocated)	999,310	739,790	1,338,660	566,030	1,054,703	787,253	964,921	677,951	1,013,770	725,600	5,371,364	3,496,624
Building & Facilities	1,214,223	1,105,298	1,723,352	814,016	1,164,718	890,472	479,485	690,000	1,267,875	1,297,358	5,849,653	4,797,144
Infrastructure & Land	141,718,823	96,323	11,973,060	289,060	89,298,572	387,472	1,535,000	64,000	4,055,000		248,580,455	836,855
Total General Fund Groups	153,322,856	7,394,911	17,173,072	3,024,106	95,076,793	3,365,197	4,813,406	2,681,951	8,380,445	3,272,958	278,766,572	19,739,123
Community Preservation Act												
Equipment & Technology												
Fleet Program												
Building & Facilities		1,000,000		276,000		285,000						1,561,000
Infrastructure & Land		2,037,000		515,000								2,552,000
CPA		3,037,000		791,000		285,000						4,113,000

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Recycling & Solid Waste Disposal												
Equipment & Technology												
Fleet Program			223,750	189,507	282,120	282,120	247,616	247,616	171,828	171,828	925,314	891,071
Building & Facilities												
Infrastructure & Land												
RTS Enterprise			223,750	189,507	282,120	282,120	247,616	247,616	171,828	171,828	925,314	891,071
Sewer Enterprise												
Equipment & Technology	70,500	70,500									70,500	70,500
Fleet Program					72,200		554,561		1,054,309	471,305	1,681,070	471,305
Building & Facilities												
Infrastructure & Land	600,000	600,000	123,860	123,860	1,132,400	542,400	50,000	1,132,400	680,000	50,000	2,586,260	2,448,660
Sewer Enterprise	670,500	670,500	123,860	123,860	1,204,600	542,400	604,561	1,132,400	1,734,309	521,305	4,337,830	2,990,465
Water Enterprise												
Equipment & Technology	35,000	35,000									35,000	35,000
Fleet Program	151,344	41,604	95,910		147,695		329,528		38,353	38,353	762,830	79,957
Building & Facilities												
Infrastructure & Land	1,720,500	1,020,500	427,900	320,400	1,401,750	999,750	236,500	638,500	4,775,000	4,575,000	8,561,650	7,554,150
Water Enterprise	1,906,844	1,097,104	523,810	320,400	1,549,445	999,750	566,028	638,500	4,813,353	4,613,353	9,359,480	7,669,107
Total All Groups	155,900,200	12,199,515	18,044,492	4,448,873	98,112,958	5,474,467	6,231,611	4,700,467	15,099,935	8,579,444	293,389,196	35,402,766

Town of Needham
Capital Improvement Plan
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Five Year Capital Submissions
Preliminary Recommendations Tier One - All Funding Sources
FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page	
General Government																				
Network Hardware, Servers & Switches	R	Finance	1	30,000	30,000	30,000	30,000	50,000	50,000	50,000	50,000	75,000	75,000	235,000	235,000	235,000				5-01
Mail Processing Machines	P	Finance	1	30,645	30,645									30,645	30,645	30,645				5-03
Mobile Device Systems and Applications	N	Finance	1					50,000	50,000					50,000	50,000	50,000				5-05
Technology Systems and Applications Upgrades	N	Finance	1									100,000	100,000	100,000	100,000	100,000				5-07
Center at the Heights Computer Lab	NG	Finance	1									50,000		50,000						5-09
Total - General Government				60,645	60,645	30,000	30,000	100,000	100,000	50,000	50,000	225,000	175,000	465,645	415,645	415,645				
Equipment and Technology				60,645	60,645	30,000	30,000	100,000	100,000	50,000	50,000	225,000	175,000	465,645	415,645					
Buildings & Facilities																				
Infrastructure & Land																				
Other																				
Cash Funding					60,645		30,000		100,000		50,000		175,000		415,645					
Debt Funding																				
Other Financial Source																				
Total - General Government					60,645		30,000		100,000		50,000		175,000		415,645					

