Town of Exeter

Capital Improvement Program

Projects, Programs, Vehicles and Equipment Needs

2014-2019

Participating Departments:
Town Manager
Planning Department
Conservation Commission
Fire Department
Department of Public Works

Town of Exeter
2014 -2019 Capital Improvement Program

Background

Exeter's Capital Improvement Program or CIP identifies the capital needs of the town and indicates how these needs might be funded over a six-year period. It describes long-term capital needs for all municipal departments including highway, police, fire, parks and recreation, water, sewer, public library and other departments.

The CIP is a planning document. As such, it is updated annually and subject to change as the needs of the town change. Adjustments are made for new regulations, growth in population, transportation alternatives, changes in priorities, or other needs. One effective use of the CIP is that it provides for considerable advance project identification, public discussion, project design and definition of scope, cost estimating, and financial planning.

Statutory Authority

The CIP, conforms to the requirements of "Title LXIV Planning and Zoning; Chapter 674; Local Land Use Planning and Regulatory Powers; Capital Improvement Program; Section 674:5-7".

Process

The CIP process is coordinated annually by the Town's Planning Department. Participating municipal departments submit a 6-year listing of proposed projects, including vehicle and equipment needs in excess of $25,000. The requests are then reviewed and critiqued by the Town Manager and Town Planner and then presented to the Planning Board. The Planning Board provides recommendations at an initial working meeting and later in September adopts the CIP, and forwards the report to the Selectmen. Both the Budget Committee and Board of Selectmen review the CIP with the latter determining the final list of projects to be presented at the Town Meeting each year. Under SB2, selected projects are then voted on by the voters at the March elections.

Purpose

The goal of the CIP is to establish a system of procedures and priorities by which to evaluate public improvement projects in terms of public safety, public need, project continuity, financial resources, and the strategic goals for the Town. The CIP allows town departments to establish a methodology and priority system to providing efficient and effective services. It also provides an opportunity for citizens and interested parties to voice their requests for community improvement projects.

Guiding Principles

The guiding principles used to develop the Capital Improvement Program (CIP) are as follows:

- To preserve and improve town owned infrastructure through public facility planning, construction, rehabilitation and maintenance;
- To maximize the useful life of capital investments by scheduling major renovations and modifications at the appropriate time in the life-cycle of the facility;
- To identify and examine current and future infrastructure needs and establish priorities among projects so that available resources are used to the town's best advantage;
- To improve financial planning by comparing needs with resources, estimating future bond issues as required, and identifying potential fiscal implications to Exeter taxpayers and ratepayers;
- To provide a forward looking planning tool for the purpose of contributing to the creation of a stable property tax rate;
- To aid the Town's elected officials, appointed committees, and department heads in the prioritization, coordination, and sequencing of various municipal improvements;
- To inform residents, business owners and developers of needed and planned improvements.

Town Planner Comment

Dedicated town staff work very hard to provide a Capital Improvement Program that efficiently and effectively serves the Town of Exeter. It is the hope of staff that this information will provide the various stakeholders and voters sufficient information to make educated decisions for the betterment of Exeter. For further questions on various projects, please call the contact person identified on each worksheet.

About This Document:

This report is divided into multiple sections which are as follows:

- Page 1: 2014 Project Summary List
- Page 2: 2014 Vehicles/Equipment Summary List
- Pages 3-7: 2014 to 2019 Spreadsheets:

  This section provides the reviewer with a list of projects, vehicles and equipment within the next six years and includes the project number, title, year, and associated costs. Spreadsheets are organized in the following categories:

  - Summary of Projects, Programs, and Vehicles by Year
  - General Fund – Existing and Proposed Debt Service
  - Water Fund – Existing and Proposed Debt Service
  - Sewer Fund – Existing and Proposed Debt Service
- Page 8: 2013 CIP Projects and Programs
- Page 9: 2013 CIP Vehicle and Equipment Replacement
- Department Worksheets:

  This Section includes 2014 projects, programs, vehicles, and equipment worksheets provided by departments. It should be noted that each project is assigned a number that can be found on the left-hand column of the spreadsheets and at the bottom of the worksheets. The worksheet order is as follows:

  Projects: Town Manager, Conservation Commission, Fire Department, Public Works Maintenance, Public Works - Engineering and Highway, Water and Sewer, Vehicles and Equipment.

Capital Improvement Program
Proposed Project Summary for 2014

Project No.	Project Title	Project Cost	Notes
M1	Townwide Facilities Plan	$50,000	
M2	Exeter Train Station Welcome Center (Baggage Building) Restoration Project	TBA	
CC1	Elliot Property Acquisition	$26,590	
F1	Sub-Station Design and Construction	$2,500,000	
F2	Communications Improvements	$344,963	
A1	Municipal Storage Facility	$240,000	
A2	Exterior Paint and Repair for Rec & Senior Center	$40,000	
A3	Public Safety Complex Heating BoilersReplacement	$111,000	
D1	Supplemental Pavement Management Funds	$250,000	
D2	Linden St. & Court St. Culvert Repairs	$635,000	
D3	Great Dam Modifications	TBD	
D4	String Bridge (funding authorized in 2008)	$100,000	
D5	Sidewalk Program	$120,000	
Total Cost General Fund Projects		**$4,417,553**	
G1	Hampton Rd. Tank Asset Management Program	$102,448	
G2	Water Line Rehabilitation Program	$1,400,000	
H1	New Wastewater Treatment Facilicties	$6,000,000	
H2	Infiltration/Inflow Abatement	$212,500	
H3	WWTP Heating Replacement	$69,500	
H4	Replace/Upgrade Sewer Televising Equipment	$60,000	
H5	Sewer Line Rehabilitation	$196,000	
Total Cost Sewer and Water Fund Projects		**$8,040,448**	
		$12,458,001	

Capital Improvement Program
Vehicle and Equipment Replacement for 2014

Dept.	Project No.	Project Title	Project Cost	Life to Date Maintenance Cost
Fire	F3	Utility 1 (Pick-up) - Replacement	$42,483	$15,634
Fire	F4	Fire Alarm Bucket Truck-Replacement	$90,000	$35,377
Maint.	A6	Plumbing/HVAC Van #12	$22,985	$3,402
Highway	D8	6 Wheel Dump Truck (#30)	$151,846	$54,834
Highway	D9	Replace Truck #29	$48,813	$4,537 for 2012
Total Cost of General Fund Vehicles			**$313,644**	
Water	G3	Backhoe #53	$170,379	$24,928
Water	G4	Pick Up Truck #3	$17,942	$7,642
Cost of Water/Sewer Vehicles			**$188,321**	
TOTAL COST OF ALL 2014 Vehicles			**$501,965**	

Town of Exeter
Capital Improvement Program - Summary of Projects, Programs, and Vehicles by Year

	Project / Equipment Description	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
M	**General Government Town Manager**											
M1	Town Wide Facilities Plan	2014		$ 50,000		50,000	-	-	-	-	-	50,000
M2	Exeter Train Station Welcome Center	2014		TBD		TBD	-	-	-	-	-	-
CC	**Conservation Commission**											
CC1	Elliot Property Acquisition	2014		$ 26,590		26,590	-	-	-	-	-	26,590
	TOTAL - GENERAL FUND - Town Office				-	76,590	-	-	-	-	-	76,590
F.	**Fire Dept. Buildings & Infrastructure**											
F1	Fire Sub-Station Construction	2014	1 of 2	$ 2,500,000	Deferred	2,500,000	-	-	-	-	-	2,500,000
F2	Communications Improvements	2014	2 of 2	$ 344,963		344,963	-	-	-	-	-	344,963
	Fire Department Vehicles											
F3	Utility 1 Replacement (Pick-up)	2014	MV-1	$ 42,483	Deferred	42,483	-	-	-	-	-	42,483
F4	Fire Alarm Bucket Truck Replacement	2014	MV-2	$ 90,000		90,000	-	-	-	-	-	90,000
F5	Engine 4 Replacement	2017	MV-3	$ 492,107		-	-		492,107			492,107
F6	Command Car 2 Replacement	2018	MV-4	$ 32,853		-	-	-	-	32,853	-	32,853
	TOTAL - GENERAL FUND - Fire				-	2,977,446	-	-	492,107	32,853	-	3,502,406
FA	**Ambulace Revolving Fund**											
FA1	Ambulance 1 Replacement	2015	MV-5	$ 196,610		-	196,610	-	-	-	-	196,610
FA2	Ambulance 2 Replacement	2018	MV-6	$ 206,807		-	-			206,807		206,807
	TOTAL - AMBULANCE REVOLVING FUND				-	-	196,610	-	-	206,807	-	403,417
A.	**Town-Owned Property/Building-Maintenance Department**											
A1	Municipal Storage Facility	2014	1 of 5	$ 240,000		240,000	-	-	-	-	-	240,000
A2	Exterior Painting and Repair to Parks & Rec. Builiding	2014	2 of 5	$ 40,000	Deferred	40,000	-	-	-	-	-	40,000
A3	Replacement of Public Safety Complex Heating Boilers	2014	3 of 5	$ 111,000		111,000	-	-	-	-	-	111,000
A4	Riverwalk Replacement Grant Supplement	2015	4 of 5	$ 40,000		-	40,000	-	-	-	-	40,000
A5	Swazey Parkway Revetment Repair	2015	5 of 5	$ 25,000		-	25,000	-	-	-	-	25,000
	Maintenance Vehicles											
A6	Plumbing/HVAC Van (#12)	2014	MV-1	$ 22,985		22,985	-	-	-	-	-	22,985
A7	Maintenance Carpenter Pick-Up (#4)	2015	MV-2	$ 18,227		-	18,227	-	-	-	-	18,227
A8	Sedan #7	2015	MV-3	$ 21,000		-	21,000	-	-	-	-	21,000
A9	Replace Truck #23	2016	MV-4	$ 31,560		-	-	31,560	-	-	-	31,560
	TOTAL - GENERAL FUND - Building Maintenance				-	413,985	104,227	31,560	-	-	-	549,772
D.	**Public Works Department-Engineering & Highway**											
D1	Supplemental Pavement Management Funds	annual	1 of 7	$ 250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
D2	Linden St & Court St Culvert Repairs	2014	2 of 7	$ 635,000	150,000	635,000	845,000	-	-	-	-	1,480,000
D3	Great Dam Modifications	2014	3 of 7	TBD		TBD		-	-	-	-	-
D4	String Bridge	2014	4 of 7	$ 100,000	Deferred	100,000	1,136,000	-	-	-	-	1,236,000
D5	Sidewalk Program	2014	5 of 7	$ 120,000		120,000	120,000	120,000	120,000	120,000	120,000	720,000
D6	Lincoln Street Project-Phase II Street	2015	6 of 7	$ 105,000		-	105,000	945,000	-	-	-	1,050,000
D7	Portsmouth Ave Reconstruction-Phase II	2019	7 of 7	$ 3,097,000		-	-	-	-	-	3,097,000	3,097,000
	Vehicles/Heavy Equipment											
D8	Replace Six Wheel Dump Truck #30	2014	HV-1	$ 151,846		151,846	-	-	-	-	-	151,846
D9	Replace Truck #29	2014	HV-2	$ 48,813		48,813	-	-	-	-	-	48,813
D10	Rebuild Street Sweeper #48	2015	HV-3	$ 150,000		-	150,000	-	-	-	306,030	456,030
D11	Sedan #17	2017	HV-4	$ 21,000		-	-	-	21,000	-	-	21,000
	TOTAL - GENERAL FUND - DPW Highway				400,000	1,305,659	2,606,000	1,315,000	391,000	370,000	3,773,030	9,760,689

Town of Exeter
Capital Improvement Program - Summary of Projects, Programs, and Vehicles by Year

	Project / Equipment Des cription	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
G.	**Water Department**											
G1	Hampton Road Tank Asset Management Program	2014	1 of 2	$ 102,448		102,448	102,448	102,448	102,448	102,448	30,023	$ 542,263
G2	Water Line Rehabilitation	2014	2 of 2	$ 1,400,000		1,400,000	-	1,400,000	-	1,400,000	-	$ 4,200,000
	Vehicles/Heavy Equipment											
G3	Backhoe #53	2014	1 of 6	$ 170,379		170,379	-	-	-	-	-	$ 170,379
G4	Pick Up Truck #3	2014	2 of 6	$ 17,942		17,942	-	-	-	-	-	$ 17,942
G5	Pick Up Truck #32	2015	3 of 6	$ 53,700		-	53,700	-	-	-	-	$ 53,700
G6	Sedan #13	2016	4 of 6	$ 21,000			-	21,000	-	-	-	$ 21,000
G7	Truck #11	2016	5 of 6	$ 42,129			-	42,129	-	-	-	$ 42,129
G8	Truck #33	2018	6 of 6	$ 166,653		-	-	-	-	166,653	-	$ 166,653
	TOTAL - WATER FUND				-	$ 1,690,769	$ 156,148	$ 1,565,577	$ 102,448	$ 1,669,101	$ 30,023	$ 5,214,066
H.	**Sewer Department**											
H1	New Wastewater Treatment Facilities	2014	1 of 7	$ 6,000,000	50,000	6,000,000	40,000,000			241,000	246,000	$ 46,487,000
H2	Infiltration/Inflow Abatement	2014	2 of 7	$ 212,500		212,500	712,500	176,000	136,000	TBD	TBD	$ 1,237,000
H3	WWTP Heating Replacement	2014	3 of 7	$ 69,500		69,500	-	-	-	-	-	$ 69,500
H4	Replace/Upgrade Sewer Televising Equipment	2014	4 of 7	$ 60,000		60,000	-	-	-	-	-	$ 60,000
H5	Sewer Line Rehabilitation	2014	5 of 7	$ 196,000		196,000	850,000	-	850,000	-	850,000	$ 2,746,000
H6	WWTP Sludge Removal	2015	6 of 7	$ 1,747,000		-	1,747,000	-	TBD	-	-	$ 1,747,000
H7	Riverbend Pump Station Upgrade	2016	7 of 7	$ 300,000		-	-	300,000	-	-	-	$ 300,000
	Vehicles/Heavy Equipment					-						
H8	W/S Infrastructure Repair Equipment (travelvac/air compr)	2015	1 of 3	$ 49,126		-	49,126	-	-	-	-	$ 49,126
H9	Truck # 2	2016	2 of 3	$ 44,043		-	-	44,043	-	-	-	$ 44,043
H10	Sedan #51	2018	3 of 3	$ 21,000		-	-	-	-	21,000	-	$ 21,000
	TOTAL - SEWER FUND				50,000	$ 6,538,000	$ 43,358,626	$ 520,043	$ 986,000	$ 262,000	$ 1,096,000	$ 52,760,669

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General Fund - Existing and Proposed Debt Service, 2014-2019

GENERAL FUND (Existing Debt Service)														
Description	**Authorized**	**1st Pmt**	**Years**	**Interest Rate**	**Funding Source**	**Purpose**	**Original Amt**	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**
Jady Hill Area Phase II (Drains Only)	2012	2013	7	3.19%			193,800	40,289	35,038	33,837	27,938	27,188	26,688	25,688
Conservation Land Purchase	2003	2005	10	3.90%	Borrowing	General	3,000,000	335,100	323,400	311,700	PAID			
Norris Brook Culverts	2011	2013	7	3.19%	Borrowing	General	411,250	74,921	70,913	68,513	66,713	64,913	58,713	56,513
Great Dam Design/Engineering	2008	2012	10	2.29%			377,000	44,874	43,830	42,438	41,742	40,350	39,306	37,914
Replace 1994 Fire Ladder Truck	TBD	2013	10	3.00%			824,097	131,973	123,912	120,840	117,768	114,696	111,623	108,551
Water Tank/Distribution Systems/Epping Road	2006	2009	20	3.97%			2,200,000	186,000	182,678	179,356	175,759	172,162	162,740	158,519
Storm Sewer Separation Project - Train	2001	2002	15	4.00%	Borrowing	General	881,000	67,857	65,430	62,944	60,401	PAID		
Total General Fund Existing							**7,887,147**	**881,013**	**845,200**	**819,627**	**490,320**	**419,308**	**399,069**	**387,184**
							Tax Rate Impact - Existing Debt	0.56	0.54	0.52	0.31	0.27	0.25	0.25
							$300K Home Impact	167.61	160.79	155.93	93.28	79.77	75.92	73.66

GENERAL FUND (CIP Proposed Debt Service)														
Description	**Authorized**	**1st Pmt**	**Years**	**Interest Rate**	**Funding Source**	**Purpose**	**Original Amt**	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**
Continental Drive Fire Station/Substation	TBD	2015	15	3.19%			2,500,000			246,417	241,100	235,783	230,467	225,150
Linden Street & Court Street Culverts Construction	TBD	TBD	10	3.00%			1,330,000			172,900	168,910	164,920	160,930	156,940
String Bridge Reconstruction - (a)	2008	2015	3	3.19%			1,130,000			82,543	80,140	77,736	PAID	
Great Dam Modifications	TBD	2015	10	3.19%			1,373,500			181,165	176,783	172,402	168,020	163,639
Portsmouth Avenue Road & Drainage Improvements (b)	TBD	2017	15	3.19%	Borrowing	General	2,670,000				-	263,173	257,495	251,817
Lincoln Street Road & Utility Improvements (c)	TBD	2016	10	3.19%			1,050,000	-	-	-	138,495	135,146	131,796	128,447
Total General Fund Proposed							**10,053,500**	**-**	**-**	**683,025**	**805,428**	**1,049,160**	**948,708**	**925,993**
				Existing				**881,013**	**845,200**	**819,627**	**490,320**	**419,308**	**399,069**	**387,184**
				Proposed Debt				**-**	**-**	**683,025**	**805,428**	**1,049,160**	**948,708**	**925,993**
				Total Debt Service Budget				**881,013**	**845,200**	**1,502,652**	**1,295,748**	**1,468,468**	**1,347,777**	**1,313,176**
(a) Project is reimbursed at 80% of cost, so only difference is issued in debt $226,000)								-	-	0.43	0.51	0.67	0.60	0.59
(b) Road/sidewalk/signalization/ drainage design/construction only				Dollar cost (300K home)					-	129.94	153.23	199.60	180.49	176.17
(c) Road/sidewalk design/construction only														
				Total Debt Service Cost (Projected) $300K home					160.79	285.87	246.51	279.37	256.41	249.82

SCBA Fire Equipment (Lease Purchase)	2011	2011	5	2.49%	Borrowing	General	243,003	47,477	47,449	47,420	PAID	-

Water Fund - Existing and Proposed Debt Service, 2014-2019

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WATER FUND (Existing Debt Service)												
Description	**Authorized**	**1st Pmt**	**Years**	**Interest Rate**	**Original Amt**	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**
Water Meter Replacement (a)	2012	2015	5	0.97%	600,000			125,820	124,656	123,492	121,164	121,164
WTP Wastestream Reduction (a)	2012	2014	5	0.97%	284,625		59,686	59,134	58,582	58,029	57,477	**PAID**
Portsmouth Avenue Water Line Replacement	2013	2014	10	2.54%	180,000		25,248	23,678	22,858	21,958	21,058	20,158
Groundwater Facility Design/Construction (a)	2012	2015	20	2.86%	5,080,000			399,491	392,217	384,942	377,668	370,230
Water Tank/Distribution Systems/Epping Road	2006	2009	20	2.49%	3,900,000	270,746	270,746	270,746	270,746	270,746	270,746	270,746
Water Line Replacement	2010	2012	10	2.29%	1,600,000	198,194	193,583	187,435	184,361	178,213	173,602	167,454
Total Sewer Fund Existing					**11,644,625**	**468,940**	**549,263**	**1,066,304**	**1,053,420**	**1,037,381**	**1,021,716**	**949,753**
						332	80,323					

WATER FUND (CIP Proposed Debt Service)												
Description	**Proposed**	**1st Pmt**	**Years**	**Interest Rate**	**Original Amt**	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**
Fuller Lane Tank Rehabilitation	2014	2015	10	1.79%	525,000	-	-	61,898	60,958	60,018	59,078	58,139
Lincoln/Winter Street Water Line Replacement	2014	2015	10	3.00%	1,400,000	-	-	182,000	177,800	173,600	169,400	165,200
Total Sewer Fund Proposed					**1,925,000**	**-**	**-**	**243,898**	**238,758**	**233,618**	**228,478**	**223,339**
				Existing		**468,940**	**549,263**	**1,066,304**	**1,053,420**	**1,037,381**	**1,021,716**	**949,753**
				Proposed Debt		**-**	**-**	**243,898**	**238,758**	**233,618**	**228,478**	**223,339**
				Total Debt Service Budget		**468,940**	**549,263**	**1,310,202**	**1,292,178**	**1,270,999**	**1,250,194**	**1,173,091**

(a) Identified costs take into account 20% forgiveness by NHDES on each project

All interest based on current SRF (State Revolving Fund loan rates for indicated period)
Water Rate Impact of Proposed Debt- See Below

Rate increases of 10% equal approximately $200,000 in new revenue based on current consumption assumptions
An average user of 12,000 gallons of water per quarter would see their quarterly bill increase $6.84 or $27.36 annually with a 10% rate increase
A 20% rate increase to the average user equals $13 per quarter or $54 per year (approx.)

