Town of New Durham, New Hampshire

CAPITAL IMPROVEMENT PROGRAM

2012 - 2021

A Master Plan Implementation Program

Prepared For the Town of New Durham Planning Board

Recommended by New Durham Advisory Capital Improvement Committee
Paddy McHale, Chairman and Member-at-Large
Chris LaPierre, Vice-Chairman and Member-at-large
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Adam Buehne, Budget Committee Representative
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Jeff Kratovil, Board of Selectmen's Representative

Town of New Durham, New Hampshire

Capital Improvement Program
2012 ~ 2021

(A Master Plan Implementation Program)

This is to certify this Capital Improvement Program was prepared according to New Hampshire RSA 674: 5 - 7, adopted and transmitted to the Board of Selectmen and the Budget Committee for their use in preparing the annual budget for the Town of New Durham.

PLANNING BOARD MEMBERS

Robert Craycraft, Chair ______________________________

Scott M. Drummey, VC/CIP Rep. ______________________________

Dorothy Veisel ______________________________

David Bickford, BOS Rep. ______________________________

Paul Raslavicus ______________________________

Date: ______________

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INTRODUCTION

A Capital Improvement Program (CIP) is a critical tool to implement the Town's Master Plan. It is also a useful tool in anticipating future costs to the Town, and planning ahead for those costs. The Town of New Durham has used a 10-year cycle overview rather than a 6-year schedule as some other plans use.

The CIP schedule is meant to identify projects required to construct or purchase needed capital facilities and/or equipment, consistent with the continued growth and development of the Town. The plan identifies project cost estimates, and possible funding sources. It is to be updated annually by the Planning Board, and the Advisory Capital Improvement Committee, for the use of the Board of Selectmen and Budget Committee to prepare and adopt the annual budget. The goal is to link local infrastructure investments with the Master Plan policies and other implementation programs (see RSA 674: 5-8).

The Advisory Capital Improvements Committee has reviewed the Town of New Durham Capital Improvements Plan for the upcoming 2012 budget season. The CIP committee has made changes to the CIP in order to adjust to the economic environment, as well as to reflect the decisions of the 2010 and 2011 Town Meeting.

The CIP committee has suggested the creation of one new capital reserve fund, but left the funding recommendation open to the Budget Committee and Board of Selectmen to decide. It is the recommendation of the Advisory CIP Committee that the Capital Reserve Funds be funded at the level indicated in order to ensure sufficient funds for future expenditures.

CAPITAL IMPROVEMENTS

What are Capital Improvements?

Capital Improvements are the *"bricks and mortar"* of the Town, streets, bridges, downtown improvements, community centers, schools, and major one-time acquisitions of equipment are all considered capital improvements. For this CIP, a capital improvement project is defined as:

- A physical public improvement involving a facility
- Acquisition of a parcel of land or easements
- A piece of major equipment and/or vehicle with a value exceeding $10,000 and occurring no more frequently than every five years

Examples of Capital Improvements are:

- New public buildings, or expansion or renovation of existing buildings
- Land acquisition, development and/or major improvement for public purpose
- Major vehicle and equipment purchases or leases
- Road Maintenance
- Sidewalks & Street Tree Plantings

Note should be made that for the purposes of the 2012 review by the Advisory Committee, the capital cost base was maintained at $10,000 per the 2007 increase.

RECOMMENDATIONS OF THE CIP ADVISORY COMMITTEE

In 2011, the Committee met on seven occasions (June 27th, July 11th, July 25th, August 8th, August 22nd, September 12th and September 26th), resulting in the following recommendations:

PUBLIC SAFETY

Public Safety Facilities Capital Reserve Fund

Recommendation: $25,000

Rationale: The committee anticipates that the Fire Department will make some major improvements next year. The committee also anticipates the need for a future Public Safety Facility. They would like to see this account funded for the updates to the Fire Station, and for future planning of a concentrated Public Safety facility in Town.

FIRE DEPARTMENT

Fire Truck Capital Reserve Fund

Recommendation: $30,000

Rationale: $30,000 over a span of 6 years will keep the fund at a safe level after purchasing the next fire truck.