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Preliminary Recommendations Tier One - All Funding Sources
FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
Public Safety																			
Police Cruiser Radio Replacement	M	Police	1							63,039	63,039			63,039	63,039	63,039			5-13
Firearm Replacement	N	Police	1									29,000	29,000	29,000	29,000	29,000			5-15
Total - Public Safety										63,039	63,039	29,000	29,000	92,039	92,039	92,039			
Equipment and Technology										63,039	63,039	29,000	29,000	92,039	92,039				
Buildings & Facilities																			
Infrastructure & Land																			
Other																			
Cash Funding											63,039		29,000		92,039				
Debt Funding																			
Other Financial Source																			
Total - Public Safety											63,039		29,000		92,039				

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Five Year Capital Submissions
Preliminary Recommendations Tier One - All Funding Sources
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Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page	
Public Schools																				
Furniture	R	School	1	45,405	45,405	45,000	45,000	45,000	45,000	44,806	44,806	25,000	25,000	205,211	205,211	205,211				5-17
1:1 Initiative	MB	School	1	202,000		561,000		225,000		250,000		200,000		1,438,000						5-19
Interactive Whiteboard Technology	MB	School	1	12,600				50,000	50,000					62,600	50,000	50,000				5-23
Musical Equipment	BG	School	1	15,000		15,000		15,000		15,000		15,000		75,000						5-26
Technology Replacement	R	School	1	403,000	403,000	451,700	451,700	513,000	513,000	360,200	360,200	450,300	450,300	2,178,200	2,178,200	2,178,200				5-28
High School Graphics Production Room	QB	School	1	9,900		6,750		12,000		5,300		6,000		39,950						5-34
Copier Replacement	R	School	1	62,740	62,740	39,330	39,330	49,630	49,630	84,250	84,250	46,300	46,300	282,250	282,250	282,250				5-37
Fitness Equipment Replacement	QB	School	1	20,020		13,110		15,450		16,670		17,170		82,420						5-39
Production Center Postage Machine and Folder Inserter	Q	School	1			16,770								16,770						5-41
High School A Gym Upgrade	M	Public Facilities	2			105,000	105,000	182,000	182,000	64,000	64,000	30,000		381,000	351,000	351,000				6-09
High School Boiler Replacement	NS	Public Facilities	2									840,000		840,000						6-11
Pollard Blue & Green Gym Upgrades	M	Public Facilities	2			58,500	58,500	440,000		269,000		30,000		797,500	58,500	58,500				6-13
High Rock School Conversion	N	School	2					3,770,000						3,770,000						8-01
Temporary Modular School	M	School	2	20,101,000										20,101,000						8-05
DeFazio Permanent School	N	School	2	58,763,200										58,763,200						8-08
Hillside Elementary School Renovation	PM	School	2	55,904,600										55,904,600						8-12
High School Classroom Expansion	M	Public Facilities	2	4,457,200										4,457,200						8-16
School Administration Relocation	N	School	2					6,537,100						6,537,100						8-20
Emery Grover Building Renovation	PM	School	2					13,089,000						13,089,000						8-24
Mitchell Elementary School Renovation	PM	School	2					64,180,000						64,180,000						8-27
Total - Public Schools				139,996,665	511,145	1,312,160	699,530	89,123,180	839,630	1,109,226	553,256	1,659,770	521,600	233,201,001	3,125,161	3,125,161				
Equipment and Technology				770,665	511,145	1,148,660	536,030	925,080	657,630	776,226	489,256	759,770	521,600	4,380,401	2,715,661					
Buildings & Facilities				139,226,000		163,500	163,500	88,198,100	182,000	333,000	64,000	900,000		228,820,600	409,500					
Infrastructure & Land																				
Other																				
Cash Funding					511,145		699,530		839,630		553,256		521,600		3,125,161					
Debt Funding																				
Other Financial Source																				
Total - Public Schools					511,145		699,530		839,630		553,256		521,600		3,125,161					