Sewer Fund - Existing and Proposed Debt Service, 2014-2019

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SEWER FUND (Existing Debt Service)												
Description	**Authorized**	**1st Pmt**	**Years**	**Interest Rate**	**Original Amt**	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**
Storm Sewer Separation Project	2001	2002	15	4.00%	404,000	31,933	30,790	29,621	28,424	PAID		
Outfall	2003	2003	20	3.98%	432,499	30,223	29,363	28,503	27,644	26,784	25,924	25,064
Langdon Avenue Sewer Pump St. Replacement	2007	2010	7	1.79%	375,398	58,017	57,048	56,078	55,109	PAID		
Replace Vactor Truck	2013	2013	5	1.59%	385,371	39,882	78,855	77,666	76,484	75,286	37,197	PAID
Water Street Interceptor Project	2009	2013	5	0.97%	350,000	73,395	72,716	72,037	71,358	70,679	PAID	
WWTF Plan	2012	2013	7	3.19%	362,900	70,029	64,575	57,375	55,875	54,375	53,375	51,375
Jady Hill Area Improvements Phase II (a)	2012	2013	20	3.19%	2,577,000	227,948	215,525	210,325	206,425	202,525	199,925	194,725
Portsmouth Avenue Sewer Improvements (b)	2013	2014	10	2.54%	940,000		131,852	123,652	119,372	114,672	109,972	105272
Sewer Line Replacement/Rehabilitation	2010	2012	10	2.29%	1,050,000	130,883	127,838	123,778	121,748	117,688	114,643	110,583
Total Sewer Fund Existing					**6,877,167**	**662,310**	**808,562**	**779,035**	**762,439**	**662,009**	**541,035**	**487,019**
						408,529	146,252	(29,527)	(16,596)	(100,430)	(120,974)	(54,016)

SEWER FUND (CIP Proposed Debt Service)												
Description	**Authorized**	**1st Pmt**	**Years**	**Interest Rate**	**Original Amt**	**FY13**	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**
Riverbend Pump Station Improvements	n/a	2015	10	1.79%	300,000			35,370	34,833	34,296	33,759	33,222
Sewer Line Rehabilitation	n/a	2015	10	2.50%	850,000			106,250	104,125	102,000	99,875	97,750
New Wastewater Facility	n/a	2015	20	3.50%	6,000,000			510,000	499,500	489,000	478,500	460,000
Lincoln Street Sewer Improvements	n/a	2015	5	0.89%	196,000	-	-	40,944	40,596	40,247	39,898	39,549
Total Sewer Fund Proposed					**7,346,000**	**-**	**-**	**692,564**	**679,054**	**665,543**	**652,032**	**630,521**
				Existing		**662,310**	**808,562**	**779,035**	**762,439**	**662,009**	**541,035**	**487,019**
				Proposed Debt		**-**	**-**	**692,564**	**679,054**	**665,543**	**652,032**	**630,521**
				Total Debt Service Budget		**662,310**	**808,562**	**1,471,599**	**1,441,493**	**1,327,552**	**1,193,067**	**1,117,540**

(a) Phase II, phase 1 is included in the Sewer Debt Service budget
(b) Part of Portsmouth Ave Road & Utility Improvements

Capital Improvement Program
Projects and Programs for 2013

Dept.	Project No.	Project Title	Project Cost	Decisions
Maint.	A1	Exterior Paint and Repair for Rec & Senior Center	$40,000	Deferred
Maint.	A2	Public Works Complex Heating Replacement	$110,957	Deferred
Fire	B1	Sub-Station Design and Construction	$2,500,000	Deferred
Eng	D1	Supplemental Pavement Management System	$500,000	Reduced to $250,000
Eng	D3	String Bridge (funding authorized in 2008)	$100,000	Deferred
Eng	D4	Linden St. & Court St. Culvert Repairs	$150,000	Approved
ConCom	F1	Raynes Farm Improvements	$30,000	Warrant Article did not pass
	Total Cost General Fund Projects		**$3,430,957**	
Water	D2	Portsmouth Ave Reconstruction - Phase 1: Water Improvements	$180,000	Approved
Sewer	D2	Portsmouth Ave Reconstruction - Phase 1: Sewer Improvements	$940,000	Approved
Sewer	H1	Waste Water Trt. Plant Facilities Plan	$50,000	
	Total Cost Sewer and Water Fund Projects		**$1,170,000**	
TOTAL COST OF ALL 2013 PROJECTS			**$4,600,957**	

The following table is included in the CIP to provide information on the past year's CIP. At a glance, the reviewer can see last year's department requests, the cost, and how it was handled.

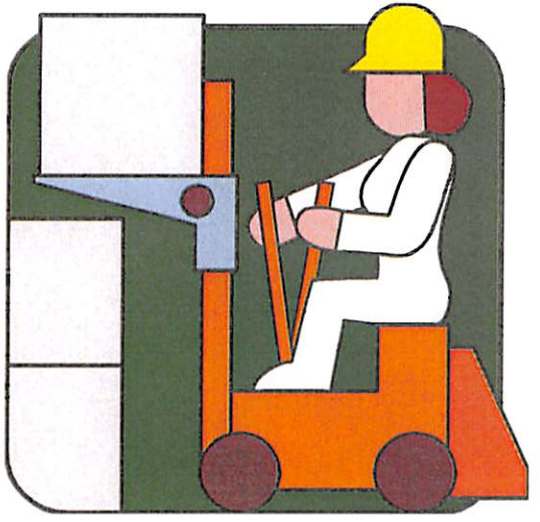
Capital Improvement Program
Vehicle and Equipment Replacement for 2013

Dept.	Project No.	Project Title	Project Cost	Decisions
Fire	B3	Ladder 1 Replacement	$880,250	Approved
Fire	B4	Chief's Car Replacement	$17,875	Approved
Fire	B5	Utility 1 (Pick-up) - Replacement	$29,585	Deferred
Maint.	A6	Maintenance Electrician Van #6	$22,600	Moved to Operating Budget
Highway	D8	6 Wheel Dump Truck (#31)	$132,109	Moved to Operating Budget
Highway	D9	Replace Car #1 w Jeep Liberty 4x4	$17,875	Moved to Operating Budget
Highway	D10	Replace Car #54 w Jeep Liberty 4x4	$17,875	Moved to Operating Budget
Parks/ Rec	E1	Chevy 1 Ton Replacement	$25,500	Moved to Operating Budget
Total Cost of General Fund Vehicles			**$1,143,669**	
Sewer	H7	Box Truck Replacement (#19)	$43,063	Moved to Operating Budget
Sewer	H8	Vacuum Truck Replacement (#67)	$393,129	Approved
Cost of Water/Sewer Vehicles			**$436,192**	
TOTAL COST OF ALL 2013 Vehicles			**$1,579,861**	

The following table is included in the CIP to provide information on the past year's CIP. At a glance, the reviewer can see last year's department requests, the cost, and how it was handled.

Exeter's Capital Improvement Program

Worksheets



Town of Exeter
Capital Improvement Program - Summary of Projects by Year

	Project / Equipment Description	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
M	General Government Town Manager											
M1	Town Wide Facilities Plan	2014		$ 50,000		50,000	-	-	-	-	-	50,000
M2	Exeter Train Station Welcome Center	2014		TBD		TBD	-	-	-	-	-	-
CC	Conservation Commission											
CC1	Elliot Property Acquisition	2014		$ 26,590		26,590	-	-	-	-	-	26,590
	TOTAL -				-	76,590	-	-	-	-	-	76,590

Town of Exeter, New Hampshire
2014- 2019 CIP Project Request

Date Submitted: July 24 2013
Year Funding is Requested: 2014

Department:	Selectmen/Town Manager
Project Title:	Town Wide Facilities Plan
Contact:	Russell Dean
Phone:	778-0591
e-Mail:	rdean@exeternh.gov
Priority (1 of 8, etc.):	1 of 1
Estimated Total Cost:	$ 50,000
Estimated Useful Life (Years):	n/a
Previously Presented? (Yes/No)	No
When (Please give year):	
Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☐ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☐ Reduces Liability
- ☐ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description: This project would engaging a consulting firm specializing in municipal facilities planning to conduct a review of current town facilities and uses, and make a detailed evaluation of all the Town's capital facilities. The study would involve an assessment of the programmatic needs of various departments, and identification of space requirements. The goal of the study would be to create a Town-wide facilities master plan tool to be used into the future.

2. Rationale:
The Town has many buildings that are either aging and/or in need of assessment both short and long term. The Library Trustees have begun discussing a possible renovation for the Library built in 1987. The Fire Department has put together a plan for a new 2.5 million dollar substation on Town owned land on Epping Road. Even with this initiative, the current building located downtown housing both Fire and Police functions was constructed in 1979 and is approaching 35 years old. Other buildings that are aging include the Senior Center and Parks/Recreation Building. This study will look at various building uses and make long term recommendations for the Town about an approach to future facility use and plans. It will also include recommended phasing. The local school district will also be invited to participate as those buildings belong to local taxpayers.

Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction							-
Equipment Cost							-
Other Cost	50,000	-	-	-	-	-	50,000
Totals	50,000	-	-	-	-	-	50,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

M1

Town of Exeter, New Hampshire
2014- 2019 CIP Project Request

Date Submitted: July 26, 2013
Year Funding is Requested: 2014

Department:	Town Manager
Project Title:	Exeter Train Station Welcome Center
Contact:	Russ Dean
Phone:	778 - 0591 ext. 102
e-Mail:	rdean@exeternh.gov
Priority (1 of 8, etc.):	
Estimated Total Cost:	TBD
Estimated Useful Life (Years):	100
Previously Presented? (Yes/No)	y
When (Please give year):	2010
Growth Related? (Yes/No):	y

Request Results from ("√" all that apply)

- ☐ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☐ Health or Safety
- ☐ Expand Public Demand
- ☐ Reduces Liability
- ☐ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description: In 2009, Exeter was awarded a NHDOT Transportation Enhancement grant to assist the town in purchasing the Exeter Train Station Baggage Building, to renovate it and make it into a passenger welcome center and waiting area. Exeter's station is the most popular of all the stations in New Hampshire. With only a platform open to the elements and with no amenities, the project was very well supported.

In 2011 the town voted to support the $403,000 project with 30% match coming from Exeter and 70% coming from NHDOT's TE grant fund. The town's 30% included in-kind work as well as $71,960. Unfortunately, between 2009 and 2012, NHDOT adopted regulations that when followed added to the cost of the project significantly. For the past year, the project team has tried to work within the parameters of the grant, but it has become evident that administering the project under the NHDOT TE grant funds could double the project costs as well as the project schedule. The town has also been told that it is questionable whether or not town staff and/or town volunteers could work on the project (verses hired contractors).

As the various grant elements are considered, the train committee continues to work toward a resolution of whether or not move forward with NHDOT or to move forward as solely a town project. To help determine this, an engineering study may be funded by NHDOT to determine a more exact project budget and schedule.

Additional information is pending on the project. This worksheet is intended as a place holder to allow for some initial discussion on the project.

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	TBD						-
Land/Site Improvements	TBD						-
Construction	TBD						-
Equipment Cost	TBD						-
Other Cost	-	-	-	-	-	-	-
Totals	TBD	-	-	-	-	-	-
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

M 2

Town of Exeter, New Hampshire
2014- 2019 CIP Project Request

Date Submitted:
Year Funding is Requested:

Department:	Conservation
Project Title:	Elliot Property Acquisition
Contact:	Kristen Murphy
Phone:	(603) 773-6112
e-Mail:	kmurphy@exeternh.gov

Priority (1 of 8, etc.):	
Estimated Total Cost:	$ 26,590
Estimated Useful Life (Years):	
Previously Presented? (Yes/No)	
When (Please give year):	
Growth Related? (Yes/No):	

Request Results from ("√" all that apply)

- ☐ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☐ Fed./State Action Required
- ☐ Health or Safety
- ☐ Expand Public Demand
- ☐ Reduces Liability
- ☐ Deemed Critical by Department

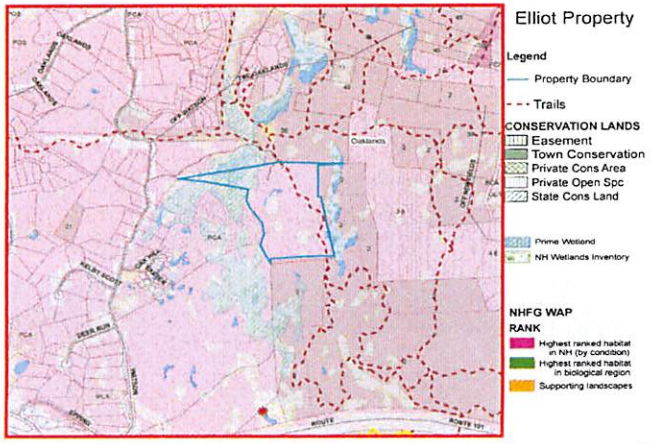
PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☑ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description: The Exeter Conservation Commission is seeking funds to assist with the purchase of the 34+/- acre Elliot property. Total acquisition cost for the property would be $135,000. The Conservation Commission is looking to provide matching funds up to $85,000. The remainder would be sought through grant funds and if successful could reduce the total amount of match required. To meet the $85,000 match the Commission is anticipating using a portion of the Conservation Fund ($25,000), and the funds remaining from the 2003 Warrant Article ($33,510). Therefore, the Commission is seeking an amount not to exceed $26,590 through the CIP process. The total amount required may be less in the event that we are successful in obtaining enough grant funds to cover a larger portion of the total project cost.

2. Rationale:
This property is located North of NH 101, east of Watson Road, and west of the Oaklands Town Forest and is also known in town as the site of the former Cronin Pig Farm. Currently the property is surrounded by existing conservation lands or private open space. A 30-foot right-of-way was deeded to the current owners druing the construction of the Stonwall Way development. Surveys associated with the Forest Ridge development indicated that the prime wetland associated with this parcel provides suitable habitat for numerous species of concern including spotted and Blandings turtles and in addition this parcel was ranked highest in the state for habitat by NH Fish and Game Department. Currently the main loop of the Oaklands mountain bike/hiking trail traverses the property.

To date the landowner and Southeast Land Trust has been awarded $54,000 - 60,000 in grant funds from the Wetlands Reserve Program through NRCS. In addition, we anticipate applying for funds through the Land Community Heritage Investment Program (LCHIP), and the Recreational Trails Program funds through the Trails Bureau.



Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction							-
Equipment Cost							-
Other Cost	26,590	-	-	-	-	-	26,590
Totals	26,590	-	-	-	-	-	26,590
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

CC1

EXETER FIRE DEPARTMENT

Exeter and surrounding mutual aid communities work at the Exeter Town Hall – April 2013

2014 - 2019

Capital Improvement Projects

Includes:
Emergency Management
& Health Department

Town of Exeter - Fire Dept
Capital Improvement Program - Summary of Projects by Year

	Project / Equipment Description	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
F.	**Fire Dept. Buildings & Infrastructure**											
F1	Fire Sub-Station Construction	2014	1 of 2	$ 2,500,000		2,500,000	-	-	-	-	-	2,500,000
F2	Communications Improvements	2014	2 of 2	$ 344,963		344,963	-	-	-	-	-	344,963
	Fire Department Vehicles											
F3	Utility 1 Replacement (Pick-up)	2014	MV-1	$ 42,483		42,483	-	-	-	-	-	42,483
F4	Fire Alarm Bucket Truck Replacement	2014	MV-2	$ 90,000		90,000	-	-	-	-	-	90,000
F5	Engine 4 Replacement	2017	MV-3	$ 492,107		-	-		492,107			492,107
F6	Command Car 2 Replacement	2018	MV-4	$ 32,853		-	-	-	-	32,853	-	32,853
	TOTAL - GENERAL FUND				-	2,977,446	-	-	492,107	32,853	-	3,502,406
FA	**Ambulace Revolving Fund**											
FA1	Ambulance 1 Replacement	2015	MV-5	$ 196,610		-	196,610	-	-	-	-	196,610
FA2	Ambulance 2 Replacement	2018	MV-6	$ 206,807		-	-			206,807		206,807
	TOTAL - AMBULANCE REVOLVING FUND				-	-	196,610	-	-	206,807	-	403,417

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Fire
Project Title:	Sub-Station Construction
Contact:	Brian Comeau
Phone:	773-6127
e-Mail:	bcomeau@town.exeter.nh.us
Priority (1 of 8, etc.):	1 of 4
Estimated Total Cost:	$ 2,500,000
Estimated Useful Life (Years):	25-50
Previously Presented? (Yes/No)	Yes
When (Please give year):	2011
Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☐ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

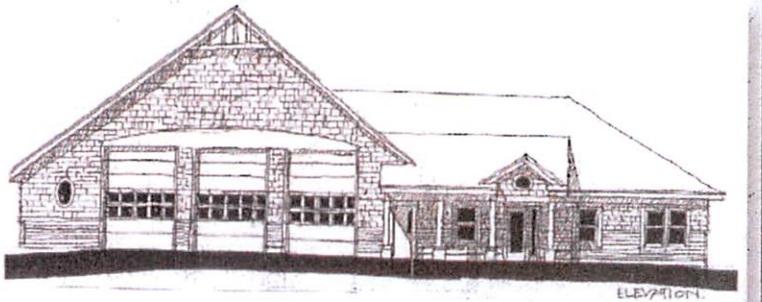
Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? Construct a sub-station for the Town of Exeter, Fire Department on the property purchased on Continental Drive to improve service and response time to the residents of the north and northwest sections of Exeter. This includes areas north of Rt. 101 and developments on Watson and Beech Hill Roads, as well as the new Exeter High School.

2. Rationale? The development of Exeter's second fire station has been on the department's major projects list for over 20 years. In 2001, Fire Scope Inc. conducted a study to look at possible station locations, and again in 2007 MMA Consulting Group Inc. was contracted to look at the effect on response times and the effective delivery of services both fire & EMS. During this study it was noted the Epping Rd. area is the most desirable location for the sub-station. The current location of the central fire station covers 52% of the town in the NFPA recommended standard of 4 minutes. The addition of a sub-station on Continental Dr. will improve this coverage to nearly 80% in 4 minutes. The initial proposed size for the sub-station is 14,000 sq. ft, with an estimated construction cost of $175 per sq. ft., this equates to an estimate of $2.45 million. With additional costs of bldg. design, site preparation and permitting, we are asking $2.5 million.

3. Operating Budget Impact? The MMA Consulting Group, Study in 2007 indicated that the addition of a firefighter per shift would be required to properly staff both the existing downtown station and the Epping Road sub-station. The addition of 1 FF/ Paramedic in each of the next 4 years will increase the operating budget approximately $83,000 each year.