Planning, Construction Satellite Fire Station

Recommendation: $10,000

Rationale: This has been a topic of discussion for the committee. The CIP committee feels it is a matter of time before the town needs a satellite station. The department has secured the land, and the committee would like to see the town prepare for this expense. There may be an opportunity to rotate a fire truck up to this facility, when it is time for replacement of this truck. There is also a significant level of interest from Kings Highway area residents to participate as fire fighters at a closer station.

POLICE DEPARTMENT

Police Cruiser Capital Reserve Fund

Recommendation: $53,000

Rationale: All of the equipment in the Police Department's Chevy Impala will have to be replaced as the Chief is moving to a Ford with this next cruiser. The committee thinks that the Town should be prepared for the every other year replacement that will be coming forward in the next few years. This amount will fund the vehicle for next year, with $15,000 left over to bring this CRF back on a schedule.

HIGHWAYS AND STREETS

HIGHWAY DEPARTMENT

Highway Equipment Purchases Capital Reserve Fund

Recommendation: $50,000

Rationale: Because the Town lease purchased the Grader in 2011, there is enough money for the CIP committee to recommend less than the CIP schedule calls for. The Loader is up for replacement in 2013, for $125,000. There is enough money in the account to purchase the Loader and stay on schedule.

Highway Truck Capital Reserve Fund:

Recommendation: $100,000

Rationale: The CIP is recommending more to this account because it was short funded last year and there are several major purchases coming up in the next few years: a dump truck with plow in 2012, a pick-up truck in 2013 and a dump truck with plow in 2014.

Construction/Expansion of Highway Garage Capital Reserve Fund

Recommendation: $20,000

Rationale: The Road Agent will have enough to fund the construction of an addition to move the Highway Department Office, so as to make public access safer and more accessible. However, there are still several updates to the Highway Garage that need to be made including the roof, insulation, furnace, as well as the compressor to be moved. This will fund the reserve just enough, as the Road Agent feels he will have enough money to add the necessary addition to the Highway garage next year.

***Gravel Fund**

Suggestion: Special note has been made of the Town's gravel pit. The CIP recommends the establishment of a gravel capital reserve fund.

Rationale: The Town-owned gravel pit has approximately two years worth of gravel left; and the pit has to be closed by the year 2015. The Road Agent will recommend the amount to be placed in this fund.

*New Capital Reserve Fund recommended.

EQUIPMENT MECHANIC DEPARTMENT

Vehicle and Equipment Maintenance Capital Reserve Fund

Recommendation: $0

Rationale: The Equipment Mechanic recommended zero funding this line, but the committee would like to look into adding for unforeseen emergencies in the future.

SOLID WASTE

Solid Waste Facilities Improvement Capital Reserve Fund

Recommendation: $5,000

Rationale: There is a temporary reduction in the recommendation this year, as there are no immediate plans for improvements to the Solid Waste facility, except to repair the roof.

Purchase Equipment for Transfer Station Capital Reserve Fund

Recommendation: $5,000

Rationale: This amount has been reduced, due to the quality of the repair of the bailer this year. As there are significant equipment expenses coming up in the next ten years, the committee recommends that there be significant research done for the upcoming schedule.

CULTURE AND REREATION

PARKS AND RECREATION DEPARTMENT

Smith Ball Field Improvements Capital Reserve Fund

Recommendation: $2,000

Rationale: There are many updates that need to be done at the ball fields; the first of which are some in-field updates to the baseball fields. In the long term, some significant irrigation updates will be costly.

LIBRARY DEPARTMENT

Library Facilities Improvements Capital Reserve Fund

Recommendation: $2,000

Rationale: The committee is recommending $2,000 to keep accruing money in that account for future facility improvements.

Library Technology Improvements Capital Reserve Fund

Recommendation: $0

Rationale: The Library Director said that it was not crucial to add to this fund this year. The committee decided to take that as a recommendation.

GENERAL GOVERNMENT

LAND AND BUILDING

Municipal Facility Land Acquisition

Recommendation: $25,000

Rationale: The committee would like to see the proper planning for future town services, and feels that the time to start putting away money for the future acquisition of property is now.

