

**CAPITAL
IMPROVEMENT
PLAN (CIP)**

for

Fiscal Years

2015-2020

TOWN OF DERRY, NH
Town Council Adopted Six Year Capital Improvement Plan
Fiscal Years 2015- 2020

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
FIRE										
Prevention & Emergency Services										
Facility Improvements										
Septic	Reconstruct aging sanitary system - Island Pond Station	20,000	Operating/CRF							
Roof	Repair and replace roof system - Island Pond Station	65,000	CRF		65,000			20,000		
Appearance doors	Replace Appearance Doors - Island Pond Station	20,000	Operating/CRF			20,000				
Roof	Repair and replace roof system - Central Station	65,000	CRF				65,000			
Insulation	Upgrade insulation throughout building - Central Station	30,000	CRF						30,000	
HVAC	Replace HVAC system in portable building with high efficiency unit - Central Station	18,000	CRF						18,000	
Fire Suppression System	Replace kitchen exhaust hood with NFPA 96 compliant system - Central Station	20,000	CRF					20,000		
Electrical System	Upgrade capacity and maintain NEC compliance - Central Station	30,000	CRF					30,000		
Emergency Generator/Transfer Switch	Current emergency generator is shared with WWVP pump station - Central Station	95,000	CRF							95,000
Flooring	Remove and replace existing asbestos flooring and replace with non-asbestos flooring	20,000	Operating/CRF		20,000					
Roof	Repair and replace roof system - Hempstead Road Station	65,000	CRF			65,000				
Upgrade bathroom	Replace facility shower and bathroom fixtures - Hempstead Road Station	12,500	Operating/CRF		12,500					
Parking Lot	Recept Parking Lot and Front Apron - Hempstead Road Station	40,000	FCRF	40,000						
Fire Alarm Transmitter	Install alarm transmitter from English Range Station to Central Station, now currently assets	9,000	Operating	9,000						
Upgrade kitchen	Replace kitchen cabinets and countertops - English Range Station	10,000	Operating/CRF		10,000					
Facilities Improvements Sub-Totals				48,000	113,000	85,000	65,000	70,000	81,000	95,000
Upgrade station security entrance system	Electronic IP based keycard system for station door locks	48,500	Operating/CRF			48,500				
Land purchase	Purchase property for future fire station. Site yet to be determined.	1	Unspecified Fund (Building)				1			
Training facility	Build appropriate facility/training tower for fire and rescue training personnel	350,000	CRF/Proceeds from sale of Station 4 Public, Federal & State Grants Regional Contribution			350,000				
Facilities & Property Totals				48,000	113,000	481,500	65,001	70,000	81,000	95,000
Equipment										
Rescue equipment	Technical rescue equipment - Replace lifting struts for vehicle rescue/rescue	18,000	Operating			18,000				
Rescue equipment	Technical rescue equipment - Replace lifting struts for vehicle rescue/rescue	18,000	Operating					18,000		
Water rescue	Replace boat, underwater, ICA, and water and water rescue equipment	35,000	Operating/CRF			35,000				
Jaws of Life	Replace aging vehicle extraction Jaws of Life equipment	24,000	Operating/CRF		24,000					
Trench/shielded space rescue	Replace confined space and trench rescue equipment	15,000	Operating/CRF				15,000			
Trench/shielded space rescue	Replace confined space and trench rescue equipment	15,000	Operating/CRF					15,000		
Thermal Imaging Cameras	Replace 5 thermal image cameras	70,000	Operating/CRF						70,000	
Self-Contained Breathing Apparatus	Replace SCBA	350,000	Operating/CRF (Federal Grant)							
Portable Hazardous Materials Gas Monitoring Equipment	Replace 5 Multi-Gas Monitors (Oxygen, Carbon Monoxide, Hydrogen Sulfide, Flammable Gases, & Volatile Organic Gases), 5 Hydrogen Cyanide Gas monitors, one Chlorine Gas Monitor, one Ammonia Gas monitor, and associated calibration equipment	20,000	Operating/CRF	18,000						20,000
Quantitative Respiratory Fit Test Equipment	Replace Fit Testing for personnel with SCBA, Hazmat Resistant, and NIOS EHS made as a required component of Town pathogen protection policy and Department of Labor requirements.	15,000	Operating/CRF			15,000				
Equipment Sub-Totals				18,000	24,000	80,000	35,000	35,000	70,000	370,000