SAFER Grants (Staffing For Adequate Fire & Emergency Response) are available to help communities pay salaries and benefits of firefighters to better protect the community. The new fire station would be eligible for SAFER funds if the town wishes to apply for the funds. The SAFER program commits funds for 3 years for the additional firefighters at no cost to the taxpayers



CONCEPTUAL PLAN · FIRE SUB STATION
EXETER NH

Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction	2,500,000						2,500,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	2,500,000	-	-	-	-	-	2,500,000
Operating Budget Impact:							
Salaries/Wages	45,744	50,820	47,125	51,836			195,525
Fringe Benefits	32,852	34,395	33,838	35,270			136,355
Contracted Services							-
Expenses							-
Other Cost		-	-	-	-	-	-
Totals	78,596	85,215	80,963	87,106	-	-	331,880

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

F1

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Fire
Project Title:	Communications Improvements
Contact:	Brian Comeau
Phone:	773-6127
e-Mail:	bcomeau@town.exeter.nh.us
Priority (1 of 8, etc.):	2 of 4
Estimated Total Cost:	$ 344,963
Estimated Useful Life (Years):	25-50
Previously Presented? (Yes/No)	Yes
When (Please give year):	2011
Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☐ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

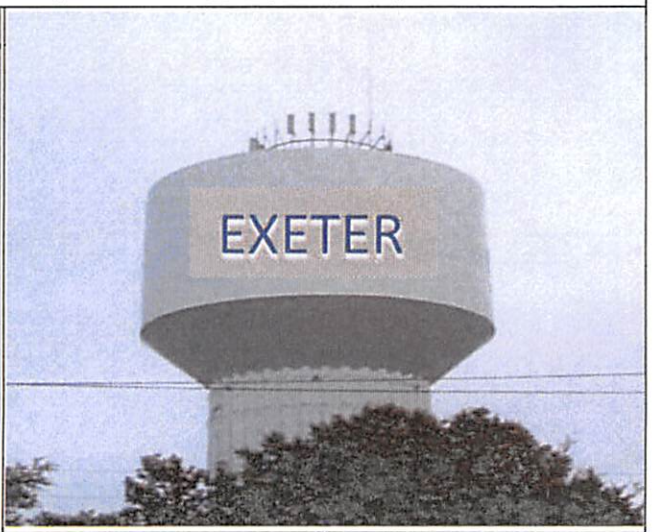
Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? This is a joint project between the Fire & Police Departments to improve emergency radio communications throughout the town. Antennas installed on the new Epping Road water tower, Fuller Lane tower, Cross Road tower, Exeter High School and the existing Public Safety Complex will improve emergency communications throughout the Town of Exeter, by creating a network of transmission/receiving sites

2. Rationale? Currently communications in the outer corners of the town are spotty at best. Units responding to Hampton Road and the areas north of Rt. 101, including Epping Road and the new Exeter High School have difficulty communicating back to dispatch.

The Police Department has attempted to temporarily correct the lack of communication with a remote transmission site at the High School. This site must be manually activated by the dispatcher when a unit is calling near the high school. The site must then be manually shut off when communications with other units in town becomes necessary. We do not feel that is a safe operational policy. If 2 units call for assistance at the same time, or if the remote site is not turned off, units calling for assistance may not be heard.

3. Operating Budget Impact? ***General fund or lease purchase***



Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction	158,712						158,712
Equipment Cost	160,941						160,941
Other Cost - Fiber Optic Cable	25,310	-	-	-	-	-	25,310
Totals	344,963	-	-	-	-	-	344,963
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment) Seeking Possible Grant Funding

F2.

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Fire
Project Title:	Utility 1 (Pick-up) - Replacement
Contact:	Brian Comeau
Phone:	773-6127
e-Mail:	bcomeau@town.exeter.nh.us
Priority (1 of 8, etc.):	3 of 4
Estimated Total Cost:	$ 42,483
Estimated Useful Life (Years):	10
Previously Presented? (Yes/No)	No
When (Please give year):	
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☐ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☐ Improved Efficiency/Procedures
- ☐ Other-Explain
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? Replace a 2001 Ford Crew Cab Pick-up with new. This vehicle is currently serves as a response vehicle as well as a utility vehicle. The vehicle is used to transport emergency response trailers, such as the Hazardous Materials trailer, Special Rescue trailer, and trailers used by the Exeter All-Hazards Health Region as well as personnel to and from emergency scenes and training evolutions. The vehicle also is necessary to pick-up equipment used at emergency scenes and return it to the station to be placed back in service.

2. Rationale? The 12 year old vehicle has over 105,000 miles and is becoming more difficult to predict service & maintenance needs. With any older vehicle unexpected costs in addition to routine maintenance always has the potential to be higher than budgeted in the operating portion of the budget.

3. Operating Budget Impact? A new vehicle would likely reduce the operating budget as new vehicle warranties and reduced maintenance costs would be realized. Improvements in vehicle engines, have increased fuel mileage and reduced fuel consumption, as compared with existing older vehicles. We are currently looking into a lease/purchase as well as a standard purchasing options, in an effort to create a more level budget.

Item to be Replaced:		**Use of Requested Item:**	
Make/ Model	Ford F350	Useful Life in Years	10
Year	2001	Mileage	105,672
FY 12 Maintenance Cost	5,730.89	Engine Hours	
FY 13 Maintenance Cost	366.87	Weeks per year	52
Life-to-Date Maintenance Cost	15,633.89		

Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Vehicle Costs	39,983						39,983
Equipment Cost	5,500						5,500
Other Cost							-
Trade Value (show as negative)	(3,000)	-	-	-	-	-	(3,000)
Totals	42,483	-	-	-	-	-	42,483
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

F3

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Fire
Project Title:	Fire Alarm Bucket Truck - Replacement
Contact:	Brian Comeau
Phone:	773-6127
e-Mail:	bcomeau@town.exeter.nh.us
Priority (1 of 8, etc.):	4 of 4
Estimated Total Cost:	$ 90,000
Estimated Useful Life (Years):	20
Previously Presented? (Yes/No)	No
When (Please give year):	
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☐ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☑ Improved Efficiency/Procedures
- ☐ Other-Explain
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? Replace 1993 International Bucket Truck with a new Ford F-550 and 45' lift.

2. Rationale? This vehicle is in service today and is starting to show signs for rust and age. The lift has begun to require additional maintenance to keep certified. As the town continues to grow the fire alarm system will continue to keep up with growth, thus requiring additional hours on the vehicle and increased service & maintenance costs. This vehicle is shared with the Public Works Dept. for street light service and bulb replacement and when an elevated platform is necessary.

3. Operating Budget Impact? A new vehicle would likely reduce the operating budget as new vehicle warranties and reduced maintenance costs would be realized. Improvements in vehicle engines and emissions have reduced fuel consumption and lessoned the carbon output as compared with existing older vehicles. We are currently looking into a 5 year lease/purchase as well as a standard purchasing options, in an effort to create a more level budget.

Item to be Replaced:

Make/ Model	International
Year	1993
FY 12 Maintenance Cost	3,974.41
FY 13 Maintenance Cost	6,152.80
Life-to-Date Maintenance Cost	35,376.80

Use of Requested Item:

Useful Life in Years	20
Mileage	220,385*
Engine Hours	4,007.0
Weeks per year	N/A

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Vehicle Costs	29,450						29,450
Equipment Cost	65,550						65,550
Other Cost							-
Trade Value (show as negative)	(5,000)		-	-	-	-	(5,000)
Totals	90,000	-	-	-	-	-	90,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

F4

EXETER PUBLIC WORKS DEPARTMENT

2014 - 2019
Capital Improvement Project Worksheets

Includes: Maintenance, Engineering, Highway, Water, and Sewer

Town of Exeter
Capital Improvement Program - Summary of Projects by Year

	Project / Equipment Description	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
A.	**Town-Owned Property/Building-Maintenance Department**											
A1	Municipal Storage Facility	2014	1 of 5	$ 240,000		240,000	-	-	-	-	-	240,000
A2	Exterior Painting and Repair to Parks & Rec. Builiding	2014	2 of 5	$ 40,000		40,000	-	-	-	-	-	40,000
A3	Replacement of Public Safety Complex Heating Boilers	2014	3 of 5	$ 111,000		111,000	-	-	-	-	-	111,000
A4	Riverwalk Replacement Grant Supplement	2015	4 of 5	$ 40,000		-	40,000	-	-	-	-	40,000
A5	Swazey Parkway Revetment Repair	2015	5 of 5	$ 25,000		-	25,000	-	-	-	-	25,000
	Maintenance Vehicles											
A6	Plumbing/HVAC Van (#12)	2014	MV-1	$ 22,985		22,985	-	-	-	-	-	22,985
A7	Maintenance Carpenter Pick-Up (#4)	2015	MV-2	$ 18,227		-	18,227	-	-	-	-	18,227
A8	Sedan #7	2015	MV-3	$ 21,000		-	21,000	-	-	-	-	21,000
A9	Replace Truck #23	2016	MV-4	$ 31,560		-	-	31,560	-	-	-	31,560
	TOTAL - GENERAL FUND				-	413,985	104,227	31,560	-	-	-	549,772
D.	**Public Works Department-Engineering & Highway**											
D1	Supplemental Pavement Management Funds	annual	1 of 7	$ 250,000		250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
D2	Linden St & Court St Culvert Repairs	2014	2 of 7	$ 635,000		635,000	845,000	-	-	-	-	1,480,000
D3	Great Dam Modifications	2014	3 of 7	TBD		TBD		-	-	-	-	-
D4	String Bridge	2014	4 of 7	$ 100,000		100,000	1,136,000	-	-	-	-	1,236,000
D5	Sidewalk Program	2014	5 of 7	$ 120,000		120,000	120,000	120,000	120,000	120,000	120,000	720,000
D6	Lincoln Street Project-Phase II Street	2015	6 of 7	$ 105,000		-	105,000	945,000	-	-	-	1,050,000
D7	Portsmouth Ave Reconstruction-Phase II	2019	7 of 7	$ 3,097,000		-	-	-	-	-	3,097,000	3,097,000
	Vehicles/Heavy Equipment											
D8	Replace Six Wheel Dump Truck #30	2014	HV-1	$ 151,846		151,846	-	-	-	-	-	151,846
D9	Replace Truck #29	2014	HV-2	$ 48,813		48,813	-	-	-	-	-	48,813
D10	Rebuild Street Sweeper #48	2015	HV-3	$ 150,000		-	150,000	-	-	-	306,030	456,030
D11	Sedan #17	2017	HV-4	$ 21,000		-	-	-	21,000	-	-	21,000
	TOTAL - GENERAL FUND				-	1,305,659	2,606,000	1,315,000	391,000	370,000	3,773,030	9,760,689

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: June 28, 2013
Year Funding is Requested: 2014

Department:	Public Works - Maintenance
Project Title:	Municipal Storage Facility
Contact:	Kevin Smart
Phone:	778 - 0591 ext. 162
e-Mail:	ksmart@town.exeter.nh.us

Priority (1 of 8, etc.):	1 of 5
Estimated Total Cost:	$ 240,000
Estimated Useful Life (Years):	25+
Previously Presented? (Yes/No)	yes
When (Please give year):	2007
Growth Related? (Yes/No):	yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability

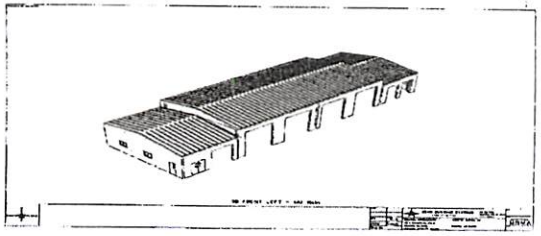
PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Constructior ☐ Equipment New/Replacement ☐ Real Property Acquisition ☑ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? The project provides a 7 bay storage building for all Town departments. The space layout consists of a single open low bay area with partitioned evidence storage for Police, 2 high bay open areas for DPW Highway, a single high bay open area for the Fire Department, a single high bay open area for the Water/Sewer Department, and 2 low bay areas for Parks & Rec. The storage building shall consist of individual bays for each department and their individual uses.

2. Rationale? The current storage area Barn at the Simpson Property on Kingston Road is used for off season equipment storage. In winter that would include the sidewalk paver, flail mower with Trackless, asphalt roller, electronic sign boards, air compressors, Rec. mowers, and various summer equipment that totals an approx. investment of $250,000+. The barn has been evaluated and is determined structurally unsafe for entrance when snow load conditions are present. The new building will be constructed on the Simpson site after the old building is raised. The pricing is based on a pre-engineered steel building selected to limit fire potential, and will include demolition of the existing barn. A site plan has been developed and is available for review. The new building is 40' X 150' orientated with the building gable end facing the roadway to limit the profile within the surrounding area. The design features stepped roofs also to limit visual impact, and a trim package that softens the commercial exterior. A site plan has been designed, and an advisory Planning Board review will be conducted. Size and configuration was determined by input from each department, and various spaces need studies.

3. Operating Budget Impact? W/S portion = $41,250; $40.00 per sq. ft

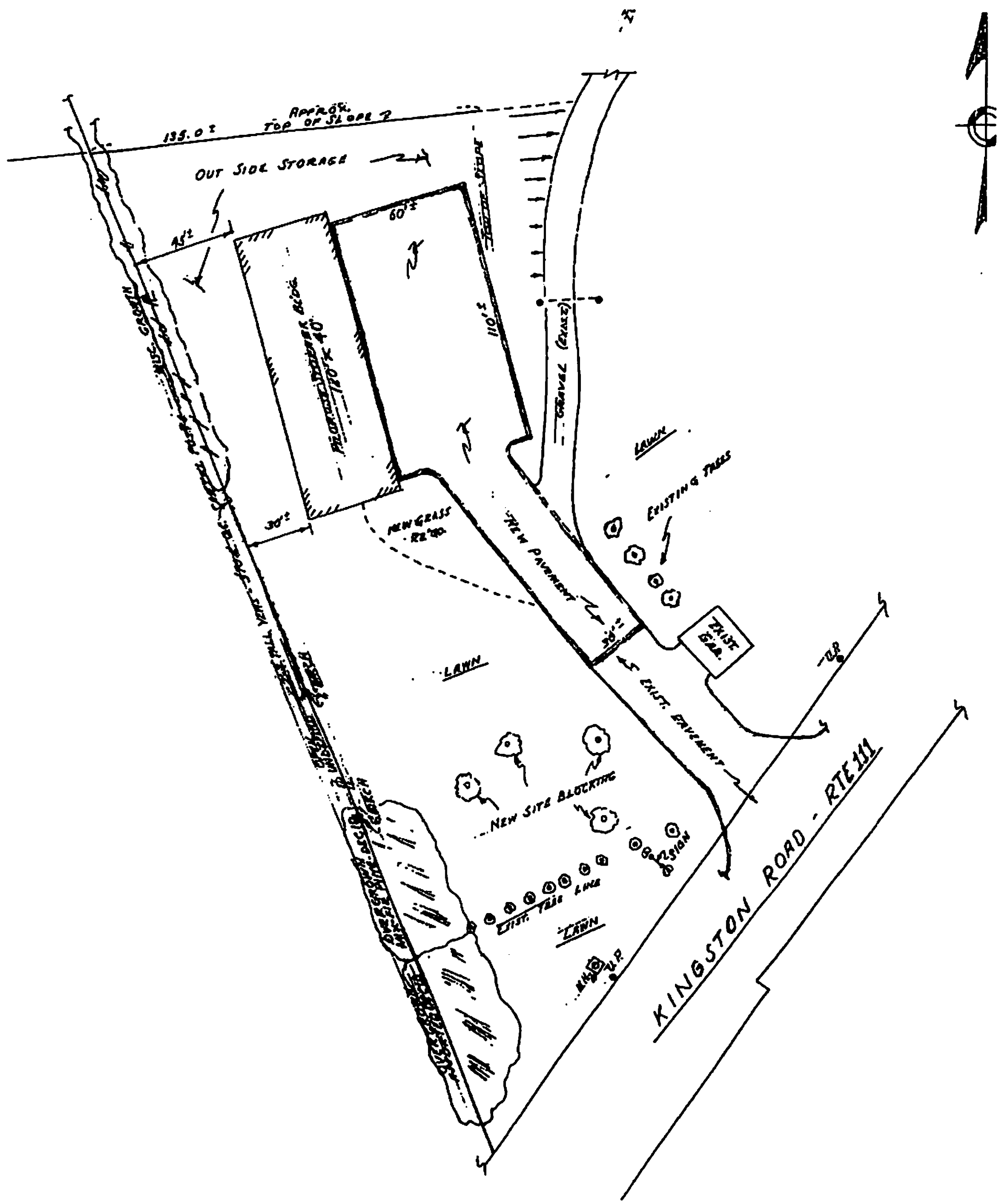


Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction	220,700						220,700
Equipment Cost							-
Other Cost	19,300	-	-	-	-	-	19,300
Totals	240,000		-	-	-	-	240,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

A1



OUT SIDE STORAGE
APPROX. TOP OF SLOPE ?
135.0'±
45'±
60'±
110'±
30'±
NEW GRASS
NEW PAVEMENT
EXIST. PAVEMENT
GRAVEL (EXIST.)
LAWN
EXISTING TREES
EXIST. GAR.
NEW SITE BLOCKING
EXIST. TREE LINE
SIGN
LAWN
U.P.
KINGSTON ROAD - RTE 111

NGC Structural, LLC

Consulting Structural Engineering
241 Tolend Road
Dover, NH 03820-5502

Phone: 603-749-4177
Fax 603-740-4177
Email: ngcstructural@comcast.net

June 20, 2005

Town of Exeter
10 Front Street
Exeter, NH 03833

Attention: Mr. Kevin Smart

Re: Town of Exeter – Simpson Barn
Structural Investigation
NGC Project No. 05-525

Dear Kevin:

In early May 2005, I met with you to view and discuss the structural condition of the Simpson Barn on Route 111. The Town is currently using this 24 foot X 120 foot wood-framed structure as a storage shed. The building is one-story with loft areas at each end. The foundation is slab-on-grade built on sand or gravel soils which is evident from the pit excavation in the rear of the building.

The wood framed construction is generally very light as would be expected in chicken coop construction of past years. The 6/12 pitch roof is framed with 2X6 roof rafters @24 inches spacing. Our calculations indicate that the roof is not capable of carrying the code required snow loading of approximately 35 psf. The roof was observed to be sagging, and we observed some support distress in the roof braces. The walls are framed with 2X3 wall studs @ 36 inches. This wall construction is deficient for gravity loads as well as wind loading. The loft framing is very irregular and deficient in strength. Load paths, in general, are not well-defined, and we observed many connection details that lack structural stability.

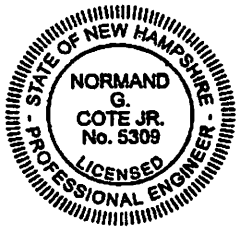
In my opinion, strengthening of this structure to bring it into code compliance is not a cost–effective option. The structural deficiencies are too pervasive; there are no substantial or properly sized structural elements worthy of reuse. Currently, the structure poses a risk to its users and its storage contents under high wind or heavy snow conditions, and it may also pose a risk to firefighters.

Please feel free to contact our office if you have any questions.

Respectfully yours,

NGC STRUCTURAL, LLC

Normand G. Cote, P.E.



Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: June 28, 2013
Year Funding is Requested: 2014

Department:	Public Works - Maintenance	**Priority (1 of 8, etc.):**	2 of 5
Project Title:	Exterior Paint and Repair Parks & Rec Building.	**Estimated Total Cost:**	$ 40,000
Contact:	Kevin Smart	**Estimated Useful Life (Years):**	TBD
Phone:	778 - 0591 ext. 162	**Previously Presented? (Yes/No)**	yes
e-Mail:	ksmart@exeternh.org	**When (Please give year):**	2007
		Growth Related? (Yes/No):	no

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☑ Reduces Liability

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? Project consists of the siding and trim repairs, surface preparation, and painting of the exterior Parks and Recreation Building located on Court Street. The building is a historic structure with ornate Greek revival architectural details. The heavily molded trim work and eves need stripping and painting to stop the spread of rot that is of particular concern. The clapboard siding requires surface preparation that will provide adequate adhesion for conformance of the paint manufacturer warranty. The siding and trim surface preparation must meet the manufacturers' specifications to gain the full extent of the product warranty. The budget amount is assessed on building and garage area, present condition, local labor rates, rental equipment, waste disposal, lead paint compliancy and material costs. A manufacturer's representative for the chosen paint products shall be available to make recommendations for the surface preparation, and application with the intent on receiving the full projected lifespan of the paint used. Coating lifespan are contingent upon the type of construction and material condition. A projection would be to "touch up" as needed every 5 years, and recoat in 10 years. Previously spray painted in yr 2003 in conjunction with other work. No trim or siding repirs at that time.

Work Breakdown **-** clean all surfaces, scrape loose material = (15-20%), repair/replace all decayed and split trim work and siding = (25-35%), apply primer and topcoat to manufacturer's recommendations = (50%).

2. Rationale? The Parks and Recreation building is of historic significance with wood clapboards, molded fluted columns, capitals, pediments, dental eves, and is one of Exeter's early schools occupied in a prominent location adjacent to the downtown area. The intent is to stop decay, repair wood trim areas, and paint the exterior with a high quality paint that will provide the longest lifespan attainable.




Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction	40,000						40,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	40,000	-	-	-	-	-	40,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

A2

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: June 28, 2013
Year Funding is Requested: 2014

Department:	Public Works - Maintenance	**Priority (1 of 8, etc.):**	3 of 5
Project Title:	Replacement of Public Safety Complex Heating Boilers	**Estimated Total Cost:**	$ 111,000
Contact:	Kevin Smart	**Estimated Useful Life (Years):**	20
Phone:	778 - 0591 ext. 162	**Previously Presented? (Yes/No)**	yes
e-Mail:	ksmart@town.exeter.nh.us	**When (Please give year):**	2011
		Growth Related? (Yes/No):	no

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Health or Safety
- ☑ Continuation of Existing Project
- ☑ Expand Public Demand
- ☐ Reflects Master Plan
- ☑ Reduces Liability

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description? Replace the 2 existing, 13 year old, heating plant boilers with modulating, 94% efficient, condensing natural gas boilers due to 10 year estimate for life span in technology and efficiencies that have improved enough to warrant replacing the boilers.

2. Rationale? The proposed project has been recommended by the NH Municipal Energy Assistance Program. The current system consists of two 100,000btu Lochinvar gas-fired boilers that were installed in 1999. These boilers have reached the point of planned obsolescence resulting in reliability issues that are a constant concern and expense. The low efficiency rating coupled with the cost of repairs has resulted in a need for replacement. Both boilers have had major failures, internal parts replaced, and are plagued with low voltage problems that damaged both boiler controls in Jan 2010 causing expensive repairs. Upgrading to 94% efficient condensing boilers will meet current efficiency standards and lower operating costs. The project will include mechanical engineering design prints and calculations at an approximate cost of $8,500, with piping modifications of approximately $6,000 for a total of $14,500 in additional costs. The Public Safety Complex is a 24hr., 7 day building that is the center of operations for storm, fire, flooding, natural disaster defense, or crime scene control. The redundancy of 2 boilers with modulating run times provide longer lifespan, and a heat/hot water source to keep the building operating if one boiler fails for any reason. The current piping configuration supports this system.

3. Operating Budget Impact? With the two existing boilers rated at 2,000,000 BTU/hr and 87% efficiency the 2009 1.52/therm yearly cost was documented at $17,008 by the MEAP Program for the audit. Two new boilers rated at 94% efficiency, and sized at 2,000,000 btu/ hr the 2012 yearly cost of $1.0320/therm would be $11,558.4 With two new 94% efficiency rated at 1,000,000 btu/Hr., the cost would be $7,781. With two new 94% efficiency rated boilers at 399,000 BTU/ hr the operating cost would be $7,231. Maintenance costs from 2009 to present are $22,801.50. These gains are based on the knowledge that the new boilers will operate more efficiently when sized to cycle for longer periods of time to reduce wear on the parts and maintenance costs.

Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction							-
Equipment Cost	96,500						96,500
Other Cost	14,500	-	-	-	-	-	14,500
Totals	111,000	-	-	-	-	-	111,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 21, 2013
Year Funding is Requested: Annual

Department:	Public Works - Highway	**Priority:**	1 of 7
Project Title:	Supplemental Pavement Management Funds	**Estimated Total Cost:**	$ 1,500,000
Contact:	Paul Vlasich	**Estimated Useful Life (Years):**	15
Phone:	773-6157 ext. 160	**Previously Presented? (Yes/No)**	Yes
e-Mail:	pvlasich@town.exeter.nh.us	**When (Please give year):**	2004
		Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

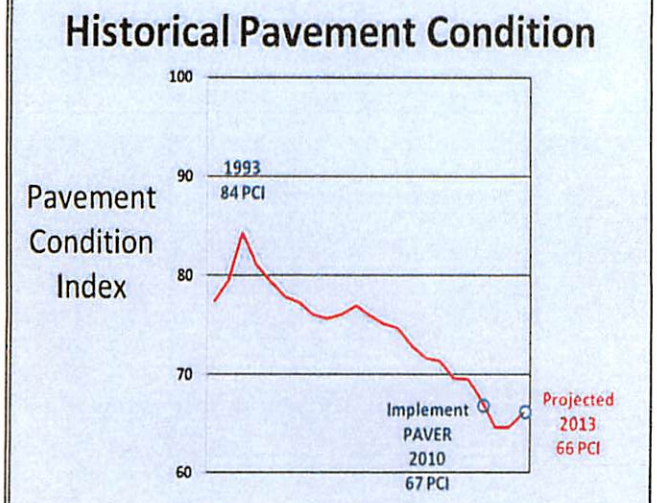
Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☑ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description: Systematic paving and rehabilitation of Town roads.

2. Rationale: Pavement represents the largest capital investment in the Highway Department. Maintaining pavements in the Town road network involves complex decisions about how and when to resurface or apply other treatments to maintain the road surface integrity and, at the same time, minimize operating costs. Simply paving the worst roads in Town is not a cost effective practice. Severely deteriorated roads need expensive rehabilitation and reconstruction methods. Paving a road that isn't yet in need of major reconstruction saves money long term. A pavement management system (PMS) strategically combines some road reconstruction with more preemptive methods to maximize the useful life the roads at a network level.

3. Operating Budget Impact? In 2010 there was an approximate backlog of road repairs to be made of $6.9 million dollars. Today the backlog is $9.8 million dollars. The purpose of a PMS is not only to preserve the good roads we have, but to minimize this back log. The longer roads are allowed to deteriorate the more expensive the backlog becomes. This program assumes a 7.0% annual increase to reflect the observed inflation rate of asphalt pavement installations.

4. Cost Estimate - In 2013 the total paving budget equated to $900,000: $650,000 in the public works budget and $250,000 in the supplemental budget. A level funded budget analysis was performed using the PMS to determine the funding level required to keep the average condition of the roadway network even for 5 years. That funding level is $1.28M per year. Roadway improvements coupled with the utility projects is lessening the required expenditures for pavements. When finished, the Jady Hill Utility project will help to reduce the backlog of repairs. With the extensive utility replacement lists, it is recommended that street repairs occur with the utility projects. This combination of paving budget, supplemental paving and utiliity work will improve the roadway system. It is anticipated that the FY14 budget will reflect the FY13 budget of $650,000. The combination of the budget and supplemental paving will equate to $900,000.



Capital Cost:	FY14	FY15	FY16	FY17	FY18	FY19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

D1

POTENTIAL STREET IMPROVEMENT LIST

2014

Name	Sec	From	To
HIGH ST	1	GREAT BRIDGE	PORTSMOUTH AVE
HIGH ST	2	PORTSMOUTH AVE	BUZZELL AVE
HIGH ST	3	BUZZELL AVE	DRINKWATER DR
HIGH ST	4	DRINKWATER RD	HAMPTON FALLS RD
PUMPKIN CIR	1	SHADY LN	END
WEBSTER AVE	1	JADY HILL AVE	END
COUNTRY LN	1	MEADOW LN	SHADY LN
SHADY LN	1	BLOSSOM LN	COUNTRY LN
MEADOW LN	1	BLOSSON LN	COUNTRY LN
WHIPPOORWILL LN	1	HIGH ST	BLOSSOM LN
STONEY WATER RD	1	CROSS RD	END
CARROLL ST	1	FRONT ST	END
CHARTER ST	1	FRONT ST	END
SANBORN ST	1	FRONT ST	MYRTLE ST
MYRTLE ST	1	CHARTER ST	CARROL ST
VINE ST	1	CHARTER ST	CARROLL ST
GLENERIN LN	1	JADY HILL AVE	CULDESAC CURL
WOODLAWN CIR	1A	PLEASANT ST	RECLAIM END
CHESTNUT ST	1	PLEASANT ST	JADY HILL AVE
PLEASANT ST	1	HIGH ST	CHESTNUT ST
JADY HILL AVE	1	CHESTNUT ST	WEBSTER AVE
JADY HILL AVE	2	CHESTNUT ST	HOLDING POND
JADY HILL CIR	1	JADY HILL AVE	GREEN HILL RD
JADY HILL CT	1	WOODLAWN CIR	JADY HILL CIR
BONNIE DR	1	HAVEN LN	GREEN HILL RD
HAVEN LN	1	END (W)	END(E)
BITTERSWEET LN	1	GREEN HILL RD	END
WOODLAWN CIR	1	PLEASANT ST	WOODLAWN AVE (#22)
HALL CT	1	HIGH ST	HALL PLACE
HALL PLACE	1	PLEASANT ST	WOODLAWN CIR
GREEN HILL RD	1	PORTSMOUTH AVE	BITTERSWEET LN
DOUGLAS WAY	1	JADY HILL AVE	END

2015

Name	Sec	From	To
EPPING RD	2	BROOKSIDE DR	CONTINENTAL DR
FRONT ST	1	WATER ST	COURT ST
FRONT ST	2	COURT ST	TAN LN
PORTSMOUTH AVE	2	WATERWORKS	TOWN LINE
WATSON RD	1	EPPING RD	PAVEMENT CHANGE
WATSON RD	3	36 WATSON RD	POWER LINE
WATER ST	1	GREAT BRIDGE	SWASEY PKWY
PORTSMOUTH AVE	1	HIGH ST	WATERWORKS
CRAWFORD AVE	1	COURT ST	GILMAN PARK

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 21, 2013
Year Funding is Requested: 2014

Department:	Public Works
Project Title:	Linden St. & Court St. Culvert Repairs
Contact:	Paul Vlasich
Phone:	778 - 0591 ext. 160
e-Mail:	pvlasich@town.exeter.nh.us
Priority (1 of 8, etc.):	2 of 7
Estimated Total Cost:	$ 1,480,000
Estimated Useful Life (Years):	75
Previously Presented? (Yes/No)	No
When (Please give year):	
Growth Related? (Yes/No):	

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

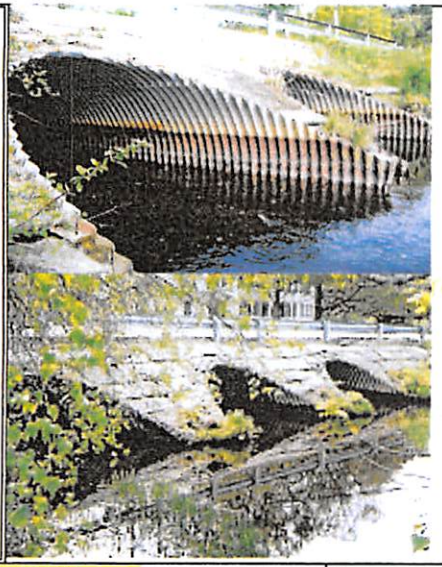
PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☑ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description?
This project will repair the large roadway culverts on Linden Street and Court Street; 1) Twin 48" metal arch culverts (1967) which carry the Little River under Linden Street and 2) Triple 51" metal arch culverts (1965) which carry Little River under Court Street. Over the years, flow through the culverts has eroded areas on the pipe floor, leaving the earth exposed. As water flows through these damaged areas soil under the culvert is experiencing significant undermining. Culvert walls are experiencing rusting and pitting with some sag in the roof. A consultant prepared an evaluation of the existing conditions, proble fixes and associated cost.

2. Rational?
All state and municipal bridges in New Hampshire are inspected by the NHDOT at regular intervals based on the bridge's ownership and condition. Bridge condition is a concern to NHDOT, municipalities and the public. When conditions reach the status of structurally deficient, functionally obsolete, or Red List, consideration must be given to rehabilitation or replacement. Linden Street over Little River is a Red List Bridge on the NHDOT 2012 Bridge Inspection Report. Red List means that these bridges require more frequent inspections due to known structural deficiencies, poor structural conditions, weight restrictions, or the type of construction (i.e. temporary bridge). The Court Street culverts are included in this project due to their age (1965) and unknown extent of deterioration.

3. Cost Estimate? from consultant evaluation with 4%increase per year beyond FY13
The design monies of $150,000 were approved for 2013.



Linden Street Twin Culverts

Court Street Triple Culverts

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	35,000	45,000					80,000
Land/Site Improvements							-
Construction	600,000	800,000					1,400,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	635,000	845,000					1,480,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

D2

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: June 28, 2013
Year Funding is Requested: 2014

Department:	Public Works - Engineering
Project Title:	Great Dam Modifications
Contact:	Paul Vlasich
Phone:	773-6157 ext. 160
e-Mail:	pvlasich@town.exeter.nh.us

Priority (1 of 8, etc.):	3 of 7
Estimated Total Cost:	TBD
Estimated Useful Life (Years):	30/70
Previously Presented? (Yes/No)	Yes
When (Please give year):	2005
Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☑ Reduces Liability

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

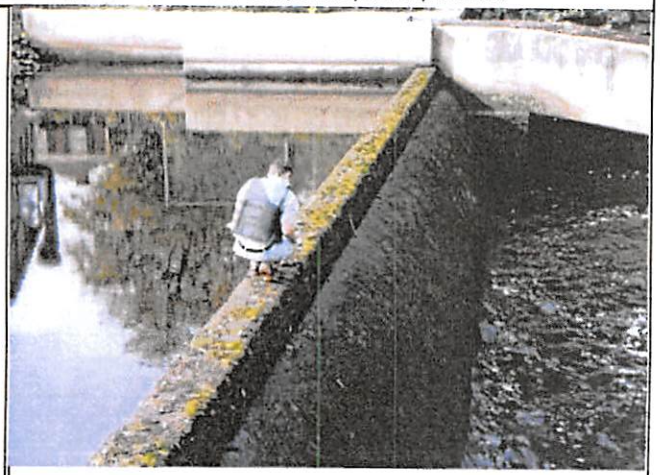
1. General Project Description? The dam does not meet dam safety requirements. A study entitled, "Great Dam Removal Feasibility and Impact Analysis" dated June 2013 outlines the possible remedies to the NHDES dam safety letter of defieciency. The report can be found on the town website: http://exeternh.gov/sites/default/files/meetingepackets/2013-06-12_feasibility_report_draft5.1_compressed.pdf

2. Rationale? The options under consideration include: 1) dam removal, 2) lowering of dam height by partial removal of the dam spillway, 3) stabilization of the dam, and 4) modification by the installation of an adjustable flashboard system.

3. Operating Budget Impact? Depending upon the option chosen the operating budget could be adjusted from zero to extra maintainace of a bladder and air-compressor system.

4. Basis of Cost - See the attached sheet for costs from the above cited study.

Caption: View of Great Dam from east shore during structural evaluation.



Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	TBD						TBD
Land/Site Improvements							-
Construction		TBD					TBD
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	TBD	TBD	-	-	-	-	TBD
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

D3

Great Dam Modifications

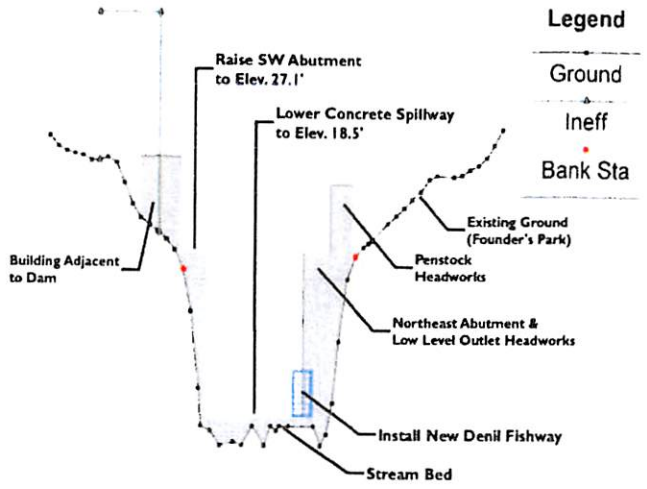
The draft final report entitled, "Great Dam Removal Feasibility and Impact Analysis" dated June 2013 outlines four options to address the NHDES Dam Safety letter of deficiency. The options are as follows:

Dam Removal

Entirely remove the dam.

Partial Dam Removal

Remove 4 vertical feet of the dam crest which lowers the impoundment by the corresponding amount and install new fishway.



Stabilize Dam In-place

Anchor the dam into the bedrock below it.

Dam Modification

Install a 4.5 ft vertical Obermeyer adjustable crest gate and low level discharge. Compressor building will be required to inflate the bladders. 30-YR life expectancy.

Associated Costs:

Initial Investment

Option	Construction	Eng/Permit/Monitor	Total
Dam Removal	$613,500	$118,650	**$732,000**
Partial Removal	$1,133,340	$205,290	**$1,339,000**
Stabilize In-place	$341,000	$77,000	**$418,000**
Dam Modification	$875,000	$141,000	**$1,016,000**

Infrastructure and Environmental Mitigation

Option	Water Intakes	Historic Study	Site Phase 1B	Arch Monitoring	Fish Pass-age Study	Water Quality	Total
Dam Removal	$1,748,000	$30,000	$15,000	$25,000	$0	$0	$1,818,000
Partial Removal	$1,748,000	$30,000	$15,000	$25,000	$150,000	$250,000	$2,218,000
Stabilize In-place	$0	$0	$15,000	$0	$0	$550,000	$565,000
Dam Modification	$0	$30,000	$15,000	$0	$150,000	$550,000	$745,000

Total Initial Investment (Construction & Mitigation)

Option	Design, Permitting & Construction	Infrastructure & Environmental Mitigation	Total
Dam Removal	$732,000	$1,818,000	$2,550,000
Partial Removal	$1,339,000	$2,219,000	$3,557,000
Stabilize In-place	$418,000	$565,000	$983,000
Dam Modification	$1,016,000	$745,000	$1,761,000

Summary of Options

	Dam Removal	Partial Removal	Stabilize In-Place	Dam Modification
30 YR Present Worth Cost Analysis	$2.6M	$3.9M	$1.2M	$2.4M
Achieve Dam Safety?	Yes	Yes	Yes	Yes
Reduce Flooding?	Moderate Benefit	Moderate Benefit	No	Moderate Benefit
Improve Fish Passage?	Major Benefit	No	No	No
Improve Water Quality?	Major Benefit	Moderate Benefit	No	No

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 21, 2013
Year Funding is Requested: 2014

Department:	Public Works - Engineering
Project Title:	String Bridge
Contact:	Jennifer Perry
Phone:	773-6157 ext. 161
e-Mail:	jperry@town.exeter.nh.us

Priority (1 of 8, etc.):	4 of 7
Estimated Total Cost:	$ 1,236,000
Estimated Useful Life (Years):	70
Previously Presented? (Yes/No)	Yes
When (Please give year):	2005
Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☑ Reduces Liability

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

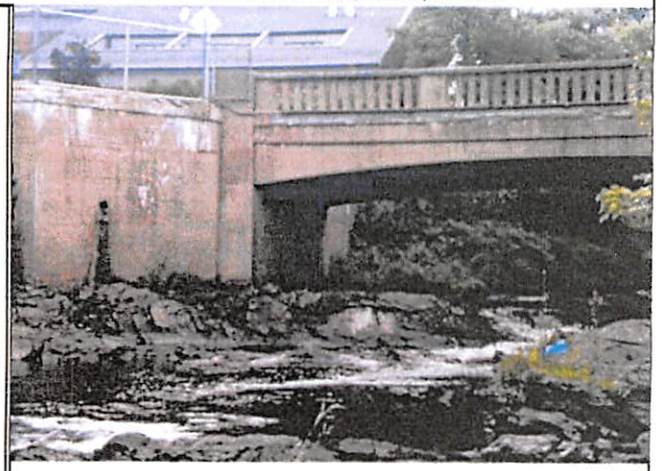
Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☑ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description?
String Bridge over the Exeter River connects the Library and Exeter Mills to downtown. String Bridge consists of two separate reinforced concrete bridges built in 1935; typical lifespan for such structures is approximately 70 years. NHDOT has provided a preliminary estimate for the study, design & rehabilitation of the bridges. Additional costs for maintenance or replacement of town-owned utilities are included below. The preliminary engineering study, to be conducted in 2014, will provide more detailed opinions of final design and construction costs. This project is eligible for 80% NHDOT grant money through the Municipally Managed Bridge program.