Shirley Cemetary Improvements Capital Reserve Fund

Recommendation: $0

Rationale: The CRF is holding approximately $5,000. The committee has not received any hard numbers for future updates.

1772 Meeting House Restoration Capital Reserve Fund

Recommendation: $10,000

Rationale: The cost to update this building is high, and the committee is working towards phase two of the project. They will be seeking a LCHIP grant to pay for half of the project, and would like to see enough to fund the Town's portion build up in this fund.

Master Plan

Recommendation: $2,000

Rationale: The Planning Board would like to hire consultants for the Master Plan update next year. They believe it will cost close to $10,000 to 15,000 to do so.

CONCLUSION

For the 2011 budget year, the CIP committee recommended a total amount of $428,616.25. This number included Dry Hydrants, and Milfoil (totaling $12,500), which are not included in this year's recommendation. This year we are recommending an amount of $339,000, which is $89,616.25 (21%) less than last year. The committee recognizes the need to keep the Town's budget low, and has gone through each project and capital reserve fund to determine what the funding for the 2012 budget should be to keep this plan on track. We believe we have accomplished this task while still achieving substantial savings.

The Advisory Capital Improvements Committee feels it is important to fund the above Capital Reserve funds at their recommended levels and not cut them anymore. The goal of the CIP committee is to maintain the Capital Reserve fund balance schedules so that future capital expenses do not incur large impacts to the Town's budget in any one year. In recent years, the committee has adjusted its recommendations to the schedule in order to adapt to the economic environment, as well as the budgetary decisions of the Town without sacrificing the purpose of the CIP itself.

Over the past few years, the Town budget has become less prone to large spikes and maintained a more level funded state due to implementation of the Capital Improvement Program. If the Plan is maintained according to schedule, the town will see a savings in the long run. If the CIP schedule is cut deeper, the Town budget will return to the past state where large fluctuations in budget expenses (and tax rates) occurred from year to year due to the need to make large Capitol purchases.

	A	D	E	F	G	H	I	J	K	L	M	N	O	P
1	TOWN APPROPRIATIONS	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total %	AV Annual
2													Change	% Change
3														
4	Operating													
5	General Government	510,514	569,249	600,990	635,942	719,574	789,028	883,056	1,021,531	1,036,103	1,058,296	1,008,172	107%	8.5%
6	Public Safety	303,369	340,421	332,941	391,354	507,270	454,919	529,909	561,753	575,171	571,276	589,559	108%	9.0%
7	Highways & Streets	399,477	436,173	465,102	478,300	531,935	591,656	608,959	661,162	806,128	798,542	757,770	108%	8.6%
8	Sanitation	198,258	203,058	247,667	251,069	237,926	282,831	282,831	266,224	275,296	256,231	221,025	69%	7.7%
9	Health & Welfare	27,483	37,652	42,689	52,894	64,398	57,242	51,467	39,167	37,519	32,169	30,378	80%	1.8%
10	Culture/Rec/Conservation	101,860	116,973	115,510	119,571	131,927	138,166	146,028	164,577	167,657	163,478	172,769	84%	7.2%
11														
12														
13														
14	Capital													
15	Land	213,263	160,704	212,045	203,180	176,281	140,597	166,800	96,546	150,000	115,055			
16	Machinery Vehicles & Equip	140,252	16,052	41,500	9,333	18,741	117,907	12,000	141,268	112,000	108,950			
17	Buildings / Other	0	10,802	65,066	304,983	2,848	37,760	77,363	635,000	0	25,000	0		
18	Capital Reserve Funds	143,500	110,500	116,000	121,000	121,000	278,100	375,145	264,800	239,700	559,379	339,500		
19	Expendable Trusts	12,500	10,500	13,000	12,300	19,000	43,200	86,000	62,000	54,000	53,500	62,500		
20														
21														
22														
23														
24	**Debt Service**	173,128	182,855	177,792	158,464	177,676	64,749	64,149	187,944	180,461	141,295	137,235		
25														
26	**Total Town Appropriations**	2,223,604	2,194,939	2,430,302	2,738,390	2,708,576	2,996,155	3,283,707	4,101,972	3,634,035	3,883,171	3,318,908	41.6%	4.6%

