

***Town of Derry, New Hampshire  
Capital Improvements Plan***



***FY2019 - FY2024***

***Prepared by the Town Administrator's Capital Improvement Planning Committee***

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**Table of Contents**

Introduction .....3

Financing Methods.....5

Identification of Departmental Capital Needs.....6

Priority System.....6

Summary of All Municipal Capital Projects.....7

Financing Plan for CIP Municipal Projects.....8

Net Tax Impact Analysis (Municipal Government) -

Current Debt Schedule.....10

CIP by Department/Project.....12

    Police Department.....12

    Fire Department.....13

    Public Works Department.....16

    Water Division.....18

    Wastewater Division.....19

    Administration, including IT.....20

    Cable Division.....21

    Expendable Maintenance Trust – Buildings & Grounds.....22

Listing and Discussion of Projects By Priority.....24

Exit 4A and Capital Reserve/Expendable Maintenance Trust.....27

Capital Reserve Fund Analysis.....28

Conclusions & Recommendations.....34

Appendix A: Section 9.8 Town Charter.....35

Appendix B: Town Council Fund Balance Policy.....37

## Introduction

The preparation and adoption of a Capital Improvements Plan (CIP) is an important part of Derry's budget process. A CIP aims to recognize and resolve deficiencies in existing public facilities and anticipate and plan for future demand for capital facilities. A CIP is a multi-year schedule that lays out a series of municipal projects and their associated costs. Over the six-year period considered by the CIP, it shows how the Town should plan to expand or renovate facilities and services to meet the demands of existing or new population and businesses.

A CIP is an **advisory document** that can serve many purposes, among them to:

- Guide the Town Council in the annual budgeting process;
- Contribute to stabilizing the Town's real property tax rate;
- Aid the prioritization, coordination, and sequencing of various municipal improvements;
- Inform residents, business owners, and developers of planned improvements.

*Although the CIP is a planning document and advisory in nature, it does serve a critical purpose to help identify capital needs and, equally important, requires the Town to identify the source of funding to pay for equipment and projects. Historically, virtually all major capital expenditures have been funded with Capital Reserve Funds, which are replenished through transfers from the Unallocated Fund Balance (UFB) in accordance with Town Council policy.*

*The Council's policy limits the amount of transfer to \$1.5M annually; a review of past transfer amounts confirms that dependency on UFB to fund the Town's capital needs is unpredictable. However, until the Town can develop additional revenue sources and transition some funding away from reliance upon UFB, that's the mechanism which is currently available, and the CIP should reflect that fact.*

*This plan is built upon a conservative estimate of \$750,000 available annually for transfer into Capital Reserve Funds. As the first \$650,000 of available UFB is earmarked for tax rate stabilization, the Town's general fund will need to generate \$1.4M between excess revenues and unexpended appropriations to meet this target. At this level of investment, the amount of funds available is insufficient to meet the capital needs of the Town, which will result in the operation of unreliable equipment with resultant decreases in efficiencies and safety.*

*In certain years the amount available will exceed estimates; when that occur, the CIP should be reworked to accelerate capital acquisitions which better reflect the true needs of the organization.*

Information contained in this report was submitted to the Committee from the various town

Departments and Boards and Committees that supplied information on their projects. Although this Capital Improvements Plan spans a six-year planning horizon the Plan is updated annually to reflect changing demands, new needs, and regular assessment of priorities.

This document contains those elements required by law to be included in a Capital Improvements Plan. The Derry Capital Improvement Planning Committee has prepared this report under the authority of the Town Administrator pursuant to Section 9.8 of the Town Charter.

For purposes of the CIP, a “capital project” is defined as a tangible project or asset having a cost of at least \$100,000 and a useful life of at least five years or funded from capital reserve funds. Eligible items include new buildings or additions, land purchases, studies, substantial road improvements and purchases of major vehicles and equipment. To provide the Town Council with all pertinent information, items such as building repairs and equipment purchases should be combined, which usually results in exceeding the \$100,000 threshold. Operating expenditures for personnel and other general costs are not included. Expenditures for maintenance or repair are generally not included unless the cost or scope of the project is substantial enough to increase the level of a facility improvement.

## Financing Methods

In the project summaries below, there are several different financing methods used. Four methods require appropriations, either as part of the Town's annual operating budget or as independent warrant articles at Town Meeting.

The **1-Year Appropriation (GF)** refers to those projects proposed to be funded by the general fund within a single fiscal year.

The **Capital Reserve (CRF)** method requires appropriations over more than one year, with the actual project being accomplished only when the total appropriations meet the project cost.

**Lease/Purchase (LP)** method has been used by the Fire Department and other departments for the purchase of major vehicles.

**Bonds (BD)** are generally limited to the most expensive capital projects, such as major renovations, additions, or new construction of municipal buildings or facilities, and allow capital facilities needs to be met immediately while spreading out the cost over many years in the future.

**Grants (GR)** are also utilized to fund capital projects; typically, grants will cover a portion of the overall project cost, and the Town is responsible for the remaining percentage of the project cost.

**Tax Increment Financing (TIF)** TIF Districts allow the Town to use increases in valuation of property to directly pay off bonds for infrastructure improvements and capital projects within a defined district. TIF Districts are set up and administered according to NH RSA 162-K.

**Access Fee (AF)** refers to money collected from users of a systems, dedicated to ongoing maintenance of town-wide infrastructure.

Lastly, the Town can take advantage of **Public/Private Partnerships**, where a private organization shares the costs of funding a capital project.

## **Identification of Departmental Capital Needs**

The Derry CIP Committee collects forms from Department Heads and Committee Chairs to identify potential capital needs and provide descriptions for the project requests. Forms are tailored by the CIP Committee to generate information that defines the relative need and urgency for projects and enables long-term monitoring of a project's useful life and returns.

After written descriptions of potential capital projects are submitted, department along with a representatives from the Town Council and Planning Board meet as the CIP Committee to review and explain their capital needs and priorities and to explore alternative approaches available to achieve the optimum level of capital needs and improvements.

The CIP Committee evaluates requests submitted from Department Heads, Boards & Committees, and assigns them to the 6-year schedule according to the priority of all capital requests. The following pages describe each of the requests that have been placed in the 6-year CIP program, and include: spreadsheets of the schedule, funding sources, tax impacts, and other required information.

## **Priority System**

### **Priority 1 – Urgent**

Cannot Be Delayed: Needed immediately for health & safety

### **Priority 2 - Necessary**

Needed within 3 years to maintain basic level & quality of community services.

### **Priority 3 - Desirable**

Needed within 4-6 years to improve quality or level of services.

### **Priority 4 - Deferrable**

Can be placed on hold until after 6 year scope of current CIP, but supports community development goals.

### **Priority 5 - Premature**

Needs more research, planning & coordination

### **Priority 6 - Inconsistent**

Contrary to land-use planning or community development goals.