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Five Year Capital Submissions
Preliminary Recommendations Tier One - All Funding Sources
FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
Public Works																			
Fuel System Software/Hardware Upgrade	N	DPW	1	94,500	94,500									94,500	94,500	94,500			5-43
Mobile Column Lifts	N	DPW	1	73,500	73,500									73,500	73,500	73,500			5-45
Message Boards	M	DPW	1			160,000								160,000					5-47
Specialty Equipment	M	DPW	1					29,623	29,623	75,656	75,656			105,279	105,279	105,279			5-49
Fuel Island Relocation and Upgrade at DPW Facility	MS	DPW	2	126,500		839,500								966,000					6-01
DPW Boiler Replacement 470 Dedham Avenue	MS	Public Facilities	2			378,500								378,500					6-15
Cooks Bridge	M	DPW	3	4,000,000	4,000,000									4,000,000	4,000,000	4,000,000			7-06
Drain System Improvements – Water Quality (EPA)	MS	DPW	3			118,000		2,000,000		118,000		250,000		2,486,000					7-08
Sidewalk Needs Assessment	GB	DPW	3	100,000										100,000					7-13
Public Works Infrastructure Program	M	DPW	3	1,453,500	1,453,500	1,505,000	1,355,000	1,550,000	1,300,000	1,650,000	1,250,000	1,700,000	1,250,000	7,858,500	6,608,500	4,108,500	2,500,000		7-15
Total - Public Works				5,848,000	5,621,500	3,001,000	1,355,000	3,579,623	1,329,623	1,843,656	1,325,656	1,950,000	1,250,000	16,222,279	10,881,779	4,381,779	6,500,000		
Equipment and Technology				168,000	168,000	160,000		29,623	29,623	75,656	75,656			433,279	273,279				
Buildings & Facilities				126,500		1,218,000								1,344,500					
Infrastructure & Land				5,553,500	5,453,500	1,623,000	1,355,000	3,550,000	1,300,000	1,768,000	1,250,000	1,950,000	1,250,000	14,444,500	10,608,500				
Other																			
Cash Funding					621,500		605,000		829,623		1,075,656		1,250,000		4,381,779				
Debt Funding					5,000,000		750,000		500,000		250,000				6,500,000				
Other Financial Source																			
Total - Public Works					5,621,500		1,355,000		1,329,623		1,325,656		1,250,000		10,881,779				

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Five Year Capital Submissions
Preliminary Recommendations Tier One - All Funding Sources
FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page	
Public Facilities																				
Energy Efficiency Upgrade Improvements	P	Public Facilities	2	96,323	96,323	125,560	125,560	205,472	205,472					427,355	427,355	427,355				6-03
Public Facilities Maintenance Program	BG	Public Facilities	2	570,000		590,000		610,000		632,000		655,000		3,057,000						6-06
Total - Public Facilities				666,323	96,323	715,560	125,560	815,472	205,472	632,000		655,000		3,484,355	427,355	427,355				
Equipment and Technology																				
Buildings & Facilities				666,323	96,323	715,560	125,560	815,472	205,472	632,000		655,000		3,484,355	427,355					
Infrastructure & Land																				
Other																				
Cash Funding					96,323		125,560		205,472						427,355					
Debt Funding																				
Other Financial Source																				
Total - Public Facilities					96,323		125,560		205,472						427,355					