Town Appropriations- Table 1

	A	B	C	D	E	F	G	H	I	J	K	L
1	**Year**					**Total Town Capital Expense**						
2	*These numbers include Capital Outlay, Capital Reserve Funds, and Expendable Trust Funds											
3												
4							**$$$**					
5	**1999**						382,235					
6	**2000**						1,116,991					
7	**2001**						509,315					
8	**2002**						308,558					
9	**2003**						447,611					
10	**2004**						650,796					
11	**2005**						337,870					
12	**2006**						654,139					
13	**2007**						551,145					
14	**2008**						1,122,814					
15	**2009**						555,700					
16	**2010**						861,884					
17	**2011**						562,224					
18	Total						8,061,282					
19												
20												
21	Average Annual Capital Expenditures						671,774					
22												
23												
24	Excludes	Copple Crown Village District and School										
25												
26												
27												
28												

	A	D	E	F	G	H	I	J	K	L	M	N	O	Q
1	**Town Revenues**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**Total $$**	**Avg**
2		$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	**Change**	% Chg
3														
4	**Property Tax**	1,303,752	1,478,473	1,532,799	1,728,210	2,053,256	2,186,048	2,487,780	2,658,933	2,764,040	3,047,826		1,382,980	**9.8%**
5	(town only)													
6	**Other Local Rev**	655,420	592,993	652,059	901,048	691,519	610,768	853,827	951,993	798,404	727,037			
7														
8	**Federal Revenue**	28,500	0	1,300	0	0	0	209,460	0	31,355	0			
9														
10	**From State of NH**	256,751	198,251	227,535	248,989	237,830	211,064	231,392	247,334	149,507	231,276	264,540	105,768	**13.3%**
11														
12	**Total (excl. PropTax)**	940,671	791,244	880,894	1,150,037	929,349	821,832	1,294,679	1,199,327	979,266	958,313			
13														
14														
15	**Assessed Valuation**	143,757,785	148,051,350	153,561,450	334,375,040	408,480,930	422,622,660	429,514,920	434,865,120	436,201,420	418,341,000	418,341,000		**2.4%**
16	from MS1													
17														
18	**Note 1**	**Assessed Valuation trending**												
19	The years 2004, 2005, and 2010 should be discounted for trending purposes (revaluation years)													
20	Average percentage increase						**2.4%**							
21														
22	**Note 2**	**FEMA reimbursement**												
23	Federal Revenue indicative of FEMA reimbursement for 2007 flood events ~ one time occurrences													
24	FEMA funds from 2009- Therefore trending figures unreliable													
25														
26	**Note 3**													
27	Local Revenue Trending is variable from year to year due to bond issuance,													
28	and use of Capital Reserve Funds													
29	State Funds cannot be relied upon either; note the deletion of shared revenues 2009/2010													

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1														Total $$	Total %	Avg
2	Assessed	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Change	Change	% Chg
3	Valuations															Notes
4		139,793,950	143,757,785	148,051,350	153,561,450	334,375,040	408,480,930	422,622,660	431,568,920	434,865,120	436,201,420	418,341,000		278,547,050	211.1%	1 & 2
5														$$ Change		
6	Total Combined	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	$$$	Yr. '04-'08		
7	Tax Rates	26.08	28.54	28.98	31.10	16.96	15.95	16.86	18.24	18.99	20.24	21.19		$4.89	12.65%	Note 3
8																
9																
10																
11	Note 1	2000-2003	Average Annual Percentage Change =				2.75%									
12		2003-2005	Average Annual Percentage Change =				69.93%									
13		Dramatic Percentile Change from 2004 to 2005 represents a total townwide revaluation														
14																
15	Note 2	Town Valuation Average % since Revaluation of 2004							2.00%							
16		Note: 1% used for Table 12 due to falling property values														
17																
18	Note 3	Tax Rate Average % increase since Revaluation of 2004							3.16%							
19																