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Apparatus and Vehicles										
Command's Vehicle	Command Vehicle	75,000	Operating/CRF	45,000						75,000
Ambulance replacement	Medic D '08 Ford	250,000	Capital Lease/Operating			250,000				
Ambulance replacement	Medic C '09 Chevy	285,000	Capital Lease/Operating						285,000	
Vehicle replacement	Chief Fire Inspector/Revenue Command Vehicle '01 Chevy	65,000	Operating/CRF		65,000					
Vehicle replacement	Assistant Fire Inspector '02 GMC	60,000	Operating/CRF			60,000				
Fire apparatus replacement	Engine 3 '00 Pierce	600,000	Capital Lease/Operating				600,000			
Fire unit replacement	Forestry 1 '00 Ford F350 4x4	65,000	Operating/CRF					65,000		
Mechanic's vehicle replacement	HM- '02 Chevrolet 2500HD 4x4	65,000	Operating/CRF					65,000		
Fire apparatus replacement	Tanker/Water Supply '01 Mack	400,000	Capital Lease/Operating				400,000			
Apparatus and Vehicle Sub-Totals				45,000	65,000	300,000	600,000	245,000	400,000	75,000
EMS Equipment										
Cardiac monitor replacement	Cardiac Monitor. Replace outdated technology and to comply with American Heart Association ACLS guidelines		Operating/CRF	30,000						
Cardiac monitor replacement	Cardiac Monitor. Replace outdated technology and to comply with American Heart Association ACLS guidelines	32,000	Operating/CRF			32,000				
Cardiac monitor replacement	Cardiac Monitor. Replace outdated technology and to comply with American Heart Association ACLS guidelines	34,000	Operating/CRF					34,000		
Stretcher replacement	Project Moving Device. Replaces used and worn patient carrying devices for patient and crew safety	18,000	Operating/CRF			18,000				
Portable Emergency Ultrasound	Portable ultrasound machines will be by EMS for the examining and diagnosing patients for cardiac arrest. These units are designed to be loaded to back-off and be portable. Updated technology to comply with NHEMS protocols	32,000	Operating/CRF						32,000	
GlobeScope video laryngoscopes	Designed for patients from preterm to mortality obese; provide a consistently clear, real-time view of the airway and tube placement, including glottal stimulation. They are ideal for difficult airway management for rescue airways. Recording options help confirm tube placement and facilitate training (2 units at \$11,000 each). Updated technology to comply with NHEMS Protocols	22,000	Operating/CRF		22,000					
GlobeScope video laryngoscopes	Designed for patients from preterm to mortality obese; provide a consistently clear, real-time view of the airway and tube placement, including glottal stimulation. They are ideal for difficult airway management for rescue airways. Recording options help confirm tube placement and facilitate training (2 units at \$11,000 each). Updated technology to comply with NHEMS Protocols	22,000	Operating/CRF			22,000				
Replace portable transport ventilators	Replace 4-RT-70 portable ventilators. Used to assist patients in respiratory distress.	60,000	Operating/CRF (Fed/State Grant)							60,000
EMS Equipment Sub-Totals				30,000	22,000	34,000	18,000	34,000	32,000	60,000
Training Equipment										
Construct fire line & rescue training building	To be constructed from recycled and stacked inter-modal cargo containers. Can be configured to simulate a multi-story structure with a variety of live fire and non-live rooms and for technical training capacity; such as rope rescue training. To be built on 100-owned property.	75,000	Operating/CRF (Fed/State Grant) Regional Consideration			75,000				
Driver training	Training simulator equipment for driver training. Equipment could be used as a town-wide resource to improve driver competencies and improve the ability to recognize and evade dangerous conditions.	105,000	Operating/CRF (Fed/State Grant) Regional Consideration						105,000	