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Five Year Capital Submissions
Preliminary Recommendations Tier One - All Funding Sources
FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
Community Services																			
Rosemary Pool Complex Renovations	PM	Parks & Recreation	2	1,000,000	1,000,000	9,600,000								10,600,000	1,000,000			1,000,000	6-17
Cricket Field Building Renovations	MS	Parks & Recreation	2	700,000										700,000					6-19
Town of Needham Athletic Facility & Public Recreation Improvements	MS	DPW	2			276,000	276,000	285,000	285,000	570,000		2,500,000		3,631,000	561,000			561,000	6-21
Trail Improvement Project - Newman Eastman Conservation	MS	Parks & Recreation	3	800,000										800,000					7-01
Trail Improvement Project - Needham Reservoir and Ridge Hill Loop	M	Community Development	3			515,000	515,000							515,000	515,000			515,000	7-03
Mills Field Improvements	M	DPW	3	510,000	510,000									510,000	510,000			510,000	7-11
Trail Improvement Project - Rosemary Camp	MS	Parks & Recreation	3					8,800		66,000		93,800		168,600					7-22
Newman School Fields Renovation	M	DPW	3	1,527,000	1,527,000									1,527,000	1,527,000			1,527,000	8-31
Open Space Purchase	N	Parks & Recreation	3	1,000,000										1,000,000					8-34
Total - Community Services				5,537,000	3,037,000	10,391,000	791,000	293,800	285,000	636,000		2,593,800		19,451,600	4,113,000			4,113,000	
Equipment and Technology																			
Buildings & Facilities				1,700,000	1,000,000	9,876,000	276,000	285,000	285,000	570,000		2,500,000		14,931,000	1,561,000				
Infrastructure & Land				3,837,000	2,037,000	515,000	515,000	8,800		66,000		93,800		4,520,600	2,552,000				
Other																			
Cash Funding																			
Debt Funding																			
Other Financial Source					3,037,000		791,000		285,000						4,113,000				
Total - Community Services					3,037,000		791,000		285,000						4,113,000				

* Refer to the last page for code and cat (category) descriptions

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FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
General Fleet Program																			
Core Fleet - Finance	R	Finance	1	31,574										31,574					5-58
Core Fleet - Fire	R	Fire	1			124,016	124,016					41,088	41,088	165,104	165,104	165,104			5-58
Core Fleet - School	RS	School	1	25,067										25,067					5-11
School Van Fleet	RS	School	1	27,646		188,805		91,435		56,073		60,984		424,943					5-11
Specialized Equipment - Fire	R	Fire	1					200,472	200,472			566,270	566,270	766,742	766,742	200,472	566,270		5-58
Core Fleet - Building	R	Building	1																5-58
Core Fleet - DPW Garage	R	DPW	1					33,089						33,089					5-58
Core Fleet - DPW General	R	DPW	1					153,674		41,375				195,049					5-58
Core Fleet - DPW Highway	R	DPW	1					48,165		99,702				147,867					5-58
Core Fleet - DPW Parks	R	DPW	1			32,607						47,975		80,582					5-58
Snow and Ice Equipment	R	DPW	1	326,879	326,879	273,719		355,205		169,536				1,125,339	326,879	326,879			5-58
Specialized Equipment - DPW Garage	R	DPW	1					79,969						79,969					5-58
Specialized Equipment - DPW General	R	DPW	1																5-58
Specialized Equipment - DPW Highway	R	DPW	1	514,314	489,676	629,230		167,745				342,010		1,653,299	489,676	489,676			5-58
Specialized Equipment - DPW Parks	R	DPW	1	260,694	260,694	360,291		5,491		112,799		174,692		913,967	260,694	260,694			5-58
Core Fleet - DPF	R	Public Facilities	1	28,049	28,049	31,941		29,473				34,856		124,319	28,049	28,049			5-58
Core Fleet - Human Services	R	Human Services	1			82,743								82,743					5-58
Fleet Program Funding***							690,000		690,000		690,000		690,000		2,760,000	2,760,000			5-58
Total - General Fund Fleet				1,214,223	1,105,298	1,723,352	814,016	1,164,718	890,472	479,485	690,000	1,267,875	1,297,358	5,849,653	4,797,144	4,230,874	566,270		
Cash Funding				1,214,223	1,105,298	1,723,352	814,016	1,164,718	890,472	479,485	690,000	1,267,875	1,297,358	5,849,653	4,797,144				
Debt Funding																			
Other Financial Source																			
Total - General Fund Fleet				1,214,223	1,105,298	1,723,352	814,016	1,164,718	890,472	479,485	690,000	1,267,875	1,297,358	5,849,653	4,797,144				