	A	E	F	G	H	I	J	K	L	M	N	O	P
1	YEAR	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
2													
3	Projected												
4	Assessed	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000	418,341,000
5	Valuation												
6													
7	Town Bonding	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968	7,320,968
8	Capacity 1.75%												
9													
10	Debt	136,295	133,159	130,197	120,990	117,290	110,290	73,000	72,000	71,444	68,000	66,700	68,500
11													
12													
13	Available Town	7,184,673	7,187,809	7,190,771	7,199,978	7,203,678	7,210,678	7,247,968	7,248,968	7,249,524	7,252,968	7,254,268	7,252,468
14	Bonding												
15	Capacity												
16													
17	Note 1	Assessed valuation flat lined											
18	Note 2	Debt increased slightly this year due to lease/purcahse of 2011 grader, next year decreased with payments to Rescue Pumper complete.											
19	Note 3	Numbers are approximate											
20													
21	Pumper/Rescue Truck		Last Payment		2012								
22	HW Grader		Last Payment		2015								
23	Marchs Pond Dam		Last Payment		2023								
24	Salt Storage Building		Last Payment		2024								
25													
26	L/T Debt= $889K												

FIRE VEHICLES	Life	Replace	Replace	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	Expectancy	Costs	Cost/yr.											
2008 Rescue / Pumper	20	250,000	12,500											
1982 Forestry Truck*														
1986 Utility 1 F350 Rehab	15	63,000	4,200											
1994 Engine (E1)	20	300,000	15,000									300,000		
04 Ford Expedition (C1)	11	37,000	3,364					28,000						
01 Ladder Truck (L1)	25	475,000	19,000											
Trailers/Boat/Mule	10	10,000	1,000											
Total Cost		1,135,000					28,000							
Total Annual Cost + 1.5%	150%	1,702,500	0				32,200				345,000			
06 Ambulance	10	125,000	12,500						125,000					
Note: Ambulance Replacement Costs to be borne by User's Fees into the Ambulance Revolving Fund														
Capital Reserve Calculation				**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
2008 Rescue Pumper		Note 1		0	7,500	7,500	12,500	12,500				12,500	12,500	12,500
1982 Forestry Truck		Note 3												
1986 Utility 1 F350 Rehab		Note 3		3,000	3,000	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200	4,200
1994 Engine (E1)		Note 2		21,975	21,975	21,975	21,975	21,975	21,975	21,975	21,975	17,250	17,250	17,250
04 Ford Expedition (C1)				3,500	3,500	3,500	3,500	3,500	2,800	2,800	2,800	2,800	2,800	2,800
01 Ladder Truck (L1)				23,750	23,750	23,750	23,750	23,750	23,750	23,750	23,750	23,750	23,750	23,750
Trailers/Boat/Mule		Note 4		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Totals		Note 5		53,225	53,225	61,925	66,925	66,925	53,725	53,725	53,725	61,500	61,500	61,500
Note 1		2008 Lease Acquisition for 08 Pumper Rescue payments placed in operational debt schedules. Debt repaid in total in 2012												
Note 2		Existing CRF balance of $202,959 plus future accruals until 2017 to be used to defray cost of acquisition of Engine E1												
		Balance of 197,779 to be raised over next 9 years ($197,779/9 = 21,975)												
Note 3		1986 Rescue Vehicle was originally planned for conversion to forest utility re grant skid unit												
		but Fire Chief sees greater value in maintaining Rescue Truck for equipment & people carriage.												
		1982 Dodge Forestry Truck has been repaired and put back into service. The new skid steer unit was installed on it												
Note 4		Trailers, boat, and Mule ~ nominal $1000 annual placement into reserve for												
		accessibility to funds for replacement of items valued at less than $10,000.												
Note 5		Total for 2010 and 2011 reflects amount allocated at Town Meeting												