**TOWN OF DERRY**  
**SUMMARY OF ALL CAPITAL PROJECTS (TOTAL PROJECT COSTS) FY 2019- 2024**

Department/Project	COST	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL
<b>PUBLIC WORKS</b>									
Highway / Buildings and Grounds	\$10,770,000	\$720,000	\$2,100,000	\$2,075,000	\$1,975,000	\$1,490,000	\$1,600,000	\$1,530,000	\$10,770,000
Cemetery	\$110,000	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$110,000
Code Enforcement	\$35,000	\$0	\$0	\$35,000	\$0	\$0	\$0	\$0	\$35,000
Transfer Station	\$325,000	\$152,000	\$125,000	\$75,000	\$50,000	\$75,000	\$0	\$0	\$325,000
Vehicle Maintenance	\$40,000	\$0	\$40,000	\$0	\$0	\$0	\$0	\$0	\$40,000
Parks and Recreation	\$310,000	\$178,001	\$110,000	\$0	\$165,000	\$0	\$35,000	\$0	\$310,000
Highway Sub-Total	\$11,590,000	\$1,050,001	\$2,485,000	\$2,185,000	\$2,190,000	\$1,565,000	\$1,635,000	\$1,530,000	\$11,590,000
<b>FIRE DEPARTMENT</b>									
Fire Equipment / Personal Protection	\$660,000	\$0	\$0	\$510,000	\$60,000	\$35,000	\$35,000	\$20,000	\$660,000
Apparatus and Vehicles	\$3,250,000	\$400,000	\$805,000	\$0	\$1,275,000	\$130,000	\$750,000	\$290,000	\$3,250,000
EMS / Training Equipment	\$128,000	\$0	\$32,000	\$38,000	\$0	\$38,000	\$0	\$20,000	\$128,000
Communication / Station	\$692,496	\$150,548	\$110,853	\$229,143	\$300,000	\$0	\$0	\$52,500	\$692,496
Emergency Management	\$172,000	\$0	\$74,000	\$23,000	\$75,000	\$0	\$0	\$0	\$172,000
Fire Sub-Total	\$4,902,496	\$550,548	\$1,021,853	\$800,143	\$1,710,000	\$203,000	\$785,000	\$382,500	\$4,902,496
<b>POLICE DEPARTMENT</b>									
Various Police Projects	\$1,036,354	\$0	\$298,341	\$367,938	\$0	\$0	\$370,075	\$0	\$1,036,354
Police Sub-Total	\$1,036,354	\$0	\$298,341	\$367,938	\$0	\$0	\$370,075	\$0	\$1,036,354
<b>GENERAL GOVERNMENT</b>									
Police and Fire Communications System	\$0	\$1,610,012	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Information Technology	\$384,000	\$48,000	\$113,000	\$35,000	\$0	\$130,000	\$106,000	\$0	\$384,000
Expendable Maintenance Trust - Bldgs. & Grounds	\$713,000	\$230,731	\$23,000	\$505,000	\$0	\$25,000	\$80,000	\$80,000	\$713,000
Exit 4A Construction	\$1,972,289	\$0	\$0	\$1,972,289	\$0	\$0	\$0	\$0	\$1,972,289
Sub-Total - General Govt	\$3,069,289	\$1,888,743	\$136,000	\$2,512,289	\$0	\$155,000	\$186,000	\$80,000	\$3,069,289
Grand Total - Town Projects	\$20,598,139	\$3,489,292	\$3,941,194	\$5,865,370	\$3,900,000	\$1,923,000	\$2,976,075	\$1,992,500	\$20,598,139
<b>Summary - ALL CAPITAL PROJECTS</b>									
General Fund Projects	\$20,598,139	\$3,489,292	\$3,941,194	\$5,865,370	\$3,900,000	\$1,923,000	\$2,976,075	\$1,992,500	\$20,598,139
Water Enterprise Fund Projects	\$9,431,000	\$258,001	\$1,281,000	\$7,025,000	\$375,000	\$250,000	\$250,000	\$250,000	\$9,431,000
Wastewater Enterprise Fund Projects	\$6,013,000	\$295,000	\$0	\$200,000	\$0	\$138,000	\$525,000	\$5,150,000	\$6,013,000
Cable Department Projects	\$621,000	\$157,000	\$207,000	\$205,000	\$117,000	\$92,000	\$0	\$0	\$621,000
<b>TOTAL - ALL CAPITAL PROJECTS</b>	<b>\$36,663,139</b>	<b>\$4,199,293</b>	<b>\$5,429,194</b>	<b>\$13,295,370</b>	<b>\$4,392,000</b>	<b>\$2,403,000</b>	<b>\$3,751,075</b>	<b>\$7,392,500</b>	<b>\$36,663,139</b>

**FINANCING PLAN FOR CIP MUNICIPAL PROJECTS FY2019 - 2024**

DEPARTMENT	CAPITAL PROJECT	COST	SOURCES OF	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
<b>HIGHWAY</b>											
Highway / Buildings and Grounds		\$10,770,000	Project Cost	\$720,000	\$2,100,000	\$2,075,000	\$1,975,000	\$1,490,000	\$1,600,000	\$1,530,000	
			Bridge Improvement Fund								
			Taxation		-\$85,000	-\$400,000					
			Capital Reserve Fund - Lease	-\$720,000	-\$565,000	-\$225,000	-\$1,450,000	-\$1,450,000	-\$1,450,000	-\$1,450,000	-\$1,450,000
			Net Payout ( Annual Debt Pmts)	\$0	\$182,567	\$229,367	\$313,266	\$321,585	\$313,040	\$212,160	
Cemetery		\$110,000	Project Cost		\$110,000						
			Capital Reserve Fund - Lease		-\$110,000						
			Net Payout ( Annual Debt Pmts)		\$29,421	\$29,421	\$26,876	\$26,877	\$22,880		
Code Enforcement		\$35,000	Project Cost			\$35,000					
			Capital Reserve Fund - Lease			-\$35,000					
			Net Payout ( Annual Debt Pmts)			\$7,280	\$7,280	\$7,280	\$7,280	\$7,280	
Transfer Station		\$325,000	Project Cost	\$152,000	\$125,000	\$75,000	\$50,000	\$75,000			
			Capital Reserve Fund - Lease	-\$152,000	-\$125,000	-\$75,000	-\$50,000	-\$75,000			
			Net Payout ( Annual Debt Pmts)	\$0	\$74,831	\$90,431	\$81,838	\$94,437	\$67,600	\$41,600	
Vehicle Maintenance		\$40,000	Project Cost		\$40,000						
			Capital Reserve Fund		-\$40,000						
			Net Payout		\$0						
Parks and Recreation		\$310,000	Project Cost	\$178,001	\$110,000		\$165,000		\$35,000		
			Capital Reserve Fund - Lease	-\$178,001	-\$110,000		-\$165,000		-\$35,000		
			Net Payout ( Annual Debt Pmts)	\$0	\$22,880	\$22,880	\$57,200	\$57,200	\$64,480	\$41,600	
Water (All from Enterprise Fund)		\$9,431,000	Project Cost	\$258,001	\$1,281,000	\$7,025,000	\$375,000	\$250,000	\$250,000	\$250,000	
			State Loan Fund		-\$1,031,000	-\$6,640,000					
			Offsetting Revenue	-\$258,001	-\$250,000	-\$385,000	-\$375,000	-\$250,000	-\$250,000	-\$250,000	
			Net Payout (Loan Pmts)	\$0	\$128,875	\$1,504,098	\$1,502,255	\$1,471,663	\$1,441,070	\$1,410,478	
Wastewater (All from Enterprise Fund / CRF)		\$6,013,000	Project Cost	\$295,000		\$200,000		\$138,000	\$525,000	\$5,150,000	
			Offsetting Revenue			-\$200,000		-\$138,000	\$0	\$0	
			State Loan Fund							-\$5,150,000	
			Capital Reserve Funds - Lease	-\$295,000		\$0		\$0	-\$525,000	\$0	
			Net Payout (Loan/Lease Pmts)	\$0		\$0		\$0	\$118,125	\$759,250	
<b>Total Public Works:</b>		<b>\$27,034,000</b>									
<b>FIRE DEPARTMENT</b>											
Prevention and Emergency Services		\$660,000	Project Cost		\$0	\$510,000	\$60,000	\$35,000	\$35,000	\$20,000	
			Grant		\$0	-\$459,000	\$0	\$0	\$0	\$0	
			Capital Reserve Funds		\$0	-\$51,000	-\$60,000	-\$35,000	-\$35,000	-\$20,000	
			Net Payout		\$0	\$0	\$0	\$0	\$0	\$0	
Apparatus and Vehicles		\$3,250,000	Project Cost	\$400,000	\$805,000	\$0	\$1,275,000	\$130,000	\$750,000	\$290,000	
			Capital Reserve Fund - Lease	-\$400,000	-\$805,000	\$0	-\$1,275,000	-\$130,000	-\$750,000	-\$290,000	
			Net Payout (Annual Debt Pmts)	\$0	\$109,433	\$107,567	\$286,700	\$495,990	\$349,353	\$591,760	