* Refer to the last page for code and cat (category) descriptions

Cash CIP Including Fleet				2,394,911		2,274,106		2,865,197		2,431,951		3,272,958		13,239,123					
Debt CIP Including Fleet				5,000,000		750,000		500,000		250,000				6,500,000					
Other CIP Including Fleet				3,037,000		791,000		285,000						4,113,000					
General Fund Including Fleet				153,322,856	10,431,911	17,173,072	3,815,106	95,076,793	3,650,197	4,813,406	2,681,951	8,380,445	3,272,958	278,766,572	23,852,123				

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Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
RTS Enterprise																			
Total - Recycling and Transfer Station Enterprise																			
Equipment and Technology																			
Buildings & Facilities																			
Infrastructure & Land																			
Other																			
Cash Funding																			
Debt Funding																			
Other Financial Source																			
Total - Recycling and Transfer Station Enterprise																			

* Refer to the last page for code and cat (category) descriptions

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Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
Sewer Enterprise																			
Specialty Equipment	R	DPW - Sewer	1	70,500	70,500									70,500	70,500	70,500			5-54
Sewer Pump Station Improvements	MS	DPW - Sewer	3	550,000	550,000			590,000		590,000		630,000		1,770,000	1,140,000	1,140,000			7-24
Sewer Service Connections	R	DPW - Sewer	3	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000	250,000			7-26
Sewer Main Extension Zone I and II	M	DPW - Sewer	3			73,860	73,860	492,400	492,400		492,400			566,260	1,058,660	1,058,660			7-28
Total - Wastewater Enterprise				670,500	670,500	123,860	123,860	1,132,400	542,400	50,000	1,132,400	680,000	50,000	2,656,760	2,519,160	2,519,160			
Equipment and Technology				70,500	70,500									70,500	70,500				
Buildings & Facilities																			
Infrastructure & Land				600,000	600,000	123,860	123,860	1,132,400	542,400	50,000	1,132,400	680,000	50,000	2,586,260	2,448,660				
Other																			
Cash Funding					670,500		123,860		542,400		1,132,400		50,000		2,519,160				
Debt Funding																			
Other Financial Source																			
Total - Wastewater Enterprise					670,500		123,860		542,400		1,132,400		50,000		2,519,160				

* Refer to the last page for code and cat (category) descriptions

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Five Year Capital Submissions
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FY2016 - FY2020

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page
Water Enterprise																			
Mobile Record Keeping Devices GIS	PM	DPW - Water	1	35,000	35,000									35,000	35,000	35,000			5-56
Water Supply Development	PM	DPW - Water	3	700,000										700,000					7-31
Water Service Connections	R	DPW - Water	3	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			7-34
Water System Rehabilitation Program	R	DPW - Water	3	820,500	820,500	120,400	120,400	801,750	399,750	36,500	438,500	375,000	375,000	2,154,150	2,154,150	1,519,150	635,000		7-36
Water Main Replacements	PM	DPW - Water	3					400,000	400,000			4,000,000	4,000,000	4,400,000	4,400,000	400,000	4,000,000		7-40
Fire Flow Improvement Study	N	DPW - Water	3			107,500								107,500					7-42
Water Distribution Study	NO	DPW - Water	3									200,000		200,000					7-44
Total - Water Enterprise				1,755,500	1,055,500	427,900	320,400	1,401,750	999,750	236,500	638,500	4,775,000	4,575,000	8,596,650	7,589,150	2,954,150	4,635,000		
Equipment and Technology				35,000	35,000									35,000	35,000				
Buildings & Facilities																			
Infrastructure & Land				1,720,500	1,020,500	427,900	320,400	1,401,750	999,750	236,500	638,500	4,775,000	4,575,000	8,561,650	7,554,150				
Other																			
Cash Funding					420,500		320,400		999,750		638,500		575,000			2,954,150			
Debt Funding					635,000								4,000,000			4,635,000			
Other Financial Source																			
Total - Water Enterprise					1,055,500		320,400		999,750		638,500		4,575,000		7,589,150				