FIRE INFRASTRUCTURE	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1. Fire House Capacity	0	30,000									
Expendable Town Bldgs Trust											
2. New Station Construction									100,000		
Existing Capital Reserve Fund											
3. Kings Highway Sub Station	0	25,000	25,000	25,000							
Existing Capital Reserve Fund											
4. Land Acquisition Fund	0	10,000	10,000	10,000	10,000	10,000	10,000	10,000			
2008 New Reserve ($25K)											
5. Dry Hydrant/Cisterns	2,500	2,500	2,500	2,500							
Totals	**2,500**	**67,500**	**37,500**	**37,500**	**10,000**	**10,000**	**10,000**	**10,000**	**100,000**	**0**	
NOTES											
1. Fire House Improvements	Exhaust System was put in with grant money. Renovations to old Kitchen area to office space $15K.										
Year 2010						Total $60K over 2 years					
2. New Station Construction	Amount indicative of poten			0	7,500	7,500					
Year 2018 or 2019- 3/14/2006	disestablishing Fire Station Addition CRF, and moving funds t Public Safety Facilities Fund										
3.Kings Highway Sub Station	Construction Savings Plan for new substation proposal										
pushed out - created 3/14/2007											
4. Land Acquisition Fund	Town Meeting approved CRF in 2008 for Land Acquisition for Municipal facilities.										
created 3/12/2008	$$$ amounts probably indicative of what should be reserved for the next three years.										
5. Dry Hydrants/Cisterns	Monies indicative of possibly 3 dry hydrant installations										
Note :	Total for 2011 reflects amount allocated at Town Meeting										

POLICE VEHICLES	Life	Replace	Replace											
	Expct	Costs	Cost/yr av.	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
2011 Ford Explorer	7	37,000	5,286								37000			
2008 Ford Expedition	8	32,000	4,000						32,000					
2010 Ford Crown Vic	8	34,000	4,250								30000			
2005 Chevrolet Impala	7	31,000	4,429		31,000							31,000		
2006 Ford Crown Vic	8	32,500	15,000				32,000							
Total Cost w/o Inflation		166,500		0	31,000	0	32,000	0	32,000	0	67,000	31,000	0	
Total Annual Cost + 1.5% Inflation	150%	249,750		33,840	34,255		35,840		35,840	35,360	100,500	34,255		
				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Capital Reserve & Operational														
2011 Ford Explorer				5,286	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	
2008 Ford Expedition				3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	3,750	
2010 Ford Crown Vic	Note 2			4,285	5,286	5,286	5,286	5,286	5,286	5,286	5,286	5,286	5,286	
2005 Chevrolet Impala				0	7,500	7,500	4,428	4,428				4,428	4,428	
2006 Ford Crown Vic				4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	
Totals	Note 3			25,000	24,536	24,536	21,464	21,464	17,036	17,036	17,036	21,464	21,464	
	Note 4				15,000	15,000	15,000							
Total with amendment					39,536	39,536	36,464							
Town Meeting														
Note 1	Facility Improvements at the PD began in 2010, finished in 2011. Facility Improvement line removed per recommendation of CIP Committee													
Note 2	Replace 2003 Ford Explorer with a Ford F150 Crew Cab													
Note 3	Total from 2011 reflects actual allocated to the fund at 2011 Town Meeting.													
Note 4	Amount added to bring schedule back on track.													

HIGHWAY EQUIPMENT	Life	Replace	Replace											
Equipment Description	Cycle	Cost	Cost/Yr	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
06 Backhoe Cat 420E w/thumb	18	85,000	4,722											
98 JD 544 Loader	15	125,000	8,333			125,000								
99 Sweepster Tow Broom	18	10,000	1,000							10,000				
2011 Volvo Grader w/ wing gear	15	190,000	15,000											
04 Chipper	20	20,000	1,000											
04 12 Ton Trailer	30	10,000	330											
~~87 Fiat Allis FD7 Dozer~~	~~30~~	~~75,000~~	~~2,500~~							~~75,000~~				
Total Cost without Inflation		440,000				125,000				10,000				
Total Cost with 1.5% Inflation	150%	660,000				132,500				15,000				
Capital Reserve Calculation				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
06 Backhoe CAT 420E w/thumb				4,722	4,722	4,722	4,722	4,722	4,722	4,722	4,722	4,722	4,722	
98 JD 544 Loader		Note 1		23,000	23,000	0	7,500	7,500	8,330	8,330				
99 Sweepster Tow Broom				1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
2011 Volvo Grader w/ wing gear				31,666	31,666	31,666	31,666	12,666	12,666	12,666	12,666	12,666	12,666	
04 Chipper				1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
04 12 Ton Trailer				330	330	330	330	330	330	330	330	330	330	
~~87 Fiat Allis FD7 Dozer~~				9,458	9,458	9,458	9,458	9,458	9,458	9,458	2,500	2,500	2,500	
Total Capital Reserve Funding		Note 2		71,176	71,176	48,176	55,676	36,676	37,506	37,506	22,218	22,218	22,218	
Added to recoup 2010 shortfall				5,000	5,000	5,000	5,000	5,000						
				76,176	76,176	53,176	60,676	41,676						
Town Meeting Amount:				30,000										
Note 1		$$$'S needed calculated on remaining years to expected replacement.												
Note 2		Total for 2010 reflects amount allocated at 2010 Town Meeting												