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Suppression training	Equipment for liquid flammable and gas suppression training	35,000	Operating/CRF					35,000		
Technical Rescue Equipment	Reusable equipment for collapse and trench rescue training	35,000	Operating/CRF			35,000				
Rescue simulator	Training equipment for suppression operations training. The simulator is a large metal container that allows a fire to be burnt on the inside and allows the fire to simulate a flashover fire. Used by 25% to gain confidence in actual fire conditions while being able to understand and recognize fire behavior situations that lead to lethal environments.	35,000	Operating/CRF (Federal/State Grant) Regional Consideration							
Training Equipment Sub-Totals				0	0	110,000	35,000	35,000	105,000	0
Prevention and Emergency Services Totals				442,000	229,500	995,000	740,000	405,000	922,000	600,000
Dispatch					10,000					15,000
Phone/radio recorder replacement	Upgrade and replace phone/radio recorder.	15,000	Capital Lease/Operating (5 year)							
Upgrade Municipal Fire Alarm Decoder	Equipment to include 100hrs circuits to current receiver panel	10,000	Operating /CRF							
Notification system upgrade	Replace/Upgrade Zetron dispatch notification equipment	95,000	Operating /CRF			40,200	55,000			
Replace mobile radios	Replacement of Mobile Radios 12 (4 Dual Inet.)	40,200	Operating/CRF (Fed/State Grant)							
Replace mobile radios	Replacement of Mobile Radios 12	36,000	Operating/CRF (Fed/State Grant)							
Replace portable radios	Replacement of 30 Portable Radios	122,400	Operating/CRF (Fed/State Grant)							
Replace portable radios	Replacement of 30 Portable Radios	122,400	Operating/CRF (Fed/State Grant)			122,400				
Replace portable radios	Replacement of 20 Portable Radios	80,000	Operating/CRF (Fed/State Grant)				80,000			
Upgrade Communications Center equipment	Upgrade/Replacement of Communications Center Equipment radio consoles	200,000	Operating/CRF (Fed/State Grant)					200,000		
Upgrade storage capacity	Increase storage server capacity	15,000	Operating/CRF							
Radio Infrastructure Replacement	Replace Radio Transmitters/Receivers 5 transmit & receive units and 2 receive only units	190,000	Operating/CRF (Fed/State Grant)						195,000	
Dispatch Totals				0	10,000	321,000	141,000	215,000	195,000	16,000
FIRE TOTALS (1)				442,000	234,500	1,316,000	880,000	630,000	1,118,000	616,000
EMERGENCY MANAGEMENT										
Portable emergency sign trailer	Purchase portable information signage boards for emergency notifications	15,500	Operating/CRF (2757.6.425)		15,500					
Emergency signage boards	Purchase permanent information signage boards for emergency notifications	20,000	Operating/CRF			20,000				
Mobile generator	Purchase mobile generator for emergency use at Municipal Water pumps, stations at Town facilities.	75,000	Operating/CRF (Fed/State Grant)				75,000			
Mobile decontamination trailer	Purchase mobile trailer for 96 hazards and Haz-Mat decontamination at crashes	94,000	Public, Federal & State Grants (Regional Consideration)					94,000		
Communication and radio	Purchase communications and radio equipment	20,000	Operating/CRF						20,000	
Portable emergency sign trailer	Purchase portable information signage boards for emergency notifications	17,500	Operating/CRF							17,500
EMERGENCY MANAGEMENT TOTALS (1)				0	15,500	20,000	75,000	94,000	20,000	17,500