* Refer to the last page for code and cat (category) descriptions

**Town of Needham
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**Five Year Capital Submissions
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FY2016 - FY2020**

Title	Code*	Department	Cat*	2016 Department Request	Tier One	2017 Department Request	Tier One	2018 Department Request	Tier One	2019 Department Request	Tier One	2020 Department Request	Tier One	Five Year Request	Preliminary Five Year Tier One	Cash	Debt	Other	Page							
Enterprise Fleet Program																										
Core Fleet	R	DPW - RTS	1			31,970								31,970					5-58							
Specialized Equipment	R	DPW - RTS	1			191,780	189,507	282,120	282,120	247,616	247,616	171,828	171,828	893,344	891,071	361,335	529,736		5-58							
Core Fleet	R	DPW - Sewer	1							41,374		68,369		109,743					5-58							
Specialized Equipment	R	DPW - Sewer	1					72,200		513,187		985,940	471,305	1,571,327	471,305	471,305			5-58							
Core Fleet	R	DPW - Water	1	72,493	41,604	95,910		63,823						232,226	41,604	41,604			5-58							
Specialized Equipment	R	DPW - Water	1	78,851				83,872		329,528		38,353	38,353	530,604	38,353	38,353			5-58							
Total - Enterprise Fleet***				151,344	41,604	319,660	189,507	502,015	282,120	1,131,705	247,616	1,264,490	681,486	3,369,214	1,442,333	912,597	529,736									
Cash Funding															681,486					912,597						
Debt Funding																				247,616					529,736	
Other Financial Source																										
Total - Enterprise Fleet***				41,604	189,507	282,120	247,616	681,486	1,442,333																	

* Refer to the last page for code and cat (category) descriptions

RTS CIP Including Fleet				223,750	189,507	282,120	282,120	247,616	247,616	171,828	171,828	925,314	891,071						
Sewer CIP Including Fleet				670,500	670,500	123,860	123,860	1,204,600	542,400	604,561	1,132,400	1,734,309	521,305	4,337,830	2,990,465				
Water CIP Including Fleet				1,906,844	1,097,104	523,810	320,400	1,549,445	999,750	566,028	638,500	4,813,353	4,613,353	9,359,480	7,669,107				
Total Enterprise CIP				2,577,344	1,767,604	871,420	633,767	3,036,165	1,824,270	1,418,205	2,018,516	6,719,490	5,306,486	14,622,624	11,550,643				

TOTAL SUBMISSIONS - All Funds	\$155,900,200	\$18,044,492	\$98,112,958	\$6,231,611	\$15,099,935	\$293,389,196	Cash	19,058,760	
TOTAL RECOMMENDED - All Funds **	\$12,199,515	\$4,448,873	\$5,474,467	\$4,700,467	\$8,579,444	\$35,402,766	Debt	12,231,006	
							Other	4,113,000	