HIGHWAY VEHICLES	Life	Replace	Replace											
Highway Truck Description	Expt	Cost	Cost/Yr	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
08 Freightliner 4x4 w/plow, etc	12	135,000	11,250											
09 International 4900 with/p/d	10	115,000	11,500										115,000	
99 SterlingL7500 w/dump, plow etc	10	110,000	11,000		110,000									
11 Int 7400 w/dump, plow etc	10	115,000	15,000	115,000										
04 Int 7400 w/dump, plow etc	10	115,000	11,500					110,000						
06 Ford f550 w/dump plow etc	12	92,000	7,667								92,000			
01 GMC Pick Up - 2 (07 purchase)	6	24,000	4,000			24,000								
10 Ford F350 w/ plows	8	35,000	4,375								35,000			
Total Cost without inflation		741,000	76,292	115,000	110,000	24,000	0	110,000	0	0	127,000	0	115,000	0
Total Annual Cost + 1.5% Inflation	150%	1,111,500	114,438	172,500	165,000	36,000	0	165,000	0	0	190,500	0	172,500	0
Capital Reserve Calculation				**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
08 Freightliner 4x4 w/plow etc		**Note 1**		0	7,500	7,500	11,250	11,250				11,250	11,250	
09 International 4900 with/p/d		**Note 2**		11,000	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	
99 SterlingL7500 w/dump, plow etc				29,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	
11 Int 7400 w/dump, plow etc				24,725	24,725	9,580	9,580	9,580	9,580	9,580	9,580	9,580	9,580	
				17,365	17,365	17,365	17,365	11,000	11,000	11,000	11,000	11,000	11,000	
06 Ford f550 w/dump plow etc				7,667	7,667	7,667	7,667	7,667	7,667	7,667	7,667	7,667	7,667	
01 GMC Pick Up - 2 (07 purchase)				4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	
10 Ford F350 w/ plows				4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	4,375	
Total Capital Reserve Funding				**98,132**	**88,432**	**73,287**	**77,037**	**70,672**	**59,422**	**59,422**	**59,422**	**70,672**	**70,672**	
Added to recoup 2010 shortfall					10,000	10,000	10,000	10,000						
					98,432	83,287	87,037	80,672						
Town Meeting amount				70,000										
Note 1	2008 Freightliner to be replaced in 2020 (12 year turnaround)													
Note 2	2009 International to be replaced in 2020 (10 year turnaround) expected turnaround time for an aging vehicle.													

HIGHWAY											
INFRASTRUCTURE	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
CRF Addition to Highway Bldg	20,000	20,000	20,000								
See Note 1											
Main Street/Old Bay Rd Sdwlk	5,000	0	0	0	0	0	0	0	0	0	0
See Note 2											
Town Road Infrastructure	200,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
See Note 3											
Gravel		25,000	25,000	25,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000
See Note 4											
Drainage Projects	25,000	25,000									
See Note 5											
Totals	**250,000**	**145,000**	**100,000**	**100,000**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**
Town Meeting Amount:	**191,000**										
Note 1				0	7,500	7,500					
Note 2	This CRF was dissolved at the 2011 Town Meeting.										
Note 3	RSMS is updated annually, with funding to come from Highway Block grant and Town Meeting. Funding from state is estimated to see										
	significant reduction over the next few years										
Note 4	Town will have to start purchasing gravel in 2013										
Note 5	Highway Department has and is in the process of updating drainage through significant culvert replacements and updates										