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EXECUTIVE / FINANCE DEPARTMENTS										
Exit 4A	50% Share of original 10,000,000 commitment with Leidos/contractor. No funding this FY. Ongoing work required to update/realize Environmental Impact Study (EIS) for federal filing.	5,000,000	Operating / Bond			1	1	1	1	1
E-Government Technology Development Program		Ongoing	Operating/GRF							
Computer/server room security upgrades	Install pre-processor system in computer/server room in DMIC for system security/reliability, remove source of water and replace carpet with tile.	17,000	Operating/GRF	17,000						
Update GIS Penetration Mapping	Update all GIS mapping	50,000	Operating/GRF							50,000
SAVV/Visualization hardware/software	Replace shared storage (5 year rotation)	40,000	Operating/GRF					40,000		
Microsoft Licensing (OS+IT Office 19)	Have all software licensing on a 7-9 year rotation	81,000	Operating/GRF				30,000		40,000	
Multi-Function Printer	Replace existing equipment. 44" large printer/copier/scanner/printer utilized by IT, Water and Wastewater. W and WW will reimburse the amount for purchase of this cost.	17,000	Operating/GRF		17,000					
Telephone System	Convert all analog devices to VOIP (handsets, switches, etc.)	44,000	Operating/GRF		44,000					
LAN/WAN Upgrades	Upgrade Buyer SIG LAN/WAN connectivity units at Recreation and Transfer Lease	17,000	Operating/GRF		17,000	0	36,000	40,000	45,000	60,000
E-Government Technology Sub-Totals				17,000	78,000	0	36,000	40,000	45,000	60,000
EXECUTIVE/FINANCE TOTALS				17,000	78,000	1	36,000	40,000	45,000	60,000
PLANNING	No FY15 - FY20 projects									
POLICE										
Revised Cruiser Replacement Program	Purchase of lease method fleet every three years.	725,000	Operating/Lease				380,000			
Unmanned swarms for Detectives	Purchase of lease unarmed cars every 5 years	150,000	Operating/Lease	377,400						375,000
Replace End of Life Base Radio Equipment	Replace End of Life Base Radio Equipment	500,000	Operating			150,000				
Purchase/Lease Cruiser MDTs	Purchase/Lease Cruiser MDTs	154,000	Capital/Lease				77,000			
Database Storage	Replace Storage System for Network Infrastructure	35,000	Capital/Lease			35,000				
Universal Forensic Extraction Device	Replace outdated equipment that allows detectives to search mobile devices and cell phones. \$1,500 trade-in allowance reflected in	10,500	Operating		10,500					
Telephone/Radio Reconfig	Replace Telephone/Radio Reconfig	19,500	Capital/Lease							
Evidence Change Impound Log	Camera for motorist storage of evidence and found property	32,200	Operating			32,200				
Telephone Handsets	Replace 7 Year Old Telephones	15,000	Operating						15,000	
Building Security	Upgrade Access Control for secured Security and Integrate with Municipal Center System	70,000	Operating/Lease			70,000				
Marked Utility Vehicle(Pickup Truck)	Replace 15 year old pickup truck/utility vehicle	30,000	Operating/Lease							30,000
TOTAL POLICE				479,600	27,000	181,000	427,000	900,000	46,000	462,000

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PUBLIC WORKS									
Highway									
North Shore Road, Beaver Lake Culvert (Replace with bridge)	Building a 7.5' Steel Arch Culvert to be replaced with a rigid frame precast structure	300,000	Capital Project Fund				300,000		
North High Street - Culvert Replacement	Replace/upgrade culvert bays deficient in 2008 & 2007 floods. Previously funded in Capital Project Fund.	300,000	Capital Project Fund		300,000				
Twinwood Rd - Culvert Replacement	Replace/upgrade culvert bays deficient in 2008 & 2007 floods.	100,000	Capital Project Fund			100,000			
LED Street light conversion	Downsize lights to be converted in first year of program.	60,000	Operating Budget		20,000	20,000	20,000		
North Shore Rd, Island Pond Bridge	Replace culverts at Taylor Brook with a rigid frame precast structure.	300,000	Operating/Capital Project Fund					20,000	300,000
Vehicle Replacement Program	Ford F150 (Engine/Tran) - 699.	26,000	Operating/Lease	26,000					
Vehicle Replacement Program	Ford F350 Truck (25%60%)	61,500	Operating/Grant (25%/60%)	61,500					
Vehicle Replacement Program	Ford F350 Truck (Highway) 963A.	61,500	Operating/Grant (25%/60%)	61,500					
Vehicle Replacement Program	Ford F150 (Engineering) - 546.	30,000	Operating/Lease			30,000			
Vehicle Replacement Program	Intl Lin-Pro (Highway) 559	125,000	Operating/Lease/Grant		125,000				
Vehicle Replacement Program	Replacement of 1869 Tractorless SideWalk Tractor (#696)	150,000	Capital Reserve Fund		150,000				
Vehicle Replacement Program	Black 10 Ton Truck (Highway) 575	200,000	Operating/Lease			200,000			
Vehicle Replacement Program	5 Ton Truck (Highway) 577	180,000	Operating/Lease					180,000	
Vehicle Replacement Program	10 Ton Truck (Highway) 57A	200,000	Operating/Lease						
Vehicle Replacement Program	Mask (Load) (Highway) 555A	200,000	Operating/Lease				200,000		
Vehicle Replacement Program	Ford F350 (Highway) 533B	50,000	Operating/Lease		50,000				250,000
Highway Sub-Totals				169,000	170,000	485,000	620,000	200,000	620,000
Building & Grounds									
Mason Center Community Center	Rebuilding parking lot	27,000	Operating			27,000			
East Broadway	Rebuilding Municipal parking lot	30,000	Operating			30,000			
Derry Municipal Center	Rebuilding Employee parking lot	30,000	Operating				30,000		
Derry Municipal Center	Garage replacement (Tax Collector and Tax Assessor Area)	27,500	Operating			27,500			
Veterans Hall	Fire Alarm System Update	21,000	Operating			21,000			
Vehicle Replacement Program	Ford F350 (Blkg. & Grounds) 587	35,000	Operating/Lease		35,000				
Buildings & Grounds Sub-Totals				0	35,000	30,000	30,000	0	0
Cemetery									
Vehicle Replacement Program	Ford F350 (Cemetery) 510	45,000	Operating/Lease					45,000	
Vehicle Replacement Program	Ford Ranger (Cemetery) 522	21,000	Operating/Lease					21,000	
Vehicle Replacement Program	RTV 1100 Utility Vehicle	25,000	Operating/Lease						25,000
Cemetery Roads	Rehabilitation of Roads	50,000	Operating						
Cemetery Sub-Totals					0	45,000		45,000	0