Note: Authorization/approval of the funding in the amount of $1.13 million was received in at Town Meeting in 2008, which allowed the project to be placed into the NHDOT bridge improvements program. Actual availability of funds is not required until time of design and construction, and may require additional authorization. NHDOT has indicated that funding is not available until federal fiscal year 2015 (which starts Oct 2014), and is shown as one of ten bridge aid projects scheduled in FY2015. The costs shown below reflect a 3% rate of inflation.

2. Rationale? Existing conditions include concrete spalling, delamination and leaking joints which require rehabilitation. Engineering study will determine extent of rehab/reconstruction.

3. Operating Budget Impact? This one-time capital project will reduce spot maintenance.



Caption: View of north side of String Bridge and adjacent wingwall; current conditions show concrete efflourescense and deterioration at rail.

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	100,000	224,000					324,000
Land/Site Improvements							-
Construction		912,000					912,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	100,000	1,136,000	-	-	-	-	1,236,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☑ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

D4

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: June 28, 2013
Year Funding is Requested: 2014

Department:	Public Works - Highway
Project Title:	Sidewalk Program
Contact:	Jay Perkins
Phone:	778 - 0591 ext. 163
e-Mail:	jperkins@town.exeter.nh.us

Priority (1 of 8, etc.):	5 of 7
Estimated Total Cost:	$ 720,000
Estimated Useful Life (Years):	20 years
Previously Presented? (Yes/No)	no
When (Please give year):	
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☐ Reflects Master Plan
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☑ Reduces Liability

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☑ Road Improvements ☐ Water/Sewer System Improvements

1. General Project Description: This project provides funding to reconstruct and repair deteriorated sidewalks.

2. Rationale: The sidewalk network in Town is about 35 miles and has had little or no funding for years. The Department had inspected the sidewalks in 2011. A sidewalk management program is being developed using this data and linked to the Town's GIS for infrastructure management.

3. Operating Budget Impact: A preliminary annual budget has been calculated for a programming approach at $120,000. This budget utilizes sidewalk unit repair costs from 2011 and estimates of service life based on the type of sidewalk. Costs include sidewalk, curbing (if needed) and driveway repairs. A percentage of sidewalks were estimated for asphalt overlay instead of complete replacement. The program will indicate priority areas based upon condition, the type of use, relationship to other capital and paving projects. These estimates will be further updated as the sidewalk management program is further developed. Project specific costs estimates will also be provided as an alternate to the programming approach. The sidewalk program results are expected in July 2013.

Capital Cost:	**FY14**	**FY15**	**FY16**	**FY17**	**FY18**	**FY19**	**Total**
Planning/Design/Engineering							-
Land/Site Improvements	120,000	120,000	120,000	120,000	120,000	120,000	720,000
Construction					-	-	-
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	120,000	120,000	120,000	120,000	120,000	120,000	720,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund
- ☐ Sewer Fund
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Revolving Fund
- ☐ Other (Grants, Special Assessment)

D 5

Town of Exeter

Capital Improvement Program - Summary of Projects by Year

	Project / Equipment Description	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
G.	**Water Department**											
G1	Hampton Road Tank Asset Management Program	2014	1 of 2	$ 102,448		102,448	102,448	102,448	102,448	102,448	30,023	$ 542,263
G2	Water Line Rehabilitation	2014	2 of 2	$ 1,400,000		1,400,000	-	1,400,000	-	1,400,000	-	$ 4,200,000
	Vehicles/Heavy Equipment											
G3	Backhoe #53	2014	1 of 6	$ 170,379		170,379	-	-	-	-	-	$ 170,379
G4	Pick Up Truck #3	2014	2 of 6	$ 17,942		17,942	-	-	-	-	-	$ 17,942
G5	Pick Up Truck #32	2015	3 of 6	$ 53,700		-	53,700	-	-	-	-	$ 53,700
G6	Sedan #13	2016	4 of 6	$ 21,000			-	21,000	-	-	-	$ 21,000
G7	Truck #11	2016	5 of 6	$ 42,129			-	42,129	-	-	-	$ 42,129
G8	Truck #33	2018	6 of 6	$ 166,653		-	-	-	-	166,653	-	$ 166,653
	TOTAL - WATER FUND				-	$ 1,690,769	$ 156,148	$ 1,565,577	$ 102,448	$ 1,669,101	$ 30,023	$ 5,214,066
H.	**Sewer Department**											
H1	New Wastewater Treatment Facilities	2014	1 of 7	$ 6,000,000		6,000,000	40,000,000			241,000	246,000	$ 46,487,000
H2	Infiltration/Inflow Abatement	2014	2 of 7	$ 212,500		212,500	712,500	176,000	136,000	TBD	TBD	$ 1,237,000
H3	WWTP Heating Replacement	2014	3 of 7	$ 69,500		69,500	-	-	-	-	-	$ 69,500
H4	Replace/Upgrade Sewer Televising Equipment	2014	4 of 7	$ 60,000		60,000	-	-	-	-	-	$ 60,000
H5	Sewer Line Rehabilitation	2014	5 of 7	$ 196,000		196,000	850,000	-	850,000	-	850,000	$ 2,746,000
H6	WWTP Sludge Removal	2015	6 of 7	$ 1,747,000		-	1,747,000	-	TBD	-	-	$ 1,747,000
H7	Riverbend Pump Station Upgrade	2016	7 of 7	$ 300,000		-	-	300,000	-	-	-	$ 300,000
	Vehicles/Heavy Equipment					-						
H8	W/S Infrastructure Repair Equipment (travelvac/air compr)	2015	1 of 3	$ 49,126		-	49,126	-	-	-	-	$ 49,126
H9	Truck # 2	2016	2 of 3	$ 44,043		-	-	44,043	-	-	-	$ 44,043
H10	Sedan #51	2018	3 of 3	$ 21,000		-	-	-	-	21,000	-	$ 21,000
	TOTAL - SEWER FUND				-	$ 6,538,000	$ 43,358,626	$ 520,043	$ 986,000	$ 262,000	$ 1,096,000	$ 52,760,669

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: July 1, 2013
Year Funding is Requested: 2014

Department:	Public Works - Water	**Priority (1 of 8, etc.):**	1 of 3
Project Title:	Hampton Road Tank Asset Management Program	**Estimated Total Cost:**	$ 542,263
Contact:	Michael Jeffers	**Estimated Useful Life (Years):**	25
Phone:	778 - 0591 ext. 165	**Previously Presented? (Yes/No)**	Yes
e-Mail:	mjeffers@town.exeter.nh.us	**When (Please give year):**	2010
		Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☐ Expand Public Demand
- ☑ Reduces Liability
- ☐ Deemed Critical by Department

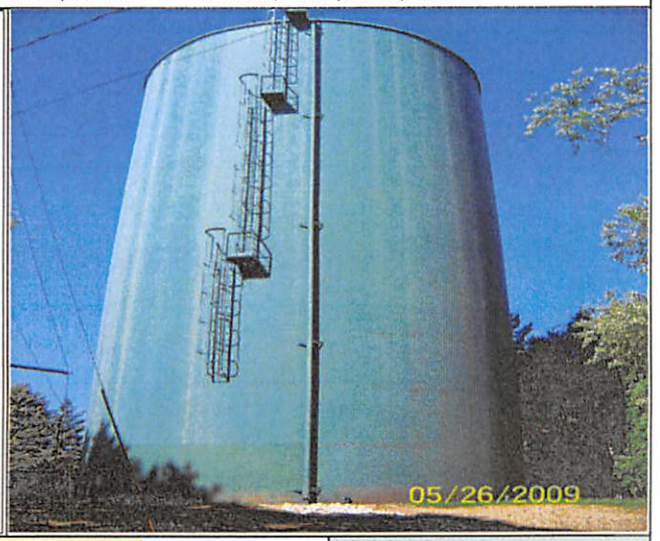
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☑ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description: This maintenance project is the rehabilitation of the existing steel one million gallon Hampton Road Water Storage Standpipe (located at Fuller Lane) by repair welding of seams and repainting the interior and exterior (last painted 18 years ago in 1995, typically lasts a maximum of 20 years). On August 25, 2012, a tank inspection company, Utility Service Co. Inc., drained and inspected the tank in detail. They reported it to be in growing need of rehabilitation because of the extensive corrosion noted generally and the large number of fatigued areas ("pits" or voids in metal caused by corrosion) that were found on the interior walls and floor as well as the exterior. In addition, the water tower roof surface coating is also getting thin and needs to be resurfaced. There were 50-100 floor panel pits and 160 linear feet of welded floor seams (the point of greatest stress) requiring rewelding and/or possibly entirely new sidewalls. Rehabilitation at a minimum involves media blasting to remove old paint, welding larger pits, filling in the smaller pits with epoxy material and rewelding of critical original welded joints. Priming and painting is the last step. Instead of a one-time rehabilitation approach and hope the repairs last for the next 15-20 years, USCI provides a preventative maintenance schedule to keep overall repair costs down, reduces emergency repairs, and keeps the asset in good working condition indefinitely. Utility Services provides a comprehensive Asset Management Program for the water storage tanks. The tank will be brought up to best standard of service and maintained indefinitely to include annual inspections, all maintenance & repairs, engineering services, emergency services, and all future tank renovations (interior & exterior). The tank's steel will be properly protected and the asset life extended. All risk and liability for tank maintenance and management will fall on USCI indefinitely while under contract, offering lifetime warranty on workmanship and coatings.

2. Rationale? Costs increase the longer the project is deferred and too long the structural integrity is further threatened. Four quotes were received in 2008 for the rehabilitation project; lump sum request of $525,000 for repairs comes with a 1 yr warranty, rather than indefinitely through USCI for $812,470 over the next 15 years (average cost $54,165/yr)

3. Operating Budget Impact? Increase the budget



Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction							-
Equipment Cost							-
Other Cost	102,448	102,448	102,448	102,448	102,448	30,023	542,263
Totals	102,448	102,448	102,448	102,448	102,448	30,023	542,263
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☑ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

G1

USCI's Tank Asset Management Program Benefits

Economic Benefits

- Renovation costs spread INTEREST FREE
- Easy Fixed-Flat tank O&M budgeting
- A planned budget focused on activities critical to sustained performance
- No future extraordinary costs ever again
- Cost savings for both operations and capital expenditures long term
- Capital Asset RETAINs value (GASB34)
- Sound operational and financial planning

Tank Asset Benefits

- Provides plan for rehabilitation and repair
- Improves security and safety at the tank
- All Future Renovations are covered:
  - Exterior Renovation every 8-12 years
  - Interior Renovation every 10-15 years
- Annual assessment of coatings and structure
- LIFETIME WARRANTY on paint coatings
- Protects the steel & prolongs tank asset life
- Tank always in best condition & looking good

System Operational Benefits

- Efficient, focused & perpetual hassle free tank maintenance
- Single source provider with a professional tank company since 1963
- Emergency Response Service (24 hours)
- Help meet consumer demands with sustainable tank and water quality management
- No more allocating resources to maintain, fix or inspect the tank

Water Quality Benefits

- Chemical BIOFILM washout every 4 years with detailed inspection reports
- Cleaner & secure conditions for water storage
- Sanitary assessment annually
- Active Mixing
  - Less chemicals = lower DBPs
  - Homogenous Chemistry
  - Eliminate stratification
- Create environment less conducive to BIOFILM

Benefits to you, the Customer

- **Transfer the RISK and LIABILITY** of maintaining your tank
- Secure Online Portal for easy access to tank information
- Annual inspections with detailed reports
- Help meeting service expectations & regulatory requirements
- Remove from your plate and have peace of mind
- All of the above!

Utility Service Co. Inc. has over 5000 water storage tanks on our FULL ASSET MANAGEMENT PROGRAM across the country. ASSET MANAGEMENT is the sustainable solution for aging infrastructure.

AWWA M42 Steel Water Storage Tanks – *"A good, comprehensive preventative maintenance program can extend the life of an existing tank (as well as that of a new tank) INDEFINITELY"*

[illegible]

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: July 25, 2013
Year Funding is Requested: 2014

Department:	Public Works - Water
Project Title:	Water Line Rehabilitation
Contact:	Paul Vlasich
Phone:	778 - 0591 ext 160
e-Mail:	pvlasich@town.exeter.nh.us

Priority (1 of 8, etc.):	2 of 2
Estimated Total Cost:	$ 4,200,000
Estimated Useful Life (Years):	50
Previously Presented? (Yes/No)	Yes
When (Please give year):	2006
Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? The watermain rehabilitation program was initially established in FY10 with a suggested expenditure of $1,400,000 every other year. Large portions of the Town's water system are over 100 years old. Although improvements and repairs to the system have been completed over the last century much of the system is beyond the anticipated useful life and is in need of replacement and/or repairs. Public Works staff has prepared a proposed pipe line replacement list. This list takes into consideration pipe age, condition, and hydraulic capacity. The attached sheet shows the currently know watermains in need of replacement.

2. Rationale? The department proposes to continue the program that was suggested by the 2002 CDM Water System Study. One of the initial recommendations of the Water Study was to upgrade 2,200 ft of watermain on Lincoln St. This main increases in importance as a link between the storage tanks and the groundwater treatment plant currently under design. Approximately 750 ft of watermains on Tremont and Daniel will be addressed at the same time. Watermain sizes will be increased from 6" to 12" on Lincoln St and from 4" to 6" on the side streets. The replacement of the Winter St watermain from Columbus Ave to Main St is also proposed to meet the program expenditures. Winter St has experienced many water breaks and exhibits very poor hydraulic characteristics. The Winter Street replacement project replaces 1,240 ft of 6" cast iron watermain. Project design will be finished in Summer 2014 with possible construction in Fall 2014 or Spring 2015. Future projects will be generated from the replacement list. or as emergency replacements arise.

3. Operating Budget Impact?

$ 954,000 - Lincoln St, Tremont, and Daniel watermain project
$ 446,000 - Winter Street Project
$ 1,400,000 - Program expenditure

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering							-
Land/Site Improvements							-
Construction	1,400,000		1,400,000		1,400,000		4,200,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	1,400,000	-	1,400,000	-	1,400,000	-	4,200,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☑ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

G2

WATERMAIN REPLACEMENT PROGRAM

PROGRAM COSTS:

$7,000,000 for the next 10 years- ($1,400,000 every other year)

2014	LF
Lincoln	2200
Tremont	450
Daniel	300
Winter	1240

PROJECTS	LF
Kossuth	500
School	700
Union	800
Garfield Ct	300
Garfield St	800
Summer	530
Salem	600
Oak	900
Wadleigh	150
Forest	700
Walnut	1000
Hale	300
Warren	560
Locust	150
Park	400
Cass	770
Green	750
Water	1750

PROJECTS	LF
Franklin	600
South	1000
River	400
River Ext	300
Brown	360
Brown loop	250
Robin loop	100
Ann loop	100
Elm	900
Washington	1800
Maple	500

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Public Works - Sewer	**Priority (1 of 8, etc.):**	1 of 8
Project Title:	New Wastewater Treatment Facilities	**Estimated Total Cost:**	$ 46,487,000
Contact:	Jennifer Perry	**Estimated Useful Life (Years):**	25
Phone:	778 - 0591 ext. 161	**Previously Presented? (Yes/No)**	Yes
e-Mail:	jperry@town.exeter.nh.us	**When (Please give year):**	2006
		Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☐ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☑ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

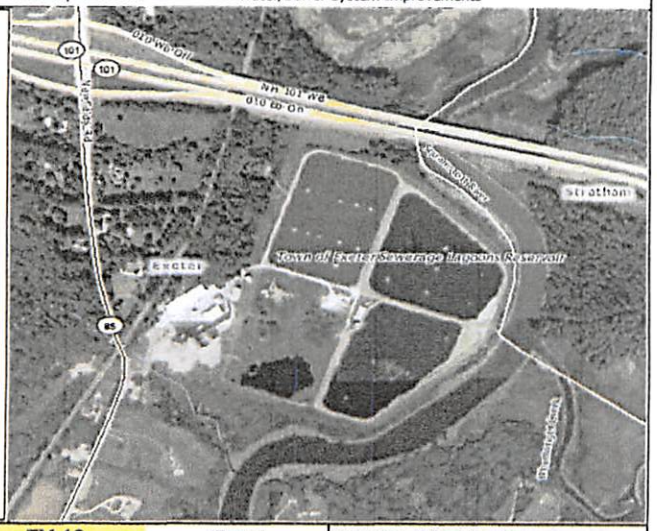
PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? New standards for nitrogen were established by NHDES in 2009 to protect water quality in Great Bay. USEPA issued a National Pollutant Discharge Elimination System (NPDES) permit for the Exeter Wastewater Plant in final format in December 2012, which became effective March 1, 2013. The new permit includes a new rolling seasonal average limit for total nitrogen of 3.0 mg/L, April through October. This new nitrogen permit limit necessitates a new wastewater treatment facility designed to treat to low nitrogen levels. The first year of engineering evaluations is underway with a facilities plan, which includes reviews current and future capacity requirements, estimations of collection system improvements and costs, identification of treatment alternatives that can meet the new and anticipated future permit limits, develops opinions of cost for capital construction and operation and maintenance for the alternatives. The facilities plan will be used to select the appropriate treatment processes and siting . Final design would commence in 2014. Construction is planned to start before March 31, 2016 and be completed by March 31, 2018.

2. Rationale? The Wastewater Treatment Plant aerated lagoons were originally constructed on this site In 1964; they were expanded in 1990 to treat average flows of 3 million gallons per day (MGD) and peak flows of 7.5 MGD. No other major changes to process or facility capacity have been made since 1990, with the exception of optimizing available dilution by extending the outfall to the bottom of the Squamscott River and adding pinch valve diffusers in 2001. The existing aerated lagoons are a biological process that discharge on average 15 mg/L Total Nitrogen (2008 average), with levels up to 40 mg/L. New treatment processes and facilities will be required to meet the new permit limits.

3. Operating Budget Impact? The existing biological treatment process is relatively low operation and maintenance cost. A new facility that provides a higher degree of treatment, such as activated sludge or Bardenpho for nutrient removal, will increase energy and chemical costs. Additional operations staff will be required, with advanced licensing (Grade IV).



Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering	6,000,000						6,000,000
Land/Site Improvements							-
Construction		40,000,000					40,000,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	6,000,000	40,000,000	-	-	-	-	46,000,000
Operating Budget Impact:							
Salaries/Wages					119,000	122,000	241,000
Fringe Benefits					72,000	74,000	146,000
Contracted Services							-
Expenses					50,000	50,000	100,000
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	241,000	246,000	487,000

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

H1

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 13, 2013
Year Funding is Requested: 2014

Department:	Public Works - Sewer	**Priority (1 of 8, etc.):**	3 of 8
Project Title:	Infiltration & Inflow Abatement	**Estimated Total Cost:**	$1,237,000
Contact:	Paul Vlasich	**Estimated Useful Life (Years):**	50
Phone:	773-6157 ext. 160	**Previously Presented? (Yes/No)**	Yes
e-Mail:	pvlasich@town.exeter.nh.us	**When (Please give year):**	2006
		Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☑ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

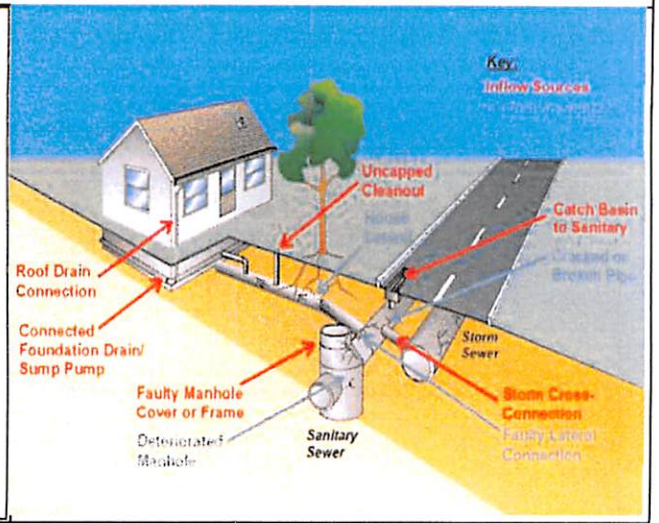
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? The Phase III Inflow & Infilitration (I/I) study has been completed. The study included the development of a long-term control plan for the abatement of I/I and combined sewer overflows. The efforts now are to eliminate other private and public I/I problems. Some areas have been specified by previous studies. Priorities are determined according to the estimated I/I flows, pipe condition and flows and road. As the needs are prioritized, we will also coordinate with the the various utilities and road repairs.

The I/I Abatement Program is expected to be an ongoing effort to decrease treatment costs and eliminate combined sewer overflows. The Town is awaiting approval of the plan from EPA as we are under an EPA Administrative Order to address sewer overflows. The department has recently installed additional monitoring devices to better evaluate/monitor sewer and CSO flows and will proactively monitor the system. The plan submitted to EPA addresses the first few years of improvements to allow time for decisions on the wastewater treatement plant.

2. Budget? Please refer to the attached sheet which is Table 14-1 from the Phase III study. The reoccurring evaluations and monitoring costs were split from one year and spread into two years. The reoccurring evaluations will be put into the sewer budget.



Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	152,500	172,500	165,000	125,000			615,000
Land/Site Improvements							-
Construction	60,000	540,000	11,000	11,000	TBD	TBD	622,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	212,500	712,500	176,000	136,000	-	-	TBD
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

H2

FROM 2013 PHASE III - INFILTRATION AND INFLOW STUDY

Table 14-1

Suggested CSO LTCP Sewer Implementation Schedule and Cash Flow - 5-Year Plan

Sewer Improvement Project/Program	Total Budgetary Cost [3,4,5]	Project Year 2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
WWTF Improvements [2]																
Facility Plan	$375,000	$375,000														
Design	TBD		TBD	TBD												
Construction	TBD				TBD	TBD	*									
Phase I On-Line (8 mg/L) [9]	TBD															
Non-point Nitrogen Evaluations and Controls [9]	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD				
Phase II On-Line (3 mg/L)- If Necessary, TBD [9]	TBD															
Long Term CSO Control Plan		*			Confirmation		Confirmation									
Submit Report																
Jady Hill Project [1,6]																
Construction	$3,436,000	$3,436,000														
Evaluation/Assessment	$20,000		$20,000			125,000										
Additional Evaluations/Monitoring/TV/Implementation	$515,000		~~$265,000~~ 132,500	132,500	$250,000	125,000										
Manhole Rehabilitation			$60,000	$40,000	$11,000	$11,000										
Downing Ct./Westside Drive [1,8]																
Design	$40,000			$40,000												
Construction/Implementation	$500,000			$500,000												
Evaluation/Assessment	$40,000		~~$212,500~~ 132,500	~~$712,500~~	$40,000	~~$11,000~~										
Subtotal Additional I/I Projects LTCP Driven		***$3,436,000***	***~~$345,000~~***	***~~$580,000~~***	***~~$301,000~~***											
					176,000	156,000										
Sewer Collection CIP [7]																
Portsmouth Avenue Sewer	$940,000	$940,000														
Lincoln Street Sewer	$196,000		$196,000													
Sewer Line Replacement	$1,700,000			$850,000		$850,000										
Subtotal Existing CIP Sewer Projects		***$940,000***	***$196,000***	***$850,000***	***$0***	***$850,000***										
ANNUAL TOTAL LTCP AND EXISTING SEWER CIP (WWTF COSTS NOT INCLUDED)		***$4,376,000***	***~~$541,000~~***	***~~$1,430,000~~***	***~~$301,000~~***	***~~$861,000~~***	***$TBD***	***$TBD***	***$TBD***	***$TBD***	***$TBD***	***$TBD***	***$TBD***	***$TBD***	***$TBD***	***$TBD***

5-YEAR LTCP COMMITMENT (I/I)
$3.34M Jady Hill + $1.24M Additional

10-YEAR PHASE II LTCP
Costs TBD if needed

Notes:

1 Pilot areas should be done initially to further refine private I/I approach.
2 A new WWTF may be needed due to revised permit limits. The schedule for this new facility is not known at this time. The above schedule should be reviewed/adjusted when the schedule and cost of the new WWTF is known.
3 All expenditures and projects indicated above are pending Town authorization through voting.
4 Reassessment of affordibility and approach of the program should be performed at a minimum of every 2-years and during critical milestones such as pilot area implementation, WWTF upgrade, and main pumping station improvements.
5 Budgetary project costs are present day and have not been escalated for the time value of money.
6 Jady Hill Project costs includes sewer related expenses only.
7 Sewer Collection CIP is a draft plan only.
8 Assumes enforcement only in Westside Drive.
9 Schedule is based on US Environmental Protection Agency (EPS) draft Administrative Compliance Order (ACO).

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: July 1, 2013
Year Funding is Requested: 2014

Department:	Public Works - Maintenance	**Priority (1 of 8, etc.):**	4 of 8
Project Title:	Wastewater Treatment Plant Heating Replacement	**Estimated Total Cost:**	$ 69,500
Contact:	Kevin Smart	**Estimated Useful Life (Years):**	25
Phone:	778 - 0591 ext. 162	**Previously Presented? (Yes/No)**	Yes
e-Mail:	ksmart@town.exeter.nh.us	**When (Please give year):**	2010
		Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

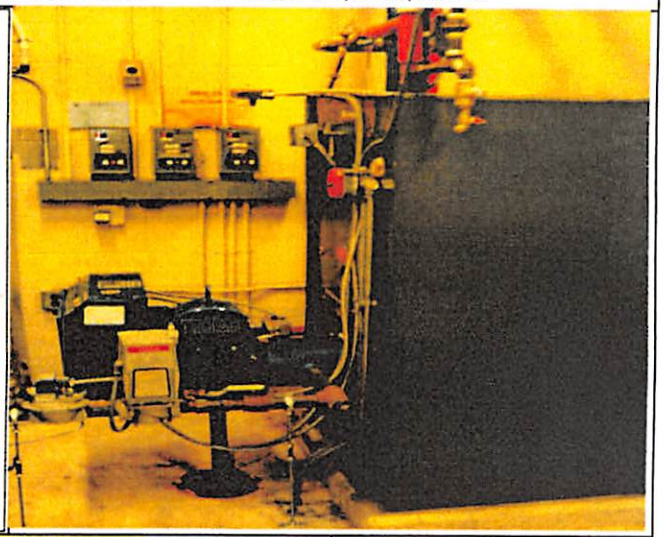
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? The maintenance project shall consist of the replacement of the Wastewater Treatment Plant boiler. The existing boiler shall be removed and replaced with a 98% efficient natural gas condensation unit. Piping, and air handlers (HVAC), and associated heating zones shall be calculated and designed to provide maximum efficiency of operation.

2. Rationale? The existing boiler is original equipment to the building, was oil fired, and converted to Natural Gas. The boiler is well beyond the recommended life expectancy provided by the manufacturer. A failure would make it necessary to conduct an emergency replacement under load without the opportunity to correct and improve efficiency. As this boiler heats the Wastewater Treatment Building, a failure during heating season would be detrimental to the Wastewater Treatment Plant chemicals, process monitoring, and laboratory testing reagents.

3. Operating Budget Impact?
The recommendation upgrades the Boiler, HVAC equipment, zoning corrections, insulation, and controls will enable an anticipated energy reduction of approximately 30% of the annual heating/cooling costs.



Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	69,500						69,500
Land/Site Improvements							-
Construction							-
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	69,500	-	-	-	-	-	69,500
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

H3

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: July 1, 2013
Year Funding is Requested: 2014

Department:	Public Works - Sewer	**Priority (1 of 8, etc.):**	5 of 8
Project Title:	Replace/Upgrade Sewer Televising Equipment	**Estimated Total Cost:**	$ 60,000
Contact:	Michael Jeffers	**Estimated Useful Life (Years):**	10
Phone:	778 - 0591 ext. 165	**Previously Presented? (Yes/No)**	Yes
e-Mail:	mjeffers@town.exeter.nh.us	**When (Please give year):**	2002
		Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☐ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☑ Deemed Critical by Department

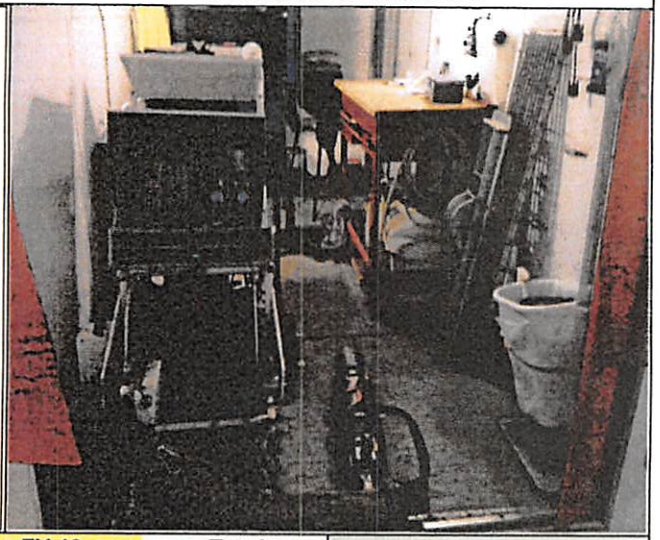
PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☑ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? This equipment allows the sewer crew to inspect the sewer lines for their condition. It is a requirement for the Administrative Order from EPA that we Jet and Camera all the system in 5 years (10 miles a year). The camera also helps to locate sewer services, allowing more precise excavations for DPW and Contractors (when necessary). This equipment will improve the service provided to customers by giving necessary information about property owner's service locations. It will enable the crew to locate problem areas and determine the cause of the problem.

2. Rationale? New technology will make it more capatible for data collection; age of the camera;

3. Operating Budget Impact?



Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Planning/Design/Engineering	60,000						60,000
Land/Site Improvements							-
Construction							-
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	60,000	-	-	-	-	-	60,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☑ Other (Grants, Special Assessment)

H4

Town of Exeter, New Hampshire
2014 - 2019 CIP Project Request

Date Submitted: May 21, 2013
Year Funding is Requested: 2014

Department:	Public Works - Sewer	**Priority (1 of 8, etc.):**	5 of 7
Project Title:	Sewer Line Rehabilitation	**Estimated Total Cost:**	$ 2,746,000
Contact:	Paul Vlasich	**Estimated Useful Life (Years):**	50
Phone:	773-6157 ext. 160	**Previously Presented? (Yes/No)**	Yes
e-Mail:	pvlasich@town.exeter.nh.us	**When (Please give year):**	2003
		Growth Related? (Yes/No):	Yes

Request Results from ("√" all that apply)

- ☑ Reduce Long Term Operating Cost
- ☑ Continuation of Existing Project
- ☑ Reflects Master Plan
- ☐ Fed./State Action Required
- ☑ Health or Safety
- ☑ Expand Public Demand
- ☑ Reduces Liability
- ☐ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONALE & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☐ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? The sewer line rehabilitation program was initially establisihed in FY10 with a suggested expenditure of $850,000 every other year. Public Works staff prepared a preliminary sewer pipe line replacement schedule that consists of replacing about 13,000 linear feet or about 2.5 miles. The pipe sizes range from 8" to 15" sewer main replacements. The total cost of the pipeline replacement is estimated to be $4.2 million dollars. A 10 year replacement program was recomended requesting $850,000 thousand dollars every other year. This schedule considers pipe age, condition, and hydraulic capacity. In addition, the schedule will take into account the Pavement Management Schedule, water and drainage rehabilitation/replacements and budget.

Sewer line replacements occured in the Jady Hill area in 2011 and 2012. The Portsmouth Avenue sewer fixes are scheduled for 2013. Several sewers in Lincoln St are anticipated to be corrected with the proposed FY14 Lincoln St watermain project. The 2009 Inflow and Infiltration report noted 1,000 ft of sewer on Lincoln St and 830 ft of sewer on Tremont and Daniel in need of rehabilitation or replacement.

2. Rationale? Various project areas have been identified through routine maintenance inspections and sewer line failures. Additional replacement/rehabilitation areas were indentified by the 1998 CDM Phase I & II Sewer System Evaluation Studies. A current plan of future projects are shown on the attached sheet.

3. Operating Budget Impact? Reduces inflow and infiltration into the collection system which results in less treatment costs. Maintenance crews will spend less time and dollars on emergency repairs. Costs are based on a consultants scoping review.

Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Planning/Design/Engineering	30,000						30,000
Land/Site Improvements							-
Construction	166,000	850,000		850,000		850,000	2,716,000
Equipment Cost							-
Other Cost	-	-	-	-	-	-	-
Totals	196,000	850,000	-	850,000	-	850,000	2,746,000
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

H5

SEWERMAIN REPLACEMENT PROGRAM

PROGRAM COSTS:

$4,250,000 for 10 years - ($850,000 every other year)

PROJECT AREAS	LF
Forest Street	780
Walnut Street	1,300
Wadleigh Street	300
Salem Street	210
Wheelwright Avenue	725
Thornton Avenue	1,000
Orchard Circle	80
Towle Avenue	475
Conant Avenue	235
Smith Avenue	180
Robin Lane	230
Lantern Lane	120
Sleepy Hollow Road	700
Linden Street--Front Street to VOC Center	1,200

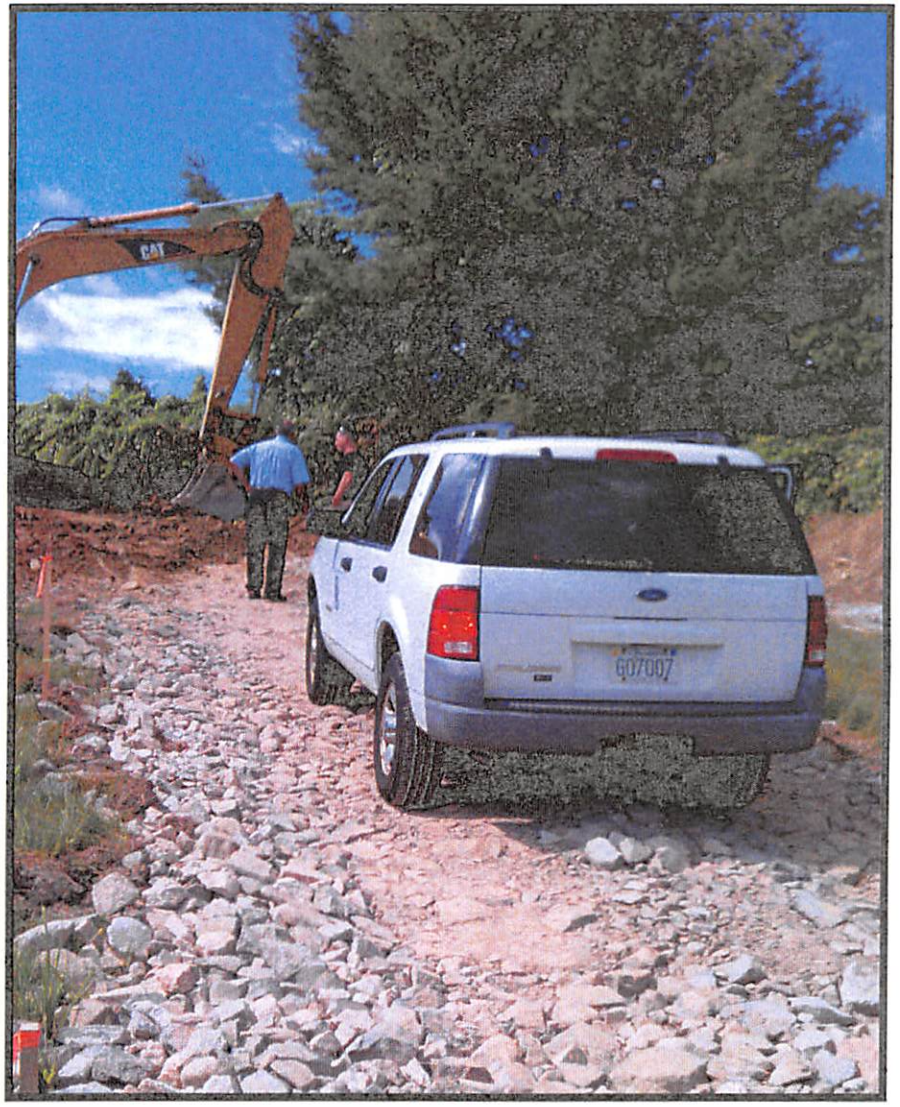
POTENTIAL ADMINISTRATIVE ORDER SUPPORT

I/I EPA Report - Table 14-1 (5-YEARS)

Downing Ct / Westside Dr

Additional Eval/Monitor/TV/Implement

CIP Worksheets - DPW Vehicles and Equipment



Town of Exeter
Capital Improvement Program - Summary of Vehicles by Year

	Project / Equipment Description	Program Year	Priority Ranking	Department Request	Funded 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	6-Year Total Cost
A.	**Town-Owned Property/Building-Maintenance Department**											
	Maintenance Vehicles											
A6	Plumbing/HVAC Van (#12)	2014	MV-1	$ 22,985		22,985	-	-	-	-	-	22,985
A7	Maintenance Carpenter Pick-Up (#4)	2015	MV-2	$ 18,227		-	18,227	-	-	-	-	18,227
A8	Sedan #7	2015	MV-3	$ 21,000			21,000	-				21,000
A9	Replace Truck #23	2016	MV-4	$ 31,560		-	-	31,560	-	-	-	31,560
	TOTAL - GENERAL FUND				-	22,985	39,227	31,560	-	-	-	93,772
D.	**Public Works Department-Engineering & Highway**											
	Vehicles/Heavy Equipment											
D8	Replace Six Wheel Dump Truck # 30	2014	HV-1	$ 151,846		151,846	-	-	-	-	-	151,846
D9	Replace Truck #29	2014	HV-2	$ 48,813		48,813	-	-	-	-	-	48,813
D10	Rebuild Street Sweeper #48	2015	HV-3	$ 150,000			150,000	-	-	-	306,030	456,030
D11	Sedan #17	2017	HV-4	$ 21,000		-	-	-	21,000	-	-	21,000
	TOTAL - GENERAL FUND				-	200,659	150,000	-	21,000	-	306,030	677,689
G.	**Water Department**											
	Vehicles/Heavy Equipment											-
G3	Backhoe #53	2014	1 of 6	$ 170,379		170,379	-	-	-	-	-	170,379
G4	Pick Up Truck #3	2014	2 of 6	$ 17,942		17,942	-	-	-	-	-	17,942
G5	Pick Up Truck #32	2015	3 of 6	$ 53,700		-	53,700	-	-	-	-	53,700
G6	Sedan #13	2016	4 of 6	$ 21,000			-	21,000	-	-	-	21,000
G7	Truck #11	2016	5 of 6	$ 42,129			-	42,129	-	-	-	42,129
G8	Truck #33	2018	6 of 6	$ 166,653		-	-	-	-	166,653	-	166,653
	TOTAL - WATER FUND				-	188,321	53,700	63,129	-	166,653	-	471,803
H.	**Sewer Department**											-
	Vehicles/Heavy Equipment					-						
H8	W/S Infrastructure Repair Equipment (travelvac/air compr)	2015	3 of 5	$ 49,126		-	49,126	-	-	-	-	49,126
H9	Truck # 2	2016	4 of 5	$ 44,043		-	-	44,043	-	-	-	44,043
H10	Sedan #51	2018	5 of 5	$ 21,000		-	-	-	-	21,000	-	21,000
	TOTAL - SEWER FUND				-	-	49,126	44,043	-	21,000	-	114,169
	Total-General Fund, Water Fund, Sewer Fund					411,965	292,053	138,732	21,000	187,653	306,030	1,357,433