**FINANCING PLAN FOR CIP MUNICIPAL PROJECTS FY2019 - 2024**

DEPARTMENT	CAPITAL PROJECT	COST	SOURCES OF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
DEPARTMENT	EMS Equipment	\$128,000	Project Cost		\$32,000	\$38,000	\$0	\$38,000	\$0	\$20,000	
			Capital Reserve Funds		-\$32,000	-\$38,000	\$0	-\$38,000	\$0	-\$20,000	
			Net Payout		\$0	\$0	\$0	\$0	\$0	\$0	
DEPARTMENT	Communications / Station	\$692,496	Project Cost	\$150,548	\$110,853	\$229,143	\$300,000	\$0	\$0	\$52,500	
			Capital Reserve Funds		-\$150,548	-\$110,853	-\$229,143	-\$300,000	\$0	\$0	-\$52,500
			Net Payout		\$0	\$0	\$0	\$0	\$0	\$0	\$0
DEPARTMENT	Emergency Management	\$172,000	Project Cost		\$74,000	\$23,000	\$75,000				
			Grant / Operating		-\$74,000	-\$23,000	-\$75,000				
			Net Payout		\$0	\$0	\$0				
<b>Total Fire:</b>		<b>\$4,902,496</b>									
<b>POLICE DEPARTMENT</b>											
POLICE DEPARTMENT	Various Police Projects	\$738,013	Project Cost			\$367,938				\$370,075	
			Taxation - Lease			-\$367,938				-\$370,075	
			Net Payout			\$130,005	\$127,552	\$125,099	\$130,760	\$128,293	
POLICE DEPARTMENT	Various Police Projects	\$298,341	Project Cost		\$298,341						
			Capital Reserve Fund		-\$286,179						
			Grant		-\$12,162						
Net Payout		\$0									
<b>Total Police:</b>		<b>\$1,036,354</b>									
<b>GENERAL GOVERNMENT</b>											
GENERAL GOVERNMENT	Police and Fire Communications System <i>PD Share (59%) = \$949,907.08</i> <i>FD Share (41%) = \$660,104.92</i>	\$0	Project Cost		\$0						
			Capital Reserve Fund - Lease		-\$1,610,012						
			Net Payout (Debt Pmts)		\$14,489	\$189,980	\$187,082	\$184,184	\$181,286	\$178,388	
GENERAL GOVERNMENT	Information Technology	\$384,000	Project Cost	\$48,000	\$113,000	\$35,000		\$130,000	\$106,000		
			Capital Reserve Fund		-\$48,000	-\$113,000	-\$35,000		-\$130,000	-\$106,000	
			Net Payout		\$0	\$0	\$0		\$0	\$0	
GENERAL GOVERNMENT	Cable Department (All from Cable Fund Balance)	\$621,000	Project Cost	\$157,000	\$207,000	\$205,000	\$117,000	\$92,000			
			Offsetting Revenue		-\$157,000	-\$207,000	-\$205,000	-\$117,000	-\$92,000		
			Net Payout		\$0	\$0	\$0	\$0	\$0		
GENERAL GOVERNMENT	Exit 4A	\$1,972,289	Project Cost			\$1,972,289					
			GO Bond - Taxation			-\$1,972,289					
			Net Payout (Debt Pmts)			\$246,536	\$241,605	\$236,675	\$231,744	\$226,813	
GENERAL GOVERNMENT	Expendable Maintenance Trust	\$713,000	Project Cost	\$76,300	\$23,000	\$505,000	\$0	\$25,000	\$80,000	\$80,000	
			Exp Maint Trust Fund		-\$76,300						
			Net Payout		\$0						
<b>Total General Government:</b>		<b>\$3,690,289</b>									
<b>MUNICIPAL GOV'T</b>		<b>\$36,663,139</b>									

**NET TAX IMPACT ANALYSIS  
MUNICIPAL GOVT  
CURRENT DEBT SCHEDULE**

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>MUNICIPAL GOVERNMENT</b>							
<b>General Fund Only - Bonds</b>							
Principle	635,000	615,000	577,500	482,500	327,500	325,000	322,500
Interest	147,517	112,867	95,860	80,200	69,425	61,380	53,340
<b>Total Debt Pmts</b>	<b>\$782,517</b>	<b>\$727,867</b>	<b>\$673,360</b>	<b>\$562,700</b>	<b>\$396,925</b>	<b>\$386,380</b>	<b>\$375,840</b>
<b>General Fund Only - Lease</b>							
Principle	670,318	521,999	487,890	275,467	279,603	0	0
Interest	32,247	23,985	15,802	8,334	4,198	0	0
<b>Total Debt Pmts</b>	<b>\$702,565</b>	<b>\$545,984</b>	<b>\$503,692</b>	<b>\$283,801</b>	<b>\$283,801</b>	<b>\$0</b>	<b>\$0</b>
<b>Annual Bond/Lease Payments</b>	<b>\$1,485,082</b>	<b>\$1,273,851</b>	<b>\$1,177,052</b>	<b>\$846,501</b>	<b>\$680,726</b>	<b>\$386,380</b>	<b>\$375,840</b>
Net Tax Impact	\$0.53	\$0.45	\$0.41	\$0.29	\$0.23	\$0.13	\$0.13
<b>Debt Schedule as Proposed in CIP (GF Only)</b>	<b>\$220,994</b>	<b>\$433,621</b>	<b>\$1,053,467</b>	<b>\$1,329,399</b>	<b>\$1,549,327</b>	<b>\$1,368,423</b>	<b>\$1,243,084</b>
<b>Proposed Debt Schedule</b>	<b>\$1,706,076</b>	<b>\$1,707,472</b>	<b>\$2,230,519</b>	<b>\$2,175,900</b>	<b>\$2,230,053</b>	<b>\$1,754,803</b>	<b>\$1,618,924</b>
Pay as you go - Capital Reserve Fund	\$702,565	\$2,381,032	\$821,081	\$2,190,000	\$413,000	\$1,414,075	\$390,000
Pay as you go - Operating	\$1,450,000	\$1,450,000	\$1,580,005	\$1,577,552	\$1,575,099	\$1,580,760	\$1,578,293
Pay as you go - Grants	\$0	\$47,162	\$482,000	\$75,000			
Pay as you go - Other Funds	\$710,001	\$1,488,000	\$7,430,000	\$492,000	\$480,000	\$775,000	\$5,400,000

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>Capital Reserve Funds:</b>							
<b>Contributions:</b>							
Police							
Fire							
DPW							
Wastewater							
Information Technology							
<b>Total CRFs</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Tax Impact	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Expendable Maint Trust Fund	\$230,731	\$0	\$0	\$0	\$0	\$0	\$0
<b>Revenue Offsets:</b>							
Capital Reserve Funds	\$702,565	\$2,381,032	\$821,081	\$2,190,000	\$413,000	\$1,414,075	\$390,000
Other Funds	\$710,001	\$1,488,000	\$7,430,000	\$492,000	\$480,000	\$775,000	\$5,400,000
Other Funds - Grants	\$0	\$47,162	\$482,000	\$75,000	\$0	\$0	\$0
Other (UFB)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Revenue Offsets:</b>	\$1,412,566	\$3,916,194	\$8,733,081	\$2,757,000	\$893,000	\$2,189,075	\$5,790,000
<b>Total Municipal Capital Outlay</b>	\$3,156,076	\$3,110,310	\$3,328,524	\$3,678,452	\$3,805,152	\$3,335,563	\$3,197,217
Net Tax Impact	\$1.12	\$1.10	\$1.17	\$1.28	\$1.31	\$1.14	\$1.08
<b>Tax Base</b>	\$2,810,913,612	\$2,833,400,921	\$2,856,068,128	\$2,878,916,673	\$2,901,948,007	\$2,925,163,591	\$2,948,564,899
<b>Note: Tax base for FY 2017 from 11/2016 Tax Rate Calculation</b>							