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Code Enforcement										
Vehicle Replacement Program	Chevy 1500 Truck (Code Ent.) BK-1 (currently using 521)	27,000	Operating/Lease	27,000						27,000
Vehicle Replacement Program	Chevy 1500 Truck (Code Ent.) BK-2	27,000	Operating/Lease							27,000
Code Enforcement Sub-Totals				27,000						27,000
Transfer Station										
Vehicle Replacement Program	CAT Articulating Loader (Transfer) 547A	110,000	Operating/Lease	110,000						
Vehicle Replacement Program	1980 Ford LT 9000 Tractor (558)	90,000	Operating/Lease		90,000					
Vehicle Replacement Program	1992 Mack 10 wheel (578)	90,000	Operating/Lease					90,000		
Transfer Trailer Replacement	Repair replacement schedule for fleet of trailers used for transporting solid waste & recyclable materials.	Ongoing	Operating/Lease		66,000				66,000	
Transfer Recycling Equipment	Double Barn Baler	400,000	Vehicle Trust Fund	400,000						
Transfer	Replace Existing Tipping Facility	3,000,000	Bond							
Transfer Station Sub-Totals				810,000	60,000		66,000		66,000	
Vehicle Maintenance										
Vehicle Replacement Program	Chevy 2500 Truck (Meh. Maint.) 564	27,000	Operating/Lease	27,000						
Equipment Replacement Program	35 ton Vehicle Lift	90,000	Capital Reserve Fund		90,000					
Vehicle Replacement Program	2001 Ford F350 (594)	35,000	Operating/Lease				35,000			
Vehicle Maintenance Sub-Totals				27,000	90,000		35,000			
Parks & Recreation										
Amateur-Carr / Playground Improvements	Ongoing improvements using trust & specialized funding to improve and expand the Lodge, playground, park equipment, amenities & program.	Ongoing	Trust				40,000			40,000
Ballfield Maintenance / Park Improvements	Consolidated funding for multiple projects, includes construction & site improvements, and repairs.	Ongoing	Operating				50,000	50,000	50,000	50,000
Hood Park	Hood Park: Fill / seal cracks & repaint basketball courts & hockey conditions, Refuse.	20,000	Operating	20,000						
Don Bell Park / Humphrey Rd / Other	Ongoing improvements to improve playground & park equipment, conditions, Refuse.	Ongoing	Operating							
Vehicles & Equipment	Ongoing scheduled replacement of vehicles & equipment. (FY15 purchase: Kubota L6030-5TC tractor w/brush attachment & Field Expansion Project to be completed in conjunction with Derry Little League to reconfigure Buckley Field to create another 90' regulation baseball diamond.	Ongoing	Operating/Lease	11,500	50,000		40,000	40,000	40,000	
90' Baseball Diamond		100,000	Capital Reserve Fund	1	1	1	1	1	1	1
Parks & Recreation Sub-Totals				31,500	50,000		134,000	180,000	90,000	90,000
PUBLIC WORKS TOTALS				822,500	418,000		641,000	790,000	356,000	627,000