Capital Improvement Plan 2013-2018
Town of Exeter-DPW Vehicle Replacement Schedule with Projected Costs

Vehicle #	Make	Model	Year Purch.	Useful Life	Replace. Year	Original Cost	Replace. Cost	Origin Replace. Cost	Priority Rank	Life to Date Maintenance Cost	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Total for 6-yr Period
Water & Sewer																	
SEDANS																	
51	Ford	Crown Victoria	2008	6	2018		$ 21,000	in-house	S-3		-	-	-	-	21,000	-	$ 21,000
13	Ford	Crown Victoria	2006	6	2016		$ 21,000	in-house	W-4		-	-	21,000	-	-	-	$ 21,000
PICKUP TRUCKS																	
16	Ford	3/4 Ton Pickup	2012	8	2020	$ 27,240	$ 34,283		S-4	$2,203	-	-	-	-	-	-	$ -
14	Ford	3/4 Ton Pickup	2012	8	2020	$ 23,152			W-8	$2,063	-	-	-	-	-	-	$ -
3	Ford	1/2 Ton Pickup	2002	8	2014	$ 15,662	$ 17,942	Veh. Inflat.	W-2	$7,642	17,942	-	-	-	-	-	$ 17,942
TRUCKS WITH INSTALLED UTILITY BODIES																	
19	Chevrolet	Utility Box Body	2013	8	2013		$ 43,063	Veh. Inflat.	S-5	$0	-	-	-	-	-	-	$ -
32	Ford	Dump Rack Body	2002	8	2015	$ 29,891	$ 53,700	Veh. Inflat.	W-3	$10,581	-	53,700	-	-	-	-	$ 53,700
11	Ford	Utility Service Body	2008	8	2016	$ 25,000	$ 42,129	Veh. Inflat.	W-5	$4,382	-	-	42,129	-	-	-	$ 42,129
2	Ford	Utility Service Body	2006	8	2016	$ 29,942	$ 44,043	Veh. Inflat.	S-2	$6,558	-	-	44,043	-	-	-	$ 44,043
HEAVY & SPECIALTY EQUIPMENT																	
67	International	Vacuum Truck	2013	6	2013		$ 393,129	CN Wood		$0	-	-	-	-	-	489,910	$ 489,910
33	International	6 Wheel Dump Truck	2008	10	2018	$ 98,600	$ 166,653	Veh. Inflat.	W-6	$6,645	-	-	-	-	166,653	-	$ 166,653
53	John Deere	Loader/Backhoe	2000	12	2014	$ 92,000	$ 170,379	Veh. Inflat.	W-1	$24,928	170,379	-	-	-	-	-	$ 170,379
90	Road.	Trailer	1994	12	2015	$ 995	$ 2,508	Veh. Inflat.	S-1		-	2,508	-	-	-	-	$ 2,508
120	Wachs	Valve Operator	2001	16	2017	$ 40,000	$ 80,895	Veh. Inflat.	W-7		-	-	-	80,895	-	-	$ 80,895
	Wachs	Travel Vac	2002	10	2015	$ 9,240	$ 16,375	Veh. Inflat.	S-1		-	16,375	-	-	-	-	$ 16,375
102	Ingersoll Rand	Air Compresser	1994	10	2015	$ 12,000	$ 30,243	Veh. Inflat.	S-1		-	30,243	-	-	-	-	$ 30,243
Total Water & Sewer Fund											$ 188,321	$ 102,826	$ 107,172	$ 80,895	$ 187,653	$ 489,910	$ 1,156,777
																6-yr ave	$ 192,796
Maintenance, Highway, Engineering																	
SEDANS																	
1	Jeep	Patriot	2013	8	2021	$ 16,979		Jeep/FD			-	-	-	-	-	-	$ -
7	Ford	Crown Victoria	2004	6	2015		$ 21,000		MV-3		-	21,000	-	-	-	-	$ 21,000
17	Ford	Crown Victoria	2004	6	2017		$ 21,000		HV-4		-	-	-	21,000	-	-	$ 21,000
65	Jeep	Patriot	2013	8	2021	$ 16,979		Jeep/FD			-	-	-	-	-	-	$ -
PICKUP TRUCKS																	
23	Ford	1 Ton Pickup	2006	8	2016	$ 33,750	$ 31,560	Veh. Inflat.	MV-4		-	-	31,560	-	-	-	$ 31,560
5	Ford	1/2 Ton Pickup	2012	8	2020	$ 13,407	$ 16,925	Grap. Ford			-	-	-	-	-	-	$ -
4	Chevrolet	1/2 Ton Pickup	2001	8	2015	$ 14,954	$ 18,227	Veh. Inflat.	MV-2	$3,149	-	18,227	-	-	-	-	$ 18,227
10	Ford	3/4 Ton Pickup	2008	8	2016	$ 29,498	$ 41,949	Veh. Inflat.			-	-	41,949	-	-	-	$ 41,949
TRUCKS WITH INSTALLED UTILITY BODIES																	
12	Dodge	Van	2002	8	2014	$ 28,415	$ 22,985	Veh. Inflat.	MV-1	$3,402	22,985	-	-	-	-	-	$ 22,985
6	Ford	Van	2013	8	2013	$ 22,985	$ 22,600	Veh. Inflat.			-	-	-	-	-	-	$ -
9	Chevrolet	Dump Body	2007	8	2017	$ 47,167	$ 73,249	Veh. Inflat.			-	-	-	73,249	-	-	$ 73,249
52	Chevrolet	Dump Body	2012	8	2020	$ 37,000	$ 45,229	Grap. Ford			-	-	-	-	-	-	$ -
29	Chevrolet	Dump Rack Body	2001	8	2014	$ 32,048	$ 48,813	Veh. Inflat.	HV-2		48,813	-	-	-	-	-	$ 48,813
HEAVY & SPECIALTY EQUIPMENT																	
25	International 4900	6 Wheel Dump Truck	2008	10	2018	$ 104,226	$ 161,860	Veh. Inflat.			-	-	-	-	161,860	-	$ 161,860
28	International 7400	6 Wheel Dump Truck	2004	10	2014	$ 90,173	$ 140,036	Veh. Inflat.			140,036	-	-	-	-	-	$ 140,036
30	Int'l Harvester	6 Wheel Dump Truck	1999	10	2014	$ 80,123	$ 151,846	Lib. Intl.	HV-1	$54,834	151,846	-	-	-	-	-	$ 151,846
31	International	6 Wheel Dump Truck	2013	10	2013	$ 80,971	$ 129,350	Lib. Intl.			-	-	-	-	-	-	$ -
27	International 7400	6 Wheel Dump Truck	2004	10	2014	$ 90,173	$ 140,036	Veh. Inflat.			140,036	-	-	-	-	-	$ 140,036
48	Tennant	Sweeper	2006	5	2015	$ 200,393	$ 150,000	Centurion	HV-3		-	150,000	-	-	-	-	$ 150,000
55	Clark	Forklift	2001	15	2016	$ 15,422	$ 29,846	Veh. Inflat.			-	-	29,846	-	-	-	$ 29,846
41	Caterpillar	Loader/Backhoe	2004	12	2016	$ 78,465	$ 133,067	Veh. Inflat.			-	-	133,067	-	-	-	$ 133,067
43	John Deere 624J	Loader w/Wing Plow	2005	12	2017	$ 141,300	$ 239,628	Veh. Inflat.			-	-	-	239,628	-	-	$ 239,628
44	John Deere 624J	Loader w/Wing Plow	2006	12	2018	$ 141,300	$ 239,628	Veh. Inflat.			-	-	-	-	239,628	-	$ 239,628
51	Trackless	Mower	2005	15	2017	$ 30,000	$ 50,876	Veh. Inflat.			-	-	-	50,876	-	-	$ 50,876
60	Spaulding	Infrared Hot Box	2005	15	2017	$ 28,145	$ 47,731	Veh. Inflat.			-	-	-	47,731	-	-	$ 47,731
57	Trackless	Sidewalk Tractor	1992	15		$ 33,000					-	-	-	-	-	-	$ -
59	Trackless	Sidewalk Tractor	2005	15	2020	$ 77,000	$ 149,017	Veh. Inflat.			-	-	-	-	-	-	$ -
56	Trackless	Sidewalk Tractor	2012	15	2027	$ 87,624		Bombadier			-	-	-	-	-	-	$ -
58	Trackless	Sidewalk Tractor	1991	15		$ 87,624					-	-	-	-	-	-	$ -
68	SnoGo	Street Snowblower	1990	20	2015	$ 41,000	$ 123,223	Veh. Inflat.			-	123,223	-	-	-	-	$ 123,223
45	Stone	*2500lb Roller	2008	12	2020	$ 14,995	$ 25,430	Veh. Inflat.			-	-	-	-	-	-	$ -
	Paver	Sidewalk Paver	2008	12	2020	$ 24,550	$ 41,634	Veh. Inflat.			-	-	-	-	-	-	$ -
Total General Fund											$ 503,716	$ 312,450	$ 236,422	$ 432,484	$ 401,488	$ -	$ 1,886,560
																6-yr ave	$ 314,427

Highlighted items have surpassed projected useful life

*Items are to be replaced by different type of vehicle

Useful life has been updated to reflect Town of Exeter Vehicle Replacement Schedule 2011

Replacement costs were figured using "Grappone Ford" State Bid 2011; CN Wood, Liberty International Trucks, Bombadier Tractors or applying a 4.5% vehicle inflation rate to the original cost by the amount of years out from original purchase

Capital Improvement Plan 2013-2018
Town of Exeter-DPW Vehicle Replacement Schedule with Projected Costs

Vehicle #	Make	Model	Year Purch.	Useful Life	Replace. Year	Original Cost	Replace. Cost	Origin Replace. Cost	Priority Rank	Life to Date Maintenance Cost	Odometer Mileage or Hours	Vehicle Points Score	Miles per Gallon
Water & Sewer													
SEDANS													
51	Ford	Crown Victoria	2008	6	2018		$ 21,000	in-house	S-3		111,891	24	
13	Ford	Crown Victoria	2006	6	2016		$ 21,000	in-house	W-4		128,261	27	
PICKUP TRUCKS													
16	Ford	3/4 Ton Pickup-4X4	2012	8	2020	$ 27,240	$ 34,283		S-4	$2,203		8	
14	Ford	3/4 Ton Pickup-Liftgate	2012	8	2020	$ 23,152			W-8	$2,063		8	
3	Ford	1/2 Ton Pickup	2002	8	2014	$ 15,662	$ 17,942	Veh. Inflat.	W-2	$7,642	80,160	31	16/22
TRUCKS WITH INSTALLED UTILITY BODIES													
19	Chevrolet	Utility Box Body	2013	8	2013		$ 43,063	Veh. Inflat.	S-5	$0			
32	Ford	Dump Rack Body	2002	8	2015	$ 29,891	$ 53,700	Veh. Inflat.	W-3	$10,581	58,536	26	
11	Ford	Utility Service Body	2008	8	2016	$ 25,000	$ 42,129	Veh. Inflat.	W-5	$4,382	31,853	17	
2	Ford	Utility Service Body	2006	8	2016	$ 29,942	$ 44,043	Veh. Inflat.	S-2	$6,558	50,690	19	
HEAVY & SPECIALTY EQUIPMENT													
67	International	Vacuum Truck	2013	6	2013		$ 393,129	CN Wood		$0			
33	International	6 Wheel Dump Truck	2008	10	2018	$ 98,600	$ 166,653	Veh. Inflat.	W-6	$6,645	2,139	17	
53	John Deere	Loader/Backhoe	2000	12	2014	$ 92,000	$ 170,379	Veh. Inflat.	W-1	$24,928	7,090	35	
90	Road	Trailer	1994	12	2015	$ 995	$ 2,508	Veh. Inflat.	S-1				
120	Wachs	Valve Operator	2001	16	2017	$ 40,000	$ 80,895	Veh. Inflat.	W-7				
	Wachs	Travel Vac	2002	10	2015	$ 9,240	$ 16,375	Veh. Inflat.	S-1		97 hrs		
102	Ingersoll Rand	Air Compresser	1994	10	2015	$ 12,000	$ 30,243	Veh. Inflat.	S-1		1045.7 hrs		
Maintenance, Highway, Engineering													
SEDANS													
1	Jeep	Patriot	2013	8	2021	$ 16,979		Jeep/FD			0		21/26
7	Ford	Crown Victoria	2004	6	2015		$ 21,000		MV-3		107,000	28	
17	Ford	Crown Victoria	2004	6	2017		$ 21,000		HV-4		128,261	29	
65	Jeep	Patriot	2013	8	2021	$ 16,979		Jeep/FD			0		21/26
PICKUP TRUCKS													
23	Ford	1 Ton Pickup	2006	8	2016	$ 33,750	$ 31,560	Veh. Inflat.	MV-4		59,111	19	
5	Ford	1/2 Ton Pickup	2012	8	2020	$ 13,407	$ 16,925	Grap. Ford					16/22
4	Chevrolet	1/2 Ton Pickup	2001	8	2015	$ 14,954	$ 18,227	Veh. Inflat.	MV-2	$3,149	41,000	26	16/22
10	Ford	3/4 Ton Pickup	2008	8	2016	$ 29,498	$ 41,949	Veh. Inflat.					
TRUCKS WITH INSTALLED UTILITY BODIES													
12	Dodge	Van	2002	8	2014	$ 28,415	$ 22,985	Veh. Inflat.	MV-1	$3,402	46,200	27	13/17
6	Ford	Van	2013	8	2013	$ 22,985	$ 22,600	Veh. Inflat.					13/17
9	Chevrolet	Dump Body	2007	8	2017	$ 47,167	$ 73,249	Veh. Inflat.					
52	Chevrolet	Dump Body	2012	8	2020	$ 37,000	$ 45,229	Grap. Ford					
29	Chevrolet	Dump Rack Body	2001	8	2014	$ 32,048	$ 48,813	Veh. Inflat.	HV-2		104,418	33	
HEAVY & SPECIALTY EQUIPMENT													
25	International 4900	6 Wheel Dump Truck	2008	10	2018	$ 104,226	$ 161,860	Veh. Inflat.					
28	International 7400	6 Wheel Dump Truck	2004	10	2014	$ 90,173	$ 140,036	Veh. Inflat.					
30	Int'l Harvester	6 Wheel Dump Truck	1999	10	2014	$ 80,123	$ 151,846	Lib. Intl.	HV-1	$54,834	7,816 hrs	39	
31	International	6 Wheel Dump Truck	2013	10	2013	$ 80,971	$ 129,350	Lib. Intl.					
27	International 7400	6 Wheel Dump Truck	2004	10	2014	$ 90,173	$ 140,036	Veh. Inflat.					
48	Tennant	Sweeper	2006	5	2015	$ 200,393	$ 150,000	Centurion	HV-3		2,583	27	
55	Clark	Forklift	2001	15	2016	$ 15,422	$ 29,846	Veh. Inflat.					
41	Caterpillar	Loader/Backhoe	2004	12	2016	$ 78,465	$ 133,067	Veh. Inflat.					
43	John Deere 624J	Loader w/Wing Plow	2005	12	2017	$ 141,300	$ 239,628	Veh. Inflat.					
44	John Deere 624J	Loader w/Wing Plow	2006	12	2018	$ 141,300	$ 239,628	Veh. Inflat.					
51	Trackless	Mower	2005	15	2017	$ 30,000	$ 50,876	Veh. Inflat.					
60	Spaulding	Infrared Hot Box	2005	15	2017	$ 28,145	$ 47,731	Veh. Inflat.					
57	Trackless	Sidewalk Tractor	1992	15		$ 33,000							
59	Trackless	Sidewalk Tractor	2005	15	2020	$ 77,000	$ 149,017	Veh. Inflat.					
56	Trackless	Sidewalk Tractor	2012	15	2027	$ 87,624		Bombadier					
58	Trackless	Sidewalk Tractor	1991	15		$ 87,624							
68	SnoGo	Street Snowblower	1990	20	2015	$ 41,000	$ 123,223	Veh. Inflat.					
45	Stone	*2500lb Roller	2008	12	2020	$ 14,995	$ 25,430	Veh. Inflat.					
	Paver	Sidewalk Paver	2008	12	2020	$ 24,550	$ 41,634	Veh. Inflat.					

Useful life has been updated to reflect Town of Exeter Vehicle Replacement Schedule 2011
Replacement costs were figured using "Grappone Ford" State Bid 2011; CN Wood, Liberty International Trucks, Bombadier Tractors or applying a 4.5% vehicle inflation rate to the original cost by the amount of years out from original purchase

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Public Works - Maintenance
Project Title:	Replace Plumbing/HVAC Van (#12)
Contact:	Kevin Smart
Phone:	778 - 0591 ext. 162
e-Mail:	ksmart@town.exeter.nh.us

Priority (1 of 8, etc.):	1 of 4
Estimated Total Cost:	$ 22,985
Estimated Useful Life (Years):	8
Previously Presented? (Yes/No)	Yes
When (Please give year):	2010
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☑ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☑ Improved Efficiency/Procedures
- ☑ Other-Explain
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

Project Description: Replace the existing Maintenance vehicle Van #12 which is used by the Plumber for Plumbing/HVAC Utilities. The van was originally purchased for $18,115 after $300 trade-in. The recommended useful life is 8 years according to the Town of Exeter Vehicle Replacement Schedule (VRS). The vehicle repairs have been routine maintenance . The vehicle is designed for carrying capacities.

Rationale: The replacement of the Plumbing/HVAC Van at this time will minimize the diminished return on investment. The overall condition is in decline due to age, rust, and daily use. The van provides daily transportation for the service calls and preventive maintenance for all building heating, cooling, plumbing, and gas utilities work. It is recommended that the vehicle be used as a trade-in to capture residual value for credit towards the purchase price of a replacement. The Plumbing/HVAC trade requires a covered vehicle to protect tools, parts/fittings, and equipment needed to respond to plumbing and heating emergencies and routine maintenance for all municipal buildings.

Operating Budget Impact: Vehicle replacement price is based on "State Bid" 2013 pricing for a 2014 Ford Transit Connect of $20,082. + 4.5% inflation rate + cost of strobe lights, miscellaneous parts, and radio ($2,000). This price does not reflect a trade but will be pursued at time of purchase. Current vehicle has about 48,000 miles.