TOWN OF DERRY, NH

Six Year Capital Improvement Plan

Fiscal Years 2018 - 2023

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>POLICE</b>										
Marked Cruiser Replacement Program (Ford Interceptor)	Purchase or lease marked fleet every three years. Year 1 - Year 3	387,460	Lease/Operating Budget			367,938			370,075	
Speed Collection Project	Expansion of equipment to assist in collecting vehicle speeds.	24,324	Capital Reserve Fund / Grant		24,324					
Taser Replacement Project	Replacement EOL equipment	82,840	Capital Reserve Fund		82,840					
AED Replacement Project	Replace aged AED's that are no longer covered by warranty	15,704	Capital Reserve Fund		15,704					
Mobile Radios	Replace and upgrade system that reaches EOL in 2019	126,046	Capital Reserve Fund		126,046					
Marked Utility Vehicle (Pickup Truck)	Replace 13 year old pickup truck/ Utility Vehicle	49,427	Capital Reserve Fund		49,427					
<b>TOTAL POLICE</b>				<b>0</b>	<b>298,341</b>	<b>367,938</b>	<b>0</b>	<b>0</b>	<b>370,075</b>	<b>0</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>FIRE</b>										
<b>Prevention and Emergency Services</b>										
<b>Equipment and Personal Protection</b>										
Water rescue	Replace boat, ice, rapid water and water rescue equipment.	35,000	Capital Reserve Fund							
Thermal Imaging Cameras	Replace 5 thermal image cameras	70,000	Capital Reserve Fund					35,000	35,000	
Self-Contained Breathing Apparatus	Replace Self-Contained Breathing Apparatus (SCBA)	510,000	Grant / Capital Reserve Fund			510,000				
Portable Hazardous Materials Gas Monitoring Equipment	Replace 5 Multi-Gas Monitors (Oxygen, Carbon Monoxide, Hydrogen Sulfide, Flammable Gases, &	20,000	Capital Reserve Fund							20,000
Battery Powered Rescue Tools	Battery operated Cutter, Spreader, and Ram Tools	60,000	Capital Reserve Fund				60,000			
<b>Equipment &amp; PPE Sub-Totals</b>					<b>0</b>	<b>510,000</b>	<b>60,000</b>	<b>35,000</b>	<b>35,000</b>	<b>20,000</b>
<b>Apparatus and Vehicles</b>										
Ambulance replacement	Medic C '09 Chevy - Year 1 - Year 10	290,000	Lease - CRF							290,000
Ambulance replacement	Medic B '09 Chevy - Year 1 - Year 10	280,000	Lease - CRF				280,000			
Vehicle replacement	Command Vehicle '05 Chevy Suburban - Bundled Lease 5 Years	65,000	Lease - CRF					65,000		
Fire apparatus replacement	Engine 4 '00 Pierce - Year 1 - Year 10 Bundled	750,000	Lease - CRF						750,000	
Fire apparatus replacement	Engine 3 '01 Pierce - Year 1 - Year 10 Bundled (Move to FY25)	800,000	Lease - CRF	400,000						
Fire apparatus replacement	Replace Rescue 1, 2002 Ford F550 (Move to FY27)	500,000	Lease - CRF							
Forestry unit replacement	Forestry 1 '02 Ford F350 4X4	120,000	Lease - CRF							
Fire apparatus replacement	Replace Rescue Pumper Engine 2	750,000	Lease - CRF		750,000					
Fire apparatus replacement	Replace Tower Ladder Truck	995,000	Lease - CRF				995,000			
Vehicle replacement	Replace 2002 GMC 2500 w/plow	55,000	Lease - CRF		55,000					
Mechanic's vehicle replacement	M-1 '02 Chevrolet 2500HD 4X4	65,000	Lease - CRF					65,000		
Fire apparatus replacement	Tanker -Water Supply '91 Mack - Year 1 - Year 5	750,000	Lease - CRF							
<b>Apparatus and Vehicles Sub-Totals</b>				<b>400,000</b>	<b>805,000</b>	<b>0</b>	<b>1,275,000</b>	<b>130,000</b>	<b>750,000</b>	<b>290,000</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>EMS Equipment</b>										
Lucus Chest Compression System	Two (2) CPR assist devices - A safe and efficient tool that standardizes chest compressions in accordance with latest scientific guidelines	32,000	Capital Reserve Fund	286,050	32,000					
Cardiac monitor replacement	Cardiac Monitor. Replace outdated technology and to comply with American Heart Association ACLS guidelines	38,000	Capital Reserve Fund			38,000				
Medication Infusion Pumps	Replace four (4) units with outdated technology and to comply with American Heart Association ACLS guidelines and NH EMS protocols	38,000	Capital Reserve Fund					38,000		
Patient Movement Devices	Replace outdated patient movement devices such as Power Pro Stretchers and Stair Chairs for ambulances that are nearing end of expected useful life cycle	64,000	Capital Reserve Fund							\$20,000
<b>EMS / Training Equipment Sub-Totals</b>					<b>32,000</b>	<b>38,000</b>	<b>0</b>	<b>38,000</b>	<b>0</b>	<b>20,000</b>
<b>Prevention and Emergency Services Totals</b>				<b>286,050</b>	<b>837,000</b>	<b>38,000</b>	<b>1,275,000</b>	<b>168,000</b>	<b>750,000</b>	<b>310,000</b>
<b>Communications / Station</b>										
Replace mobile and portable radios	Replacement of Mobile and Portable Radios 6 (2 Dual Head.)	110,853	Capital Reserve Fund		110,853					
Replace portable radios	Replacement of Mobile and Portable Radios 6 (2 Dual Head.)	104,143	Capital Reserve Fund			104,143				
Fire Station Construction - Central	Increase square footage to meet current and future needs of the department									
Fire Department Training Facility	Technical training facility									
Replace Fire Station Alerting System	Fiber IP based alerting system. Current system is copper hard wired.	125,000	Capital Reserve Fund				125,000			
Town 100 MA Fire Alarm Notification System	Upgrade and Replace Form 4 System	25,000	Capital Reserve Fund				25,000			
Upgrade and Enhance Computer Aided Dispatch	Upgrade existing modules and purchase additional CAD/RMS modules to improve efficiency	150,000	Capital Reserve Fund				150,000			
Knox Box Decoder Replacement	Replace/add knox box decoder in each vehicle	30,000	Capital Reserve Fund							
Replace Radio Box Receivers	Replace 2 units that are at EOL	105,000	Capital Reserve Fund							52,500
<b>Communication/Station Totals</b>					<b>110,853</b>	<b>229,143</b>	<b>300,000</b>	<b>0</b>	<b>0</b>	<b>52,500</b>
<b>Prevention and Communications Total</b>					<b>947,853</b>	<b>1,772,143</b>	<b>1,575,000</b>	<b>168,000</b>	<b>750,000</b>	<b>362,500</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>Emergency Management</b>										
External Generator Connection - Critical Facilities	Enhance critical infrastructure resiliency by installing external generator connections to Municipal Center, Police Station, and Fire Stations 2,3,4.	75,000	Operating/(Fed/State Grant)				75,000			
Advisory AM Radio System Upgrade	Upgrade emergency alert AM radio system to VHF radio link and remove from cooper wire audio distribution. IP based audion control and flashing alert sign installation.	74,000	Operating/(Fed/State Grant)		74,000					
Communication and Radio	Mobile command vehicle radio upgrade	23,000	Operating/ (Fed/State Grant)			23,000				
<b>Emergency Management Totals</b>					<b>74,000</b>	<b>23,000</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>PUBLIC WORKS</b>										
<b>Highway</b>										
North Shore Road, Beaver Lake Culvert (Replace with bridge)	Existing 6' x 7.5' Steel Arch Culvert to be replaced with a rigid frame precast structure	485,000	Bridge Improvement Fund		85,000	400,000				
Pavement Management	Pavement management program	8,700,000	Operating		1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000
Sunset Ave - Culvert Replacement	Replace/upgrade existing culvert crossing with a precast concrete box culvert.	200,000	Capital Project Fund				200,000			
Hood Pond Dam Repair	NHDES mandated upgrades to spillway	400,000	Bond/BAN	400,000						
Vehicle Replacement Program	Ford F550 (Highway) 533B	20,000	Capital Reserve Fund	20,000						
Vehicle Replacement Program	Ford F550 Truck 563A	100,000	Capital Reserve Fund	100,000						
Vehicle Replacement Program	10 Ton Truck 574	200,000	Capital Reserve Fund	200,000						
Vehicle Replacement Program	Ford F350 Truck 554	40,000	Capital Reserve Fund		40,000					
Vehicle Replacement Program	Intl Lo-Pro Veh 559	110,000	Capital Reserve Fund		110,000					
Vehicle Replacement Program	Mack 10 Ton Truck (Highway) 575	225,000	Capital Reserve Fund			225,000				
Vehicle Replacement Program	F350 Truck 601	40,000	Capital Reserve Fund							40,000
Vehicle Replacement Program	F350 Truck 602	40,000	Capital Reserve Fund							40,000
Vehicle Replacement Program	Ford F350 Truck 550	40,000	Capital Reserve Fund					40,000		
Vehicle Replacement Program	Trackless MT5 Sidewalk Tractor 580	100,000	Capital Reserve Fund				100,000			
Vehicle Replacement Program	Sidewalk Plow 609	150,000	Capital Reserve Fund						150,000	
Vehicle Replacement Program	Ford F350 Truck 557A	180,000	Capital Reserve Fund		180,000					
Vehicle Replacement Program	Case Loader Veh 548	235,000	Capital Reserve Fund		235,000					
Vehicle Replacement Program	Mack 10 whl Truck 535A	225,000	Capital Reserve Fund				225,000			
<b>Highway Sub-Totals</b>				<b>720,000</b>	<b>2,100,000</b>	<b>2,075,000</b>	<b>1,975,000</b>	<b>1,490,000</b>	<b>1,600,000</b>	<b>1,530,000</b>
<b>Cemetery</b>										
Vehicle Replacement Program	Ford F350 (Cemetery) 516	110,000	Capital Reserve Fund		110,000					
<b>Cemetery Sub-Totals</b>				<b>0</b>	<b>110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Code Enforcement</b>										
Vehicle Replacement Program	Chevy 1500 Truck (Code Enf.) BF2	35,000	Capital Reserve Fund			35,000				
<b>Code Enforcement Sub-Totals</b>				<b>0</b>	<b>0</b>	<b>35,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Transfer Station</b>										
Vehicle Replacement Program	CAT Articulating Loader (Transfer) 547A - Bundled Lease Year 1 - 5	235,000	Capital Reserve Fund	235,000						
Vehicle Replacement Program	1992 Mack 10 wheel (579)	125,000	Capital Reserve Fund		125,000					
Skidsteer/Bobcat	Replace 2012 Bobcat (614)	50,000	Capital Reserve Fund				50,000			
Transfer Trailer Replacement	Regular replacement schedule for fleet of trailers used for transporting solid waste & recyclable materials.	75,000	Capital Reserve Fund			75,000		75,000		
<b>Transfer Station Sub-Totals</b>				<b>235,000</b>	<b>125,000</b>	<b>75,000</b>	<b>50,000</b>	<b>75,000</b>	<b>0</b>	<b>0</b>
<b>Vehicle Maintenance</b>										
Vehicle Replacement Program	Chevy 2500 Truck (Veh. Maint.) 594	40,000	Capital Reserve Fund	40,000						
<b>Vehicle Maintenance Sub-Totals</b>				<b>40,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>Parks &amp; Recreation</b>										
Vehicle / Equipment Replacement Program	Replace 2004 Jacobsen HR-5111 Mower. Purchase a 2016 Jacobsen R311T commercial mower w/ enclosed cab	48,000	Capital Reserve Fund	48,000						
Vehicle / Equipment Replacement Program	Replace 2004 Ford Ranger (#568)	35,000	Capital Reserve Fund	30,000	35,000					
Vehicle / Equipment Replacement Program	Replace 2005 Ford F350 Dump (#532)	50,000	Capital Reserve Fund	50,000						
Vehicle / Equipment Replacement Program	Replace 2007 Ford F350 Dump Truck (#590)	50,000	Capital Reserve Fund	50,000						
Vehicle / Equipment Replacement Program	Canyon GMC 616	35,000	Capital Reserve Fund	35,000					35,000	
Vehicle / Equipment Replacement Program	Replace 2007 Ford F150 Pickup Truck (#561)	35,000	Capital Reserve Fund	0	35,000					
Vehicle / Equipment Replacement Program	Replace 2008 Ford F350 Pickup Truck (#519)	40,000	Capital Reserve Fund	0	40,000					
90' Baseball Diamond	Field Expansion Project to create another 90' regulation baseball diamond	165,000	Capital Reserve Fund	1			165,000			
<b>Parks &amp; Recreation Sub-Totals</b>				<b>213,001</b>	<b>110,000</b>	<b>0</b>	<b>165,000</b>	<b>0</b>	<b>35,000</b>	<b>0</b>
<b>PUBLIC WORKS TOTALS</b>				<b>1,303,432</b>	<b>2,445,000</b>	<b>2,185,000</b>	<b>2,190,000</b>	<b>1,565,000</b>	<b>1,635,000</b>	<b>1,530,000</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>WATER</b>										
Water Main Upgrade & Replacement Program	As part of the Town's water system maintenance plan, older AC mains are replaced with newer ductile iron mains. These improvements increase the flow capacity of main lines, improve the structural strength of the mains and reduce leak potential and lost water costs. In some cases water quality is also improved.	1,500,000	Water Receipts	220,000	250,000	250,000	250,000	250,000	250,000	250,000
Cohas PS Upgrades	Replacement of 3 pumps, electrical and structural upgrades of Cohas Water Booster Pump Station	1,031,000	State Revolving Loan Fund / Water Receipts		1,031,000					
Zone 3 Water System Expansion Phase II: Warner Hill Water Storage Tank,	Construct new 1.MG Water Tank in East Derry off Warner Hill Road and mains from Hampstead Rd to new tank	6,640,000	GO Bond	1		6,640,000				
Vehicle Replacement Program	Replace 2012 Ford F550 Mech Utility w/crane 603	125,000	Lease				125,000			
Vehicle Replacement Program	Replace 2009 F350 Pick up w/plow 567A	38,000	Water Receipts	38,000						
Vehicle Replacement Program	Replace - Vehicle 2000 Internation 5-Ton Dump Trk 572	135,000	Water Receipts			135,000				
<b>WATER TOTALS</b>				<b>258,001</b>	<b>1,281,000</b>	<b>7,025,000</b>	<b>375,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>WASTEWATER</b>										
Collection System Improvements	Sewer Lift Station Control System Upgrade	85,000	Wastewater Receipts	20,000						
Collection/ Treatment	WWTP - Lagoon 1 - Replace liner & reinstall new Air Diffusers	1,000,000	State Revolving Loan Fund / Wastewater Receipts							5,150,000
WWTP	Effluent Force Main Replacement -193 Pillsbury	275,000	Wastewater Receipts	275,000						
Vehicle Replacement Program	Replace - Sewer Cleaner 599	525,000	Lease						525,000	
Vehicle Replacement Program	CASE Backhoe 586, Ford Ranger 587	138,000	Wastewater Receipts					138,000		
WWTP - Emergency Standby Generator	Replace & upgrade 350 kW 480V 545 HP diesel emergency standby/automatic transfer switch	200,000	Wastewater Receipts			200,000				
<b>WASTEWATER TOTALS</b>										
				295,000	0	200,000	0	138,000	525,000	5,150,000