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WATER										
IT Software	Viewdeck Asset Management Software	15,000	50% Water/50% VWW Receipts		7,000					
Zone 2 Municipal Water System Improvements	Construction 1.0 MG water storage tank off English Range Rd	3,000,000	Bond						3,000,000	
Water Main Upgrade & Replacement Program	As part of this Town's water system replacement program, older AC mains are replaced with new ductile iron mains. This improves the flow capacity of main lines, improve the structural strength of the mains and reduce leak potential and best water costs. In some cases water quality is also improved.	1,200,000	Water Receipts	220,000	220,000	220,000	220,000	220,000	220,000	220,000
Zero Turn Mower	Replacement mower for grounds maintenance	15,000	Water Receipts		15,000					
Vehicle Replacement Program	Mini Excavator to supplement backhoe for Utility Maintenance Programs	154,000	50% Water/50% VWW Lease		77,000					
Zone 3 Water System Expansion Phase II: Warner Hill Water Storage Tank	Construct new 1.0 MG Water Tank at East Quarry off Warner Hill Road and mains from Hempstead Rd to new tank	4,500,000	Bond			4,500,000				
Zone 3 Water System Expansion Phase III: New mains to Floyd/Lawrence Roads and Route 29 at Berry Rd	Construct/finish new water lines to Floyd Rd and Lawrence Rd to Route 29 at Berry Rd	3,500,000	Bond							3,500,000
Garage Addition - WWTP	Construct Additional Maintenance Garage to house vehicles, equipment, fittings, etc.	60,000	50% Water/50% VWW Receipts		40,000					
Woodstock CVS Booster Station	Improvements (Treatment for Fe/Mn/Sulfide) - Treatment required to comply with EPA regulation for arsenic.	260,000	Bond							
Vehicle Replacement Program	Replace - 2004 Ford F350 Utility body, cab and chassis 537A	60,000	Water Receipts			60,000				
Rand CSW Booster Station	Imp/Treat Fe/Mn/Sulfide	475,000	Water Receipts						475,000	
Vehicle Replacement Program	Replace - 567 w/ Ford F150 pickup	25,000	Water Receipts			25,000				
Vehicle Replacement Program	Replace - 530/80 V6, Tac Utility & Trailer	37,000	Water Receipts			37,000				
Vehicle Replacement Program	Replace - Ford F350 543A with Cherry Pickup	40,000	Water Receipts						40,000	
Vehicle Replacement Program	Replace - 2011 Ford F350 Utility truck 517A with new Cherry Pickup	40,000	Water Receipts							40,000
Pennichuck Water Systems Acquisitions	Municipal acquisition of Pennichuck Derry Branch from Nashua	1	Bond/Water Receipts				1			
Willow CVS	Add second bedrock well	25,000	Water Receipts		25,000					
Rodriguez Road - Route 28 Improvements: Water Booster Station	Construct new Water Booster Station at Rodriguez Road	575,000	Water Receipts/Fund Balance	575,000						
Vehicle and Equipment Replacement Program	Replace Emergency Shredder Mobile Generator	35,000	Water Receipts						35,000	
Vehicle and Equipment Replacement Program	Replace - Vehicle 507A 2009 F350 Pick up - Fuel Truck	36,000	Water Receipts						36,000	
WATER TOTALS				917,000	384,600	4,700,000	220,001	773,000	3,295,000	3,700,000