Item to be Replaced:

Make/ Model	Dodge Van
Year	2002
FY 12 Maintenance Cost	$178
FY 11 Maintenance Cost	$1,093
Life-to-Date Maintenance Cost	$3,402

Use of Requested Item:

Useful Life in Years	8
Weeks per Year	52
Average Days per Week	5
Average Hours per Day	8
Vehicle Point Score	27

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Vehicle Costs	22,985						22,985
Equipment Cost							-
Other Cost							-
Trade Value (show as negative)	-	-	-	-	-	-	-
Totals	22,985	-	-	-	-	-	22,985
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals		-		-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

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Town of Exeter
Vehicle Replacement Guidelines

Department:	Maintenance						Date:	May 20, 2013
Vehicle Name or Number:	Truck #12						Fuel Type:	Gas
Vehicle Registration:	2002 Ford Van		2002 Ford Van					
VIN #	2B7JB21Y72K134438							
Vehicle Category	*Recommended Replacement Years/Miles*	*Age*	*Miles/Hours Nearest 10,000*	*Type of Service*	*Reliability*	*Maintenace & Repairs Costs*	*Condition Interior/Exterior*	*Total Points*
Passenger Vehicles & Light Trucks, 4x2 & 4x4 Police Sedans, SUV's	6 and 75,000 or any year and 100,000 miles	11	4	3	2	3	4	27

Age: 1 point for each year of chronlogical age, based on in-service date

Miles/Hours: 1 point for each 10,000 miles or 750 hours

Type of Service: 1, 3, or 5 points are assigned based on type of service
1 point for Department Heads & Commuter use
3 points for meduim duty, ambulances, parks & rec, service vehicles
5 points for rough duty, plows, fire engines,etc...

Reliability: Points are assigned depending on the frequency that a vehicle is in the shop for repair
1 point for a vehicle in the shop once every 3 months for Preventive Maint
2 points for a vehicle in the shop once every 2 or 3 months
3 points for a vehicle in the shop each month for repairs
4 points for a vehicle in the shop twice a month for repairs
5 points for a vehicle in the shop 3 or more times a month

Maintenance & Repair Costs: Points are assigned based on total life Maintenance & Repair costs
1 point for maintenance & repair costs totalling 20% of original purchase cost
2 points for maintenance & repair costs totalling 40% of original purchase cost
3 points for maintenance & repair costs totalling 60% of original purchase cost
4 points for maintenance & repair costs totalling 80% of original purchase cost
5 points for maintenance & repair costs totalling 100% or greater of original purchase cost

Condition: This category takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc...
1 point for like new condition
2 points for excellent condition
3 points for good condition
4 points for fair/average condition
5 points for poor condition (Not Inspectable)

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: July 1, 2013
Year Funding is Requested: 2014

Department:	Public Works - Highway
Project Title:	Six Wheel Dump Truck (#30)
Contact:	Jay Perkins
Phone:	778 - 0591 ext. 163
e-Mail:	jperkins@town.exeter.nh.us

Priority (1 of 8, etc.):	1 of 4
Estimated Total Cost:	$ 151,846
Estimated Useful Life (Years):	10
Previously Presented? (Yes/No)	Yes
When (Please give year):	2010
Growth Related? (Yes/No):	no

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☐ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☐ Improved Efficiency/Procedures
- ☐ Other-Explain
- ☑ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

General project description: This truck is a 1999 International 4900 2-axle dump used by the Highway Department for winter and summer maintenance of town roads. This truck is past its useful life and unreliable. The dealer does not stock many parts making the parts more expensive and causing a longer down time. The Highway Department's dump trucks have sand and salt units on them and they are first responders when the roads are icy. The longer we keep the truck the more it will cost to operate.

Rationale: This truck is a 1999 International that responds to emergencies year round, from downed trees to winter maintenance. The truck has passed its useful life by 5 years.

Operating budget impact: This price is from 2013 Liberty International & Donovan Equipment purchase + 4.5% inflation rate + new sander machine ($15,000), and radio ($5,000). This price does not reflect a trade. Current vehicle has about 75,766 miles or 7,816 hours.

Item to be Replaced:

Make/ Model	Internatl 4900
Year	1999
FY 12 Maintenance Cost	$1,420
FY 11 Maintenance Cost	$2,458
Life-to-Date Maintenance Cost	$54,834

Use of Requested Item:

Useful Life in Years	10
Weeks per Year	45
Average Days per Week	varies
Average Hours per Day	8
Vehicle Point Score	39

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Vehicle Costs	151,846						151,846
Equipment Cost							-
Other Cost							-
Trade Value (show as negative)	-	-	-	-	-	-	-
Totals	151,846	-	-	-	-	-	151,846
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

D8

Department:	Highway						Date:	May 20, 2013
Vehicle Name or Number:	Truck #30						Fuel Type:	Diesel
Vehicle Registration:			1999 International 6 wheel dump					
VIN #	1HTSDAAR6XH642687							
Vehicle Category	***Recommended Replacement Years/Miles***	***Age***	***Miles/Hours Nearest 10,000***	***Type of Service***	***Reliability***	***Maintenace & Repairs Costs***	***Condition Interior/Exterior***	***Total Points***
Heavy Trucks Plow Trucks, Fire Engines other large vehicles	12 or 100,000 20 or 250,000	14	7	5	3	5	5	39

Age: 1 point for each year of chronlogical age, based on in-service date

Miles/Hours: 1 point for each 10,000 miles or 750 hours

Type of Service: 1, 3, or 5 points are assigned based on type of service
1 point for Department Heads & Commuter use
3 points for meduim duty, ambulances, parks & rec, service vehicles
5 points for rough duty, plows, fire engines,etc...

Reliability: Points are assigned depending on the frequency that a vehicle is in the shop for repair
1 point for a vehicle in the shop once every 3 months for Preventive Maint
2 points for a vehicle in the shop once every 2 or 3 months
3 points for a vehicle in the shop each month for repairs
4 points for a vehicle in the shop twice a month for repairs
5 points for a vehicle in the shop 3 or more times a month

Maintenance & Repair Costs: Points are assigned based on total life Maintenance & Repair costs
1 point for maintenance & repair costs totalling 20% of original purchase cost
2 points for maintenance & repais costs totalling 40% of original purchase cost
3 points for maintenance & repais costs totalling 60% of original purchase cost
4 points for maintenance & repais costs totalling 80% of original purchase cost
5 points for maintenance & repais costs totalling 100% or greater of original purchase cost

Condition: This category takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc...
1 point for like new condition
2 points for excellent condition
3 points for good condition
4 points for fair/average condition
5 points for poor condition (Not Inspectable)

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: July 1, 2013
Year Funding is Requested: 2014

Department:	Public Works - Highway
Project Title:	Replace 1 Ton Dump Rack Body Truck #29
Contact:	Jay Perkins
Phone:	778 - 0591 ext. 163
e-Mail:	jperkins@town.exeter.nh.us

Priority (1 of 8, etc.):	2 of 4
Estimated Total Cost:	$ 48,813
Estimated Useful Life (Years):	8
Previously Presented? (Yes/No)	Yes
When (Please give year):	2011
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☐ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☐ Improved Efficiency/Procedures
- ☐ Other-Explain
- ☐ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☐ Water/Sewer System Improvements

General project description: This one ton utilty dump truck is used daily by the Highway Department. The truck is used for general day to day road construction and maintenance. The truck gets heavy use in extreme conditions. This unit has 105,418 miles and is going to need major rust repair to keep in service. The cab mounts, floor boards, and rocker panels are heavily rusted, and the cross supports on the body are in danger of rusting through. Also due to the high miles and heavy use, the drive train is severely worn.

Rationale: This truck is a 2001 and is depended on by the Highway Department for day to day use for all Highway projects; it was scheduled for replacement in 2009 and has passed its useful life by 4 years; truck will be 13 years old at the time of replacement

Operating budget impact: ? The price was developed from the NH State bid from 2013 + 4.5% inflation rate; price includes $1,000 for updated two-way radio for the vehicle. Current vehicle has 105,418 miles; This price does not reflect a trade.

Item to be Replaced:

Make/ Model	Chevy 3500
Year	2001
FY 12 Maintenance Cost	$4,537
FY 11 Maintenance Cost	
Life-to-Date Maintenance Cost	

Use of Requested Item:

Useful Life in Years	8
Weeks per Year	52
Average Days per Week	5
Average Hours per Day	8
Vehicle Point Score	33

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Vehicle Costs	48,813						48,813
Equipment Cost							-
Other Cost							-
Trade Value (show as negative)	-	-	-	-	-	-	-
Totals	48,813	-	-	-	-	-	48,813
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☑ General Fund (tax rate)
- ☐ Water Fund (user fees)
- ☐ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

D9

Town of Exeter
Vehicle Replacement Guidelines

Department:	Highway						Date:	May 20, 2013
Vehicle Name or Number:	Truck #29						Fuel Type:	Gas
Vehicle Registration:			2001 Chevy 3500 Rack Body					
VIN #	1GBJC341X1E323416							
Vehicle Category	*Recommended Replacement Years/Miles*	*Age*	*Miles/Hours Nearest 10,000*	*Type of Service*	*Reliability*	*Maintenace & Repairs Costs*	*Condition Interior/Exterior*	*Total Points*
Medium Trucks 1-Tons & Ambulances	7 or 100,000	12	10	3	2	2	4	33

Age: 1 point for each year of chronlogical age, based on in-service date

Miles/Hours: 1 point for each 10,000 miles or 750 hours

Type of Service: 1, 3, or 5 points are assigned based on type of service
1 point for Department Heads & Commuter use
3 points for meduim duty, ambulances, parks & rec, service vehicles
5 points for rough duty, plows, fire engines,etc...

Reliability: Points are assigned depending on the frequency that a vehicle is in the shop for repair
1 point for a vehicle in the shop once every 3 months for Preventive Maint
2 points for a vehicle in the shop once every 2 or 3 months
3 points for a vehicle in the shop each month for repairs
4 points for a vehicle in the shop twice a month for repairs
5 points for a vehicle in the shop 3 or more times a month

Maintenance & Repair Costs: Points are assigned based on total life Maintenance & Repair costs
1 point for maintenance & repair costs totalling 20% of original purchase cost
2 points for maintenance & repair costs totalling 40% of original purchase cost
3 points for maintenance & repair costs totalling 60% of original purchase cost
4 points for maintenance & repair costs totalling 80% of original purchase cost
5 points for maintenance & repair costs totalling 100% or greater of original purchase cost

Condition: This category takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc...
1 point for like new condition
2 points for excellent condition
3 points for good condition
4 points for fair/average condition
5 points for poor condition (Not Inspectable)

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Public Works - Water
Project Title:	Replacement of Loader/Backhoe #53
Contact:	Michael Jeffers
Phone:	778 - 0591 ext. 165
e-Mail:	mjeffers@town.exeter.nh.us

Priority (1 of 8, etc.):	1 of 6
Estimated Total Cost:	$ 170,379
Estimated Useful Life (Years):	12
Previously Presented? (Yes/No)	Yes
When (Please give year):	2010
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☐ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☑ Improved Efficiency/Procedures
- ☐ Other-Explain
- ☐ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? Replace the existing Water & Sewer John Deere Backhoe #53. This John Deere Backhoe was originally purchased in 2000 for $74,500 after $17,500 trade-in. The recommended useful life is 12 years according to the Town of Exeter Vehicle Replacement Schedule (VRS), and is currently scheduled for replacement, but has been delayed 2 years due to the backhoe's good condition. Although the backhoe repairs have been routine maintenance, major repairs in 2010 for $4,404 and 2012 for $6,079 are indications that more major repairs will be necessary to ensure proper working function. The repairs in 2012 worked for a while, but the same piece is now leaking hydraulic fluid again, and requires speedy-dri to keep the road protected from the hydraulic fluid puddle. The variety of uses of this backhoe makes it an essential piece of the fleet that the Town of Exeter can't afford to have malfunction at critical moments.

2. Rationale? This vehicle is the main Water & Sewer Vehicle used during everyday activities, water & sewer breaks.

3. Operating Budget Impact? The price is an estimated price; DPW has contacted a vendor to begin discussions on new purchase and trade-in prices; Current vehicle has 7090 hours; This price does not reflect a trade

Item to be Replaced:	
Make/ Model	JD Backhoe
Year	2000
FY 12 Maintenance Cost	$6,079
FY 11 Maintenance Cost	$927
Life-to-Date Maintenance Cost	$24,928

Use of Requested Item:	
Useful Life in Years	12
Weeks per Year	52
Average Days per Week	4
Average Hours per Day	5
Vehicle Point Score	35

Capital Cost:	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Total
Vehicle Costs	170,379						170,379
Equipment Cost							-
Other Cost							-
Trade Value (show as negative)	-	-	-	-	-	-	-
Totals	170,379	-	-	-	-	-	170,379
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☑ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

G3

Town of Exeter
Vehicle Replacement Guidelines

Department:	Water & Sewer						Date:	May 20, 2013
Vehicle Name or Number:	Backhoe #53						Fuel Type:	DIESEL
Vehicle Registration:			2000 John Deere Backhoe Loader					
VIN #	T0410EX888064							
Vehicle Category	*Recommended Replacement Years/Miles*	*Age*	*Miles/Hours Nearest 10,000*	*Type of Service*	*Reliability*	*Maintenace & Repairs Costs*	*Condition Interior/Exterior*	*Total Points*
Heavy Equipment Loaders, Sweepers, Snow Blowers	12 or 100,000	13	9	5	2	2	4	35

Age: 1 point for each year of chronlogical age, based on in-service date

Miles/Hours: 1 point for each 10,000 miles or 750 hours

Type of Service: 1, 3, or 5 points are assigned based on type of service
1 point for Department Heads & Commuter use
3 points for meduim duty, ambulances, parks & rec, service vehicles
5 points for rough duty, plows, fire engines,etc...

Reliability: Points are assigned depending on the frequency that a vehicle is in the shop for repair
1 point for a vehicle in the shop once every 3 months for Preventive Maint
2 points for a vehicle in the shop once every 2 or 3 months
3 points for a vehicle in the shop each month for repairs
4 points for a vehicle in the shop twice a month for repairs
5 points for a vehicle in the shop 3 or more times a month

Maintenance & Repair Costs: Points are assigned based on total life Maintenance & Repair costs
1 point for maintenance & repair costs totalling 20% of original purchase cost
2 points for maintenance & repair costs totalling 40% of original purchase cost
3 points for maintenance & repair costs totalling 60% of original purchase cost
4 points for maintenance & repair costs totalling 80% of original purchase cost
5 points for maintenance & repair costs totalling 100% or greater of original purchase cost

Condition: This category takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc...
1 point for like new condition
2 points for excellent condition
3 points for good condition
4 points for fair/average condition
5 points for poor condition (Not Inspectable)

Town of Exeter, New Hampshire
2014 - 2019 CIP Vehicle/Equipment Request

Date Submitted: May 20, 2013
Year Funding is Requested: 2014

Department:	Public Works - Water
Project Title:	Replace 1/2 Ton Truck #3
Contact:	Michael Jeffers
Phone:	778 - 0591 ext. 165
e-Mail:	mjeffers@town.exeter.nh.us

Priority (1 of 8, etc.):	2 of 6
Estimated Total Cost:	$ 17,942
Estimated Useful Life (Years):	8
Previously Presented? (Yes/No)	Yes
When (Please give year):	2010
Growth Related? (Yes/No):	No

Request Results from ("√" all that apply)

- ☑ Schedule Replacement
- ☐ Present Equipment Obsolete
- ☑ Replace Worn-Out Equipment
- ☐ Expanded Services
- ☐ New Operation
- ☑ Improved Efficiency/Procedures
- ☐ Other-Explain
- ☐ Deemed Critical by Department

PROJECT DESCRIPTION, RATIONAL & OPERATING BUDGET IMPACT

Proposed ("√" all that apply) ☐ Building Renovation, Addition, New Construction ☑ Equipment New/Replacement ☐ Real Property Acquisition ☐ Road Improvements ☑ Water/Sewer System Improvements

1. General Project Description? Replace the existing Water & Sewer vehicle Truck #3. This truck was originally purchased in 2002 for $11,962 after $3,700 trade-in. The recommended useful life is 8 years according to Town of Exeter Vehicle Replacement Schedule (VRS), and is currently delayed by 3 years. The vehicle repairs have been routine, with one major repair in 2010 for $2,218.

2. Rationale? This vehicle is the main Water & Sewer vehicle used during everyday activities, water & sewer breaks, travelling to classes, and other miscellaneous activities/duties within the Water & Sewer Department.

3. Operating Budget Impact? The price was developed from the NH State bid from 2013 + 4.5% inflation rate + costs for strobe lights, miscelaneous parts, and radio ($2,000). Current vehicle has 80,160 miles; miles per gallon: (V6 & 4 X 2)-16 city/ 22 highway and (V8 & 4 X 2)-13 city/ 18 highway; (V6 & 4 X 4)-15 city/ 21 highway and (V8 & 4 X 4)-12 city/ 16 highway. This price does not reflect a trade.

Item to be Replaced:	
Make/ Model	Chevy 1/2 Ton
Year	2002
FY 12 Maintenance Cost	$1,450
FY 11 Maintenance Cost	$579
Life-to-Date Maintenance Cost	$7,642

Use of Requested Item:	
Useful Life in Years	8
Weeks per Year	52
Average Days per Week	5
Average Hours per Day	5
Vehicle Point Score	31

Capital Cost:	**FY 14**	**FY 15**	**FY 16**	**FY 17**	**FY 18**	**FY 19**	**Total**
Vehicle Costs	17,942						17,942
Equipment Cost							-
Other Cost							-
Trade Value (show as negative)	-	-	-	-	-	-	-
Totals	17,942	-	-	-	-	-	17,942
Operating Budget Impact:							
Salaries/Wages							-
Fringe Benefits							-
Contracted Services							-
Expenses							-
Other Cost	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	-

Proposed Funding Source

- ☐ General Fund (tax rate)
- ☑ Water Fund (user fees)
- ☑ Sewer Fund (user fees)
- ☐ Capital Reserve Fund
- ☐ Impact Fee Account
- ☐ Other (Grants, Special Assessment)

G4

Town of Exeter
Vehicle Replacement Guidelines

Department:	Water & Sewer						Date:	May 20, 2013
Vehicle Name or Number:	Truck #3						Fuel Type:	GAS
Vehicle Registration:			2002 Ford F-150 Pickup					
VIN #	1FTRF17222KD03131							
Vehicle Category	***Recommended Replacement Years/Miles***	***Age***	***Miles/Hours Nearest 10,000***	***Type of Service***	***Reliability***	***Maintenace & Repairs Costs***	***Condition Interior/Exterior***	***Total Points***
Passenger Vehicles & Light Trucks, 4x2 & 4x4 Police Sedans, SUV's	6 and 75,000 or any year and 100,000 miles	11	8	3	2	3	4	31

Age: 1 point for each year of chronlogical age, based on in-service date

Miles/Hours: 1 point for each 10,000 miles or 750 hours

Type of Service: 1, 3, or 5 points are assigned based on type of service
1 point for Department Heads & Commuter use
3 points for meduim duty, ambulances, parks & rec, service vehicles
5 points for rough duty, plows, fire engines,etc...

Reliability: Points are assigned depending on the frequency that a vehicle is in the shop for repair
1 point for a vehicle in the shop once every 3 months for Preventive Maint
2 points for a vehicle in the shop once every 2 or 3 months
3 points for a vehicle in the shop each month for repairs
4 points for a vehicle in the shop twice a month for repairs
5 points for a vehicle in the shop 3 or more times a month

Maintenance & Repair Costs: Points are assigned based on total life Maintenance & Repair costs
1 point for maintenance & repair costs totalling 20% of original purchase cost
2 points for maintenance & repair costs totalling 40% of original purchase cost
3 points for maintenance & repair costs totalling 60% of original purchase cost
4 points for maintenance & repair costs totalling 80% of original purchase cost
5 points for maintenance & repair costs totalling 100% or greater of original purchase cost

Condition: This category takes into consideration body condition, rust, interior condition, accident history, anticipated repairs, etc...
1 point for like new condition
2 points for excellent condition
3 points for good condition
4 points for fair/average condition
5 points for poor condition (Not Inspectable)