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>EXECUTIVE / FINANCE DEPARTMENTS</b>										
Exit 4A	50% Share of original 10,000,000 commitment with Londonderry. No funding this FY. Ongoing work required to update/finalize Environmental Impact Study (EIS) for federal filing.	5,000,000	GO Bond			1,972,289				
Communications System - Police and Fire		1,600,000	Lease - CRF Police and Fire	1,610,012						
Update all GIS mapping	Update GIS planimetric mapping to reflect mapping features	35,000	Capital Reserve Fund - IT			35,000				
SAN Storage Replacement	Replace current redundant SAN storage	50,000	Capital Reserve Fund - IT		50,000					
Vehicle	Vehicle for IT use	30,000	Capital Reserve Fund - IT		30,000					
Watchguard Appliance Replacement	Replacement of existing server and software upgrade	13,000	Capital Reserve Fund - IT		13,000					
Replace all copiers reaching EOL in 2022	Partial replacement of leased copiers	50,000	Capital Reserve Fund - IT					50,000		
Backup Appliance Replacement	Replacement of existing backup appliance	26,000	Capital Reserve Fund - IT						26,000	
LAN Expansion	Expansion of Local Area Network - English Range Station	20,000	Capital Reserve Fund - IT		20,000					
DPD Mobile Data Terminal Replacement	Replacement of current mobile data terminals	80,000	Capital Reserve Fund - IT						80,000	
DFD Mobile Data Terminal Replacement	Replacement of current mobile data terminals	80,000	Capital Reserve Fund - IT	181,664				80,000		
<b>EXECUTIVE / FINANCE SUB-TOTALS</b>										
				1,791,676	113,000	2,007,289	0	130,000	106,000	0