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WASTEWATER										
Sewer Lagoon Pump Station	New System Controls	10,000	Wastewater Receipts		10,000					
Collection Treatment	WWTP Lagoon 2 - Remove & replace Air System	225,000	Bond/Capital Reserve				225,000			
Collection Treatment	WWTP Lagoon 2 - Replace baffles	75,000	Bond/Capital Reserve				75,000			
WWTP - Main Inflow Pump Station	Rebuild Pump 1 - Inflow Pump Station	20,000	Wastewater Receipts		20,000					
IT Software	Vehicle Asset Management Software	15,000	50% Water/50% WW Receipts		7,500					
Collection System Improvements	Sewer Lift Station Control System Upgrade	100,000	Wastewater Receipts			20,000				20,000
Collection Treatment	WWTP Lagoon 3 - Replace Air system, new baffles	400,000	Bond/Capital Reserve			400,000				
Equipment Upgrade	Install variable frequency drive at Old English pump station	12,000	Wastewater Receipts	12,000						
Collection Treatment	WWTP - Upgrade yard piping hydraulics	75,000	Bond/Capital Reserve			75,000				
Vehicle Replacement Program	Replace - Sewer Cleaner 359	180,000	Wastewater Receipts / Capital Reserve			60,000				
Vehicle Replacement Program	Replace - Ford F350 Pickup 531A	35,000	Wastewater Receipts	35,000						
Single Addition - WWTP	Connect additional Ultrasonic Gages to house vehicles, equipment, Billing, etc.	80,000	50% Water/50% WW Receipts		40,000					
Vehicle Replacement Program	Replace - Ford Ranger 581	35,000	Wastewater Receipts		35,000					
Collection Treatment	WWTP Lagoon 1 - Remove sudge	300,000	Bond/Capital Reserve							300,000
Collection Treatment	WWTP Lagoon 1 - Replace liner	400,000	Bond/Capital Reserve							400,000
Main Pump Station	Robomat Rebuild automated WW Influent Bar Screen	40,000	Wastewater Receipts / Capital Reserve		40,000					
Vehicle Replacement Program	Mini Excavator to supplement backhoe by Utility Maintenance Program	154,000	50% Water/50% WW Lease		77,000					
WWTP	Lagoon 2 Remove Sludge	200,000	Bond					200,000		
Vehicle Replacement Program	New Ford F350 PJJ	30,000	Wastewater Receipts			30,000				
WWTP	New Effluent Vial Well - By Pass Pump	30,000	Wastewater Receipts			30,000				
WWTP	Lagoon 2 Replace Ufer	400,000	Bond					400,000		
WWTP - Septic / Lagoon Sludge removal and Disposal	Remove and Dispose of estimated tone of Lagoon Sludge from site of future transfer station	625,000	Bond; Wastewater Receipts	625,000						
CCTV Sewer Line Video Inspection Unit	CCTV video inspection unit	75,000	Wastewater Receipts							
Vehicle Replacement Program	Replace International L5 Ton Dump Truck 578	85,000	Wastewater Receipts						85,000	
Vehicle Replacement Program	Replace 5444-2028 7850 Cab & Chassis and Utility Body	65,000	Wastewater Receipts					65,000		
WWTP Equipment replacement - Blower 1	Replace primary aeration blowers at WWTP	220,000	Wastewater Receipts							110,000
WASTEWATER TOTALS				747,000	237,400	620,000	300,000	746,000	214,000	820,000

TOWN OF DERRY, NH
Town Council Adopted Six Year Capital Improvement Plan
Fiscal Years 2015- 2020