** Exclusive of any extraordinary capital recommendations

Equipment & Technology - All	1,104,810	845,290	1,338,660	566,030	1,054,703	787,253	964,921	677,951	1,013,770	725,600	5,476,864	3,602,124							
Fleet - All	1,365,567	1,146,902	2,043,012	1,003,523	1,666,733	1,172,592	1,611,190	937,616	2,532,365	1,978,844	9,218,867	6,239,477							
Buildings & Facilities - All	141,718,823	1,096,323	11,973,060	565,060	89,298,572	672,472	1,535,000	64,000	4,055,000		248,580,455	2,397,855							
Infrastructure & Land - All	11,711,000	9,111,000	2,689,760	2,314,260	6,092,950	2,842,150	2,120,500	3,020,900	7,498,800	5,875,000	30,113,010	23,163,310							
Other - All																			
TOTAL	155,900,200	12,199,515	18,044,492	4,448,873	98,112,958	5,474,467	6,231,611	4,700,467	15,099,935	8,579,444	293,389,196	35,402,766							

** Exclusive of any extraordinary capital recommendations

Code
 B = Funding may be considered under the operating budget/special warrant article
 C = Recommendation is combined with other requests
 D = Recommendation is deferred or on hold pending other actions
 E = Emergency approval
 F = Funded appropriation outside the capital plan
 G = Request may not qualify as capital submission
 I = Project submission is incomplete or waiting additional information
 M = Submission has been modified from previous submission
 N = New submission with this CIP
 P = Project request has appeared in previous CIP's
 Q = Request does not qualify as a capital submission
 R = Request is a regularly occurring capital expense
 S = No recommendation; under study
 U = Urgent request based on identified conditions

Cat (Category)
 1 = Equipment or Technology
 2 = Building or Facility
 3 = Infrastructure

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Provisional Capital Submissions
 No Recommendations

Title	Department	Cat*	Target Year	Estimated Cost	Department Submission See Page
Athletic Fields Master Plan	Park & Recreation	2	TBD	\$75,000	9-16
Bridge Repairs	Public Works - Engineering	3	TBD	\$5,000,000	9-03
Camp Property Renovations	Park & Recreation	2	TBD	\$250,000	9-14
Canoe Launch	Park & Recreation	2	TBD	Unknown	9-17
DeFazio Park Parking Lot & Tot Lot	Public Works	3	TBD	\$10,000,000	9-04
DPW Complex	Public Works	2	TBD	TBD	9-05
Emery Grover Roof Replacement	Public Facilities	2	TBD	\$150,000	9-10
Farley Pond Loop Trail	Community Development	3	TBD	\$15,000	9-15
Library RFID	Library	1	TBD	\$100,200	9-12
Memorial Park Buildings and Grounds	Trustees of Memorial Park	2	TBD	\$8,000,000	9-18
Pollard School Improvements	School	2	2014	\$12,847,035	9-02
Pollard School Locker Room Improvements	School	2	TBD	Unknown	9-11
Public Playgrounds	Park & Recreation	2	TBD	\$600,000	9-13
Radio Repeater Building Replacement (Hillcrest Rd.)	Multiple Departments	2	TBD	\$230,000	9-01
Sign Shop	Public Works - Highway	1	TBD	\$35,000	9-07

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Provisional Capital Submissions
 No Recommendations

Title	Department	Cat*	Target Year	Estimated Cost	Department Submission See Page
Street Signs	Public Works - Highway	3	TBD	\$45,000	9-06
Survey Equipment	Public Works - Engineering	1	TBD	\$35,000	9-08
Town Common Redesign and Beautification	Public Works - Parks	2	TBD	\$500,000	9-09
Transfer Station Expansion Recycling Area	Public Works - RTS	2	TBD	Unknown	9-19
Transfer Station Renovations	Public Works - RTS	2	TBD	\$2,500,000	9-20
Sewer System Infiltration & Inflow Removal	Public Works - Sewer	3	TBD	Unknown	9-21
Sewer Main Replacement	Public Works - Sewer	3	2020	\$600,000	9-23
Fire Flow Improvements	Public Works - Water	3	2018	\$2,743,000	9-24
Irrigation Supply	Public Works - Water	3	TBD	Unknown	9-25

Cat (Category)
 1 = Equipment or Technology
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