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>CABLE</b>										
<b>Master Control Operations</b>										
Video Storage Server Replacement	Replacement of existing server End of life	\$75,000	Cable Fund Balance		75,000					
Broadcast Automation System Channel 17	Replacement of existing server to HD	\$75,000	Cable Fund Balance				75,000			
Broadcast Automation System Channel 23	Replacement of existing server to HD	\$75,000	Cable Fund Balance			75,000				
Install Fiber to the Comcast Headend	Replace outdated link to the headend	\$30,000	Cable Fund Balance							
UPS Unit Replacements	Routine replacement, end of life	\$8,000	Franchise Revenue	2,000	2,000					
<b>Studio</b>										
Radio LPFM Configure	Install Broadcast Equipment	\$30,000			20,000	10,000				
Camera Replacements Switch to HD	Replacement Cameras to HD	\$120,000	Cable Fund Balance	120,000						
Replacement of Graphics system	Replacement of Graphics system	\$5,000	Franchise Revenue	5,000						
Replacement Video Switcher	Replece Video Switcher End of life	\$60,000	Cable Fund Balance					60,000		
Studio Lighting Conversion to LED	Studio Lighting Conversion to LED	\$30,000								
<b>Meeting Room Floor #3</b>										
Replacement of UPS	Routine replacement, end of life	\$2,000	Franchise Revenue				2,000	2,000		
Camera Replacements Switch to HD	Replace Meeting Room Cameras HD	\$25,000	Franchise Revenue	25,000						
Meeting Room Conversion to HD	Replace Audio System,replace air wiring, Digital HD/IP	\$80,000	Cable Fund Balance		80,000					
Meeting Room Tri-Caster Replacement	Expected end of life	\$50,000	Cable Fund Balance			50,000				
<b>Mobile Production</b>										
Generator for remote locations	Generator for remote locations	\$20,000	Franchise Revenue	5,000		20,000				
Replacement of Production Video switcher	End of Life	\$50,000	Cable Fund Balance			50,000				
Replacement of Graphics system	End of Life	\$10,000	Cable Fund Balance				10,000			
Replacement of Truck Cameras	End of Life	\$40,000	Cable Fund Balance							
Comrex Lveshot/SWIT	Wireless Camera Links	\$120,000	Cable Fund Balance		30,000	30,000	30,000	30,000		
<b>CABLE TOTALS</b>				157,000	207,000	205,000	117,000	92,000	0	0

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>EXPENDABLE MAINTENANCE TRUST FUND</b>										
Central Station - Ceiling Insulation	Upgrade insulation throughout bay and living quarters	40,000	EMTF						40,000	
Central Station - HVAC Upgrade	Upgrade HVAC system	25,000	EMTF			25,000				
Central Station - Replace 6 Apparatus Bay Doors	Replace 6 existing apparatus bay overhead doors	25,000	EMTF					25,000		
Island Pond Station - Replace Septic System	Replace aging stone and pipe sanitary system	20,000	EMTF						20,000	
Hampstead Road Station - Replace Septic System	Replace aging stone and pipe sanitary system	20,000	EMTF						20,000	
Install Vehicle Exhaust Removal Drops	Add 3 exhaust drops to existing system to accommodate pieces of equipment not currently covered	30,000	EMTF			30,000				
Dispatch Console Furniture	Replace Dispatch workstations/furniture	80,000	EMTF							80,000
<b>FIRE FACILITIES</b>				<b>59,000</b>	<b>0</b>	<b>55,000</b>	<b>0</b>	<b>25,000</b>	<b>80,000</b>	<b>80,000</b>
<b>EXECUTIVE / FINANCE DEPARTMENTS</b>										
Phone Systems	Replace phone system	12,000	Operating/CRF							
<b>POLICE</b>										
Upgrade Fire Alarm System		20,000	Operating							
Dispatch HVAC System Upgrade		25,000	Operating							
<b>Building &amp; Grounds</b>										
Derry Municipal Center	Resurfacing Employee parking lot	30,000	Operating	30,000						
Derry Municipal Center	Carpet replacement (3rd Floor Meeting Room)	15,000	Operating	15,000						
Derry Municipal Center	Replace HVAC Unit	450,000	EMTF			450,000				
Derry Municipal Center	Upgrade Security Cameras	25,431	Operating	25,431						
Derry Municipal Center	Replace AC unit in Server room	23,000	EMTF		23,000					
Cemetery	Road Resurfacing	25,000		25,000						
Vehicle Replacement Program	Ford F350 (Bldg. & Grounds) 601		Operating/Lease							
<b>Buildings &amp; Grounds Sub-Totals</b>				<b>95,431</b>	<b>23,000</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Parks &amp; Recreation</b>										
Alexander-Carr / Playground	Replace playground structure / equipment	75,000	Trust	0						
Alexander-Carr / Playground	Replace / upgrade tennis court lights	30,000	Trust	0						
Ballfield Maintenance / Park Improvements	Consolidated funding for multiple projects. Includes construction & site improvements and repairs	Ongoing	Operating	0						
<b>Parks &amp; Recreation</b>					<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>DERRY PUBLIC LIBRARY TOTALS</b>										
Rubber roof system replacement	Replace 23 year old roof, including fixing flat areas of	\$45,000	Capital Reserve Fund	45,000						
Skylight replacements	Replace deteriorating skylights in the rubberized flat roof area in conjunction with the roofing replacement.	\$26,254	Capital Reserve Fund	31,300						
Miscellaneous Repairs	Miscellaneous Repairs	\$50000 - Est	Capital Reserve Fund							
<b>DERRY PUBLIC LIBRARY TOTALS</b>	<b>Building Improvement Plan Currently being Completed with DPW</b>			<b>76,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL EXPENDABLE MAINTENANCE TRUST FUND</b>				<b>230,731</b>	<b>23,000</b>	<b>505,000</b>	<b>0</b>	<b>25,000</b>	<b>80,000</b>	<b>80,000</b>
<b>TOTAL CAPITAL IMPROVEMENT/EXPENDABLE MAINTENANCE</b>				<b>4,564,890</b>	<b>5,389,194</b>	<b>12,660,370</b>	<b>4,207,000</b>	<b>2,368,000</b>	<b>3,716,075</b>	<b>7,320,000</b>
<b>TOTAL FUNDING FROM CAPITAL RESERVE FUNDS</b>				<b>4,011,889</b>	<b>2,404,032</b>	<b>1,326,081</b>	<b>2,190,000</b>	<b>438,000</b>	<b>1,491,075</b>	<b>470,000</b>
<b>TOTAL FUNDING FROM OTHER FUNDS</b>				<b>553,001</b>	<b>1,488,000</b>	<b>7,430,000</b>	<b>492,000</b>	<b>480,000</b>	<b>775,000</b>	<b>5,400,000</b>
<b>TOTAL FUNDING FROM GRANTS</b>				<b>0</b>	<b>47,162</b>	<b>482,000</b>	<b>75,000</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL FUNDING FROM TAXATION</b>				<b>0</b>	<b>1,450,000</b>	<b>1,450,000</b>	<b>1,450,000</b>	<b>1,450,000</b>	<b>1,450,000</b>	<b>1,450,000</b>

## Listing & Discussion of FY 19 Projects

### Police Department

Speed Collection Equipment – \$24,325	Expansion of equipment to assist in collecting vehicle speeds.
Taser Replacement - \$82,840	Replacement of end of life equipment used by officers as part of force continuum.
AED Replacement - \$15,704	Replacement of Safety Devices out of warranty.
Mobile Radios - \$126,046	Replace and upgrade system that reaches end of life in 2019.
Marked Utility Pickup Truck - \$49,427	Replace 13-year-old pick-up truck/utility vehicle.