SOLID WASTE FACILITY	Life	Replacem	Replace												
	Expct	Costs	Cost/yr	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Facility Improvement Fund	25	50,000				50,000									
Equipment Fund:															
2010 Bobcat Skid Steer	12	35,000	15,000												35,000
Baler	20	31,000	1,550												31,000
2002 Hopper / Compactor	20	30,000	1,500												30,000
2006 50 Yard Roll Off	10	10,000	1,000						10,000						
Plastic Compactor															
Total Cost w/o inflation		156,000				50,000			10,000						96000
Total Cost with 1.5% Inflation	150%	234,000				68,750			11,500						144000
Capital Reserve Calculation				2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2020
Facility Improvement Fund				9,000	9,000	0	7,500	7,500							
2010 Bobcat Skid Steer				15,000	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920	2,920
Baler	**Note 3**			1,550	6,000	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550	1,550
				1,500	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
2006 50 Yard Roll Off	**Note 4**			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Plastic Compactor															
Total	**Note 5**			22,920	12,920	9,470	9,470	9,470	9,470	9,470	9,470	9,470			
Note 1	Additions to current recycling bldg. Building Addition, bailer, compacter, roll offs etc, should be all included in Transfer Station														
	Improvements.														
Note 2	Hopper Compactor due for replacement in 2022; no money previous saved hence $3000 x 10 to meet replacement-														
	Can be rebuilt, 1989 Compactor - rebuilt next year. Not included b/c it will cost $5500 and will last another 5 years.														
Note 3	Baler repaired in 2012- pushed out replacement date														
Note 4	Roll off would be 45 Container roll off (will include roof) Price given is high- just bought one for $7,500														
Note 5	Total for 2011 reflects what was allocated at 2011 Town Meeting														

RECREATION	Cost	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Smith Ball Field Improvements												
Total Capital Costs												
		2011	2012	5,000	2014	2015	2016	2017		2019	2020	2021
Smith Ball Field Improvements	Note 1	10,000	10,000	10,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Totals	Note 2	1,000	2,000									
Note 1	Increase in CRF's due to increasing repair and improvement schedules											
Note 2	CRF was not funded in 2010, 2011 total indicates amount allocated at the 2011 Town Meeting; 2012-2021 Totals reflect CIP Committee r											
Capital Reserve Status	New Reserve created 2008											

LIBRARY	Life	eplaceme	Replace	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	Expct	Costs	Cost/Yr											
Land Acquisition			10,000					50,000						
Library Addition		Bond	140,000					550,000						
Library Facilities			5,000											
Library Technology Reserve			15,000											
Total			**170,000**											
Total Annual Cost + 1.5% inflation		150%	255,000											
Capital Reserve / Bond				**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
Land Acquisition			**Note 2**	10,000	10,000	10,000	10,000							
Library Addition			**Note 1**					50,000	50,000	50,000	50,000	50,000	50,000	
Library Facilities Reserve				2,000	5,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	
Library Technology Reserve				0	7,500	7,500	2,000	2,000				2,000		
Total			**Note 3**	**2,000**	**12,500**	**10,500**	**5,000**	**5,000**	**3,000**	**3,000**	**3,000**	**5,000**	**3,000**	
Note 1	Suggested pricing may be too low													
	for 20 year build out as opposed to original conceived 10 year build out. Also, consideration should be given to hiring another employee													
Note 2	Land Acquisition funds to be placed in Municipal Land Acquisition CRF													
Note 3	Total for 2011 reflects funds allocated at Town Meeting													

General Government	Life	eplaceme	Replace	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Land and Buildings	Expct	Costs	Cost/Yr											
Municipal Land Acquisition														
Shirley Cemetery Improvements														
1772 Meetinghouse Restoration			150,000											150,000
Master Plan			15,000							15,000				
Total														
Total Annual Cost + 1.5% inflation		150%	0											
Capital Reserve / Bond				**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
Municipal Land Acquisition				10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Shirley Cemetery Improvements				500	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
1772 Meetinghouse Restoration				2,000	14,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Master Plan				0	2,000	2,000	2,000	2,000	2,000	2,000				
Total				**12,500**	**28,000**	**29,000**	**29,000**	**29,000**	**29,000**	**29,000**	**27,000**	**27,000**	**27,000**	**27,000**