Item by Group	Project Description	Total Cost Estimate	Funding Mechanism	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
CABLE										
Office Area										
Replacement/upgrade Administrator office workstation		\$5,000	Franchise Revenue		5,000					
Master Control Operators										
Replacement of Control Tower Access Channel	End of life No Support	\$5,000	Franchise Revenue	5,000						
Broadcast Automation System Channel 17	Replacement of existing server	\$20,000	Franchise Revenue						20,000	
Broadcast Automation System Channel 23	Replacement of existing server	\$20,000	Franchise Revenue						20,000	
UPS Unit Replacements	Routine replacement, end of life	\$2,000	Franchise Revenue	2,000						
Replacement for SX4 Video server	Replacement of existing server	\$20,000	Franchise Revenue	20,000						
Studio										
Replace Studio Switcher	Replacement of end of life	\$50,000	Franchise Revenue							
Replacement Studio Control Surface	Control surface compatible with Tricaster System	\$2,000	Franchise Revenue		2,000					
Replacement of Onepus system	End of life No Support	\$5,000	Franchise Revenue				5,000			
Workstation Upgrade	Replace workstation to more functional layout	\$5,000	Franchise Revenue	5,000						
Meeting Room Floor 40 DITC										
Layout Upgrade	Upgrade layout of Control desk and center presentation area	\$20,000	Franchise Revenue	20,000						
Switcher	Replace switcher - Moving to HD	\$50,000	Franchise Revenue			50,000				
Camera Replacements Switch to HD	Replace Meeting Room Cameras	\$20,000	Franchise Revenue					20,000		
Mobile Production Truck										
Mobile Production Trailer	Replacement for current mobile truck	\$25,000	Franchise Revenue		25,000					
Replacement of Graphics system	End of life	\$5,000	Franchise Revenue							
Camera replacements	Technology move from SD to HD	\$30,000	Franchise Revenue				30,000			
CABLE TOTALS				62,000	38,000	37,000	37,000	45,000	22,000	22,000
DERBY PUBLIC LIBRARY										
Restoration of driveways and parking area	While originally approved in the FY13 budget, this project was delayed until the conversion to natural gas was completed.	10,000	Capital Reserve Fund							
Natural gas conversion	Convert current oil heat to natural gas for energy savings	\$63,000	Operating	63,000						
Upgrade fire panel and detectors	Replace 23 year old system, Fire Inspector agreed to recommendator	\$16,000	Operating	16,000						
Reconstruction of foyer entrance area	Reconstruction of foyer entrance to eliminate water infiltration and damage to the building and materials.	\$30,000	Operating		30,000					
Rubber roof system replacement	Replace 22 year old roof, including fixing flat areas since the old rubber	\$43,302	Operating			43,302				
Skylight replacements	Replace deteriorating skylights in the subterranean flat roof area in conjunction with the roofing replacement.	\$28,302	Operating			28,302				
Roof replacement	Replace existing metal roof, including installation of water seal (see schedule, air edge around perimeter, and flashing at wall and roof penetrations.	\$181,329	Operating					181,329		
DERBY PUBLIC LIBRARY TOTALS				99,000	40,000	73,882	0	181,329	0	0
TAYLOR LIBRARY										
	No FY15 - FY20 projects			0	0	0	0	0	0	0
TAYLOR LIBRARY TOTALS				0	0	0	0	0	0	0

TOWN OF DERRY, NH
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CIP SUMMARY	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
FIRE (1)	\$ 142,000	\$ 284,500	\$ 1,215,500	\$ 890,001	\$ 620,000	\$ 1,118,000	\$ 615,000
EMERGENCY MANAGEMENT	0	15,500	26,000	75,000	94,000	20,000	17,500
EXECUTIVE / FINANCE	17,001	78,001	1	36,001	40,001	45,001	50,001
PLANNING	0	0	0	0	0	0	0
POLICE	479,603	27,095	191,000	427,000	500,000	45,000	452,000
PUBLIC WORKS	832,501	419,001	795,001	641,001	730,001	356,001	637,001
DERRY PUBLIC LIBRARY	99,090	40,000	73,892	0	181,325	0	0
TAYLOR LIBRARY	0	0	0	0	0	0	0
TOWN OF DERRY GOVERNMENT Sub-Totals (excluding Water, Wastewater & Cable)	\$ 1,570,195	\$ 814,097	\$ 2,402,394	\$ 2,068,003	\$ 2,165,331	\$ 1,694,002	\$ 1,771,502
WATER	917,000	384,500	4,720,000	220,001	773,000	3,295,000	3,760,000
WASTEWATER	747,000	237,500	620,000	380,000	745,000	215,000	830,000
CABLE	52,000	35,000	37,000	37,000	48,000	22,000	22,000
TOWN OF DERRY TOTAL CIP	\$ 3,296,195	\$ 1,474,097	\$ 7,779,394	\$ 2,706,004	\$ 3,731,331	\$ 5,116,002	\$ 6,383,502
(1) Includes \$509,000 for regional training building, equipment and simulators (FY16-FY20), that would only be funded if grants were received and accepted.							
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