### Fire Department

Replace Rescue Pumper - \$750,000	Replace apparatus which is at end of life and showing structural and power deterioration.
Utility Vehicle - \$55,000	Replace 2002 GMC 2500 w/plow
Lucus Chest Compression System - \$32,000	Two CPR assist devices – A safe and efficient tool that standardizes chest compressions in accordance with latest scientific guidelines.
Mobile and portable Radios - \$110,853	Replacement of Mobile and Portable Radios 6 (2 dual head)
Advisory AM Radio System - \$74,000	Upgrade emergency alert AM radio system to VHF radio link and remove from copper wire audio distribution. IP based audion control and flashing alert sign installation. (Grant Funded)



**Department of Public Works**

Culvert Replacement - \$85,000

First phase to replace North Shore Road and Beaver Lake Road culverts with a rigid frame precast structure (Bridge Improvement Fund)

Pavement Management - \$1,450,000

Annual appropriation for road repair and reconstruction throughout the community.

Highway Vehicles - \$565,000

Replacement of the following vehicles:

Ford F350 Truck - \$40,000

International Lo-Pro - \$110,000

Ford F350 Truck - \$180,000

Case Loader - \$235,000

Cemetery Vehicle - \$110,000

Replace F350 Truck - \$110,000

Transfer Station Vehicle - \$125,000

Replace 1992 Mack Ten-Wheeler

Parks & Rec Vehicles - \$110,000

Replacement of the following vehicles:

2004 Ford Ranger - \$35,000

2007 Ford F150 - \$35,000

2008 Ford F350 - \$40,000

**DPW – Water Division (User Fees)**

Water Main Upgrade - \$250,000

Annual replacement and upgrade, older AC mains are replaced with newer ductile iron mains. These improvements increase the flow capacity of main lines, improve the structural strength of the mains and reduce leak potential and lost water costs.

Cohas PS Upgrade - \$1,031,000

Replacement of 3 pumps, electrical and structural upgrades to Cohas Water Booster Pump Station. Financed through low-interest NHDES Revolving Loan Fund.

**DPW – Wastewater Division (User Fees)**

No projects scheduled for FY19

**Administrative Services – IT Division**

SAN Storage Replacement - \$50,000	Replace current redundant SAN storage
Vehicle - \$30,000	Vehicle for IT use
Watchguard Appliance - \$13,000	Replacement of existing server and software upgrade.
LAN Expansion - \$20,000	Expansion of Local Area Network to English Range Station

**Cable Division (Franchise Fees)**

Video Storage Server - \$75,000	Replacement of existing end of life server
UPS Unit Replacements - \$2,000	Routine end of life replacement
Radio LPFM - \$20,000	Initial investment in FM radio broadcast equipment
Meeting Rm conversion to HD - \$80,000	Replace Audio System, replace all wiring, digital HD/IP

**Expendable Maintenance Trust**

AC unit - \$23,000	Replace AC Unit in Server Room
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## **Exit 4A Project**

The Town Council previously approve participation in the Exit 4A project by allocating \$5.0M towards the study, design, property acquisition and construction of the project. The Town's contribution is to be matched by the Town of Londonderry, with the balance of the project costs to be paid by the State of New Hampshire as the project is now included in the State's 10 Year Highway Plan.

The Town has been funding the project to date on a pay as you go basis, including the use of Unallocated Fund Balance. The project anticipates receiving final Federal Highway Administration approval to facilitate the beginning of the construction phase in late 2019 or early 2020; the remaining amount of Derry's obligation is \$1,972,289, which is anticipated to be expended in 2019.

## **Capital Reserve/Expendable Maintenance Trust Accounts**

The Town has established many Capital Reserve and EMT accounts for which annual contributions are made to support long term investments, including fleet maintenance, regular repairs/replacements or recurring costs. The intent is to provide for regular contributions so that full funding is spread over multiple payments. Capital Reserve Fund accounts are created with a vote of the Town Council to authorize the fund. A vote of the Town Council is required to withdraw from the accounts.

The Town Council has adopted a Fund Balance Policy which, among other uses, funds the Towns capital reserve and expendable maintenance trust accounts. Pursuant to this policy, funds may be transferred into these accounts annually without further Town Council action.

The following funds have been created:

Highway

Fire

Police

Information Technology

Expendable Maintenance Trust for Building and Grounds

UFB REVENUE SHARING - ALL DEPARTMENTS							
Capital Reserve Outlay - FY19 - FY24							
	Total	Percent to Total	\$750k Allocation	\$1M Allocation	\$1.25M Allocation	\$1.50M Allocation	
Police	\$1,711,349.00	13.514%	\$86,153.89	\$114,871.85	\$143,589.82	\$172,307.78	
Fire	\$7,644,790.00	60.370%	\$384,859.20	\$513,145.60	\$641,432.00	\$769,718.40	
DPW	\$2,844,597.00	22.463%	\$143,204.63	\$190,939.51	\$238,674.38	\$286,409.26	
IT	\$462,476.00	3.652%	\$23,282.28	\$31,043.04	\$38,803.80	\$46,564.56	
EMTF	\$0.00	15.000%	\$112,500.00	\$150,000.00	\$187,500.00	\$225,000.00	
<b>Total</b>	<b>\$12,663,212.00</b>		<b>\$750,000.00</b>	<b>\$1,000,000.00</b>	<b>\$1,250,000.00</b>	<b>\$1,500,000.00</b>	
<p><b>The FY19-FY24 Capital Improvements plan anticipates annual transfers of \$750,000 from Unallocated Fund Balance to Capital Reserve Funds; Town Council policy allows transfers up to \$1.5M annually.</b></p>							

**CAPITAL RESERVE FUND ANALYSIS  
POLICE DEPARTMENT**

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY2025	FY2026	FY2027	FY2028	FY2029
<b>Beginning Balance</b>	1,034,219	1,034,219	711,827	572,075	479,311	388,257	370,045	353,542	339,156	326,516	315,623	306,476
Vehicle Replacement (Lease Pmts)		116,410	116,410	71,132	71,131							
Communication System (59%)		8,549	112,088	110,378	108,669	106,959	105,249	103,132	101,386	99,639	97,893	96,146
Speed Collection Project		12,162										
Taser Replacement Project		82,840										
AED Replacement Project		15,704										
Mobile Radios		126,046										
Marked Utility Vehicle (Pickup)		49,427										
<b>Total Outflow</b>	-	411,138	228,498	181,510	179,800	106,959	105,249	103,132	101,386	99,639	97,893	96,146
<b>Total Inflow</b>		88,746	88,746	88,746	88,746	88,746	88,746	88,746	88,746	88,746	88,746	88,746
<b>Ending Balance</b>	1,034,219	711,827	572,075	479,311	388,257	370,045	353,542	339,156	326,516	315,623	306,476	299,076
<b>Annual Change</b>		(322,392)	(139,752)	(92,764)	(91,054)	(18,213)	(16,503)	(14,386)	(12,640)	(10,893)	(9,147)	(7,400)



**CAPITAL RESERVE FUND ANALYSIS  
PUBLIC WORKS DEPARTMENT**

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
<b>Beginning Balance</b>	1,951,616	1,617,606	1,451,112	1,214,938	871,683	507,509	175,434	15,999	(73,756)	(9,591)	78,494	205,059	348,264
Highway	46,447	182,567	229,367	313,266	321,585	313,040	212,160	165,360	56,160	47,840	16,640		
Cemetery		29,421	29,421	26,876	26,877	22,880							
Code Enforcement			7,280	7,280	7,280	7,280	7,280						
Transfer Station	117,563	74,831	90,431	81,838	94,437	67,600	41,600	26,000	15,600				
Parks and Recreation	130,000	22,880	22,880	57,200	57,200	64,480	41,600	41,600	7,280	7,280			
Vehicle Maintenance	40,000												
Total Outflow	334,010	309,699	379,379	486,460	507,379	475,280	302,640	232,960	79,040	55,120	16,640	-	-
Total Inflow		143,205	143,205	143,205	143,205	143,205	143,205	143,205	143,205	143,205	143,205	143,205	143,205
<b>Ending Balance</b>	<b>1,617,606</b>	<b>1,451,112</b>	<b>1,214,938</b>	<b>871,683</b>	<b>507,509</b>	<b>175,434</b>	<b>15,999</b>	<b>(73,756)</b>	<b>(9,591)</b>	<b>78,494</b>	<b>205,059</b>	<b>348,264</b>	<b>491,469</b>
<b>Annual Change</b>		<b>(166,494)</b>	<b>(236,174)</b>	<b>(343,255)</b>	<b>(364,174)</b>	<b>(332,075)</b>	<b>(159,435)</b>	<b>(89,755)</b>	<b>64,165</b>	<b>88,085</b>	<b>126,565</b>	<b>143,205</b>	<b>143,205</b>

**CAPITAL RESERVE FUND ANALYSIS  
INFORMATION TECHNOLOGY DEPARTMENT**

	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
<b>Beginning Balance</b>	161,819	55,915	(73,041)	(123,997)	(100,715)	(207,433)	(290,151)	(266,869)	(243,587)	(243,587)	(243,587)	(243,587)	(243,587)
Copier Replacement	39,238	39,238	39,238										
Desktop Switches	16,666												
Storage Refresh	50,000												
Update GIS Mapping			35,000										
SAN Storage Replacement		50,000											
Vehicle		30,000											
Watchguard Appliance Replacement		13,000											
Replace Copiers					50,000								
Backup Appliance Replacement						26,000							
LAN Expansion (FD)		20,000											
DPD Mobile Data Terminal Replacement						80,000							
DFD Mobile Data Terminal Replacement					80,000								
<b>Total Outflow</b>	105,904	152,238	74,238	-	130,000	106,000	-	-	-	-	-	-	-
<b>Total Inflow</b>		23,282	23,282	23,282	23,282	23,282	23,282	23,282					
<b>Ending Balance</b>	55,915	(73,041)	(123,997)	(100,715)	(207,433)	(290,151)	(266,869)	(243,587)	(243,587)	(243,587)	(243,587)	(243,587)	(243,587)
<b>Annual Change</b>		(128,956)	(50,956)	23,282	(106,718)	(82,718)	23,282	23,282	-	-	-	-	-



CAPITAL RESERVE FUND ANALYSIS EXPENDABLE MAINTENANCE TRUST FUND													
	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Beginning Balance	311,522	80,791	170,291	125,191	137,611	127,551	65,011	4,991	4,991	4,991	4,991	4,991	4,991
Various Projects	230,731												
Fire Facilities			55,000		25,000	80,000	80,000						
Replace AC Unit in DMC Server Room		23,000											
DMC HVAC Replacement			102,600	100,080	97,560	95,040	92,520						
Total Outflow	230,731	23,000	157,600	100,080	122,560	175,040	172,520	-	-	-	-	-	-
Total Inflow		112,500	112,500	112,500	112,500	112,500	112,500						
Ending Balance	80,791	170,291	125,191	137,611	127,551	65,011	4,991	4,991	4,991	4,991	4,991	4,991	4,991
Annual Change		89,500	(45,100)	12,420	(10,060)	(62,540)	(60,020)	-	-	-	-	-	-

## **Conclusion & Recommendations**

The Program of Capital Expenditures herein provides a guide for budgeting and development of Derry's public facilities. The Town Administrator's CIP Committee will review and update the CIP each year prior to budget deliberations. The CIP may be modified each year based on changes in needs and priorities. As noted in the Plan, there are projects proposed where the CIP Committee has determined that there is not enough information to make a recommendation concerning a proposed capital project. These are topics in the opinion of the Committee that should be studied in further detail before funding decisions should be made.

The proposed plan is submitted for review and comment by the Planning Board prior to review and adoption by the Town Council.

The Capital Improvement Plan Committee will continue to seek improvements to this process in an effort to identify and fund necessary capital investments within the voter approval tax cap as set forth under Section 9.4 of the Town Charter.

## **Appendix A: Town Charter Authorization**

### **TOWN OF DERRY TOWN CHARTER—SECTION 9.8**

(A) The Town Administrator, after consultation with the Planning Board, shall prepare and submit to the Town Council a capital improvement plan at least one month prior to the final date for submission of the budget. The capital improvements program shall include:

(1) A clear summary of its contents.

(2) A list of all capital improvements including major replacements which are proposed to be undertaken during the next 6 fiscal years, including, but not limited to, equipment, sewer and water mains or facilities, roads, sidewalks, bicycle paths or lanes, public open spaces and recreation facilities, new police or fire stations, and other new public facilities and major items of equipment, with appropriate supporting information as to the necessity for such improvements. 28

(3) Cost estimates, methods of financing and recommended time schedule for each improvement.

(4) The estimated annual cost of operating and maintaining the facilities to be constructed or acquired.

(B) The capital improvements plan shall be based on a period of not less than 6 years and shall be guided by the Master Plan for the Town.

(C) The foregoing information may be revised and extended each year with regard to capital improvements still pending or in process of construction or acquisition.

(D) The Town Council and Planning Board shall meet annually in preparation for and review of the capital improvements plan in a manner determined from time to time by the Town Council.

(E) A summary of the updated capital improvements plan with estimated costs shall be included in the Town report and the current year costs of the capital improvements plan shall be included in the Town budget.

(F) The Town Council shall publish in one or more newspapers of general circulation in the Town a general summary of the capital improvements plan and a notice stating: (1) the times and places where copies of the capital improvements plan are available for inspection by the public; and (2) the date, time and place not less than 2 weeks after such publication, when a public hearing on said plan will be held by the Town Council.

(G) After the public hearing and at the time of adoption of the budget as set forth in Section

9.4D of the Charter and on or before 30 days prior to the start of the ensuing fiscal year, the Town Council shall by resolution adopt the capital improvements plan with or without amendment, provided that each amendment must be voted separately and that any increase in the capital improvements plan as submitted must clearly identify the method of financing proposed to accomplish the increase.



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## RESOLUTION #2017-021

### To Revise the Town's Fund Balance Policy

WHEREAS, The Town Council on June 18, 2013 adopted a Fund Balance Policy which established a certain retention level of Unallocated Fund Balance and further directed that excess fund balance be transferred to capital reserve funds; and

WHEREAS, the Town's cash flow and fund balance status have been reviewed to ensure that the Town only retains those tax dollars necessary to maintain appropriate reserves and sustain the Town's solid financial condition;

NOW, THEREFORE, BE IT RESOLVED IN COUNCIL that the following changes to the Town of Derry Fund Balance Policy are hereby adopted:

- 1) Unassigned Fund Balance shall be targeted at 9.5% of the sum of the Town's general fund operating appropriations, the state education tax amount, the local school net tax commitment and the county appropriation (previously 12.5%);
- 2) Annually, the first \$650,000 beyond the 9.5% threshold shall be used to stabilize the tax rate;
- 3) Annually, Unallocated Fund Balance in excess of the 9.5% threshold and the \$650,000 allocated for tax rate stabilization shall be transferred without further action of the Town Council, to capital reserve funds for Police, Information Technology, Fire, Public Works, and Buildings & Grounds Expendable Maintenance Trust, proportional to the proposed expenditures as set forth in the adopted Capital Improvement Plan. The amount of the transfer shall be limited to \$1.5M annually;
- 4) Any Unallocated Fund Balance available beyond that necessary to fulfill the directives within this policy shall be retained and managed pursuant to future Council resolutions.
- 5) For purposes of this Policy, Unallocated Fund Balance shall be defined according to Governmental Accounting Standards Board Statement No. 54, and shall further include any inter-fund transfers in the form of loans (e.g. Brady Avenue Sewer).

This Resolution shall take effect immediately upon its passage.

Adopted May 16, 2017