



**TOWN OF NEWINGTON
LONG RANGE
CAPITAL IMPROVEMENT PLAN
2016-2017 THROUGH 2020-2021
COUNCIL ADOPTED**



Roy Zartarian

TOWN OF NEWINGTON

131 CEDAR STREET

NEWINGTON, CONNECTICUT 06111

OFFICE OF THE MAYOR

April 5, 2016

This document represents the Town Council's Adopted Long Range Capital Improvement Plan. This Plan, representing the Fiscal Years 2016-2017 through 2020-2021 long-range capital needs, starts with the 2015-2016 fiscal year and plans an additional five years forward. As presented, I believe it provides a roadmap for the long-term capital needs of the Town. It is important to keep in mind this plan does not bind the ultimate policy decisions of future councils.

Each day, the community, its residents, businesses and visitors use the public infrastructure – our roads, buildings and parks. As such, these valuable assets play a significant role in our community's quality of life. In order to best serve the needs of the community, however, such assets must be maintained appropriately. Over the years, the Town has established a solid record of maintaining its fleet through the Equipment Reserve Fund. The ongoing maintenance and capital needs of our facilities, however, have fallen behind. It is only through the timely and appropriate investment into our facilities that we may maximize the life expectancy of our facilities while minimizing the impact of future bond issues on the taxpayer.

Over the past few years, the need to develop, plan and fund a truly integrated Capital Improvement Plan that addresses both General Government and Board of Education capital projects has become more apparent. Historically, significant capital projects for education facilities have been funded through bond referendums while other educational capital needs are financed in accordance with the Public School Capital Improvement Projects Reserve Fund (Code of Ordinances 48-14 et seq.). This historically separate process has resulted in a number of capital needs that are deferred to the point where what was once a maintenance matter becomes a costly replacement matter. The most significant challenge in developing a truly integrated Capital Improvement Plan lies with the timing in which funding is available. This factor cannot inhibit the need to progress towards the ultimate goal of a truly integrated Capital Improvement Plan.

To address the capital needs of the Town in a comprehensive fashion, the Town Council in November 2006 established a Capital Improvement Program Committee to provide a framework for the planning, scheduling and financing for the Town's multi-year capital improvement plan. Composed of Town Council (3) and Board of Education (2) members, with the assistance of Town and Board staff, this Committee's recommendations are advisory in nature, with policy decision making power left with the full Town Council. The committee addresses the following components of the Town's capital planning process:

- Evaluation of project priorities within the Town's ability to pay, public health and safety needs of its residents and legal mandates.
- Integration of Town and Board projects.
- Financing plans for capital projects.

Phone: (860) 665-8506 Fax: (860) 665-8507

rzartarian@newingtonct.gov

www.newingtonct.gov

- Coordination of the CIP program with the annual operating budget.

The Long Range CIP is comprised of two parts - capital projects and replacements of major equipment via the Equipment Replacement Reserve - defined as follows:

1. Capital Projects include major construction projects, alterations to existing facilities, new equipment and other non-recurring expenditures that have a long useful life. Items or projects qualifying for inclusion in the Capital Projects category have a life expectancy of at least seven (7) years AND cost at least \$25,000. Items that do not meet BOTH of these requirements are funded out of the operating budget. An exception to this would be if a capital project for a smaller dollar amount were grant eligible and reimbursement required that it be in the Capital Improvement Plan.
2. The Equipment Replacement Reserve provides for funding for the replacement of major capital equipment and rolling stock in the Public Safety, Public Works, General Government and Parks & Recreation Departments. Funding is contributed annually to accumulate sufficient resources to pay for current and future replacement of major equipment based upon the "Equipment Replacement Schedule." Major equipment replacements to be financed out of the Equipment Reserve must have a life expectancy of at least seven (7) years. Proposed replacements that do not meet this requirement are funded out of the operating budget. The replacement of Police cruisers which have a useful life of only a few years are incorporated into this replacement schedule but are appropriated in the Police operating budget.

In order to be eligible for the Local Capital Improvement Program (LoCIP) grant funds, the State requires that a Capital Improvement Plan be adopted by the Town Council. These grant funds are used for the Town's road improvement program. Annually, following discussion and review by the Town Council, a formal resolution by the Town Council to adopt the plan is required.

This document contains schedules to present the projects as requested by departments and the use of State funds such as LoCIP and Town Road Aid to offset the cost to the General Fund. The capital plan is summarized in several methods to illustrate the overall picture for the next five years. Other schedules included present the payment of lease-purchase financing commitments, balances of existing capital projects, projected use of the Public School Capital Improvement Projects Reserve Fund including the Board of Education's approved Capital Improvement Plan, the Town's five year road program, and an updated status of the Town's entire fleet.

This Plan is intended to serve as a guide to the Town in addressing policy decisions for the upcoming years and the overall planning of Newington's growth. The time spent by the Town Council in reviewing this Plan, and subsequently adopting the Capital Improvement Plan, gives weight and credence to the importance of this document. As evidenced by the recently identified needs of our General Government and Board of Education facilities, this tool – in conjunction with the annual operating budget - provides a basis for fiscal stability while meeting the many current and future needs of the Town of Newington.

Respectfully submitted,


Roy Zartarian
Mayor

INDEX

		<u>Page</u>
Capital Improvement Plan Summary	(Table 1)	1
Existing Long-Term Debt Schedule	(Table 2)	3
Current Bonded Debt	(Table 2)	3
Proposed Long-Term Debt Schedule	(Table 3)	5
Comprehensive Capital Improvement Plan, Total Funds	(Table 4)	7
Council Adopted Capital Improvement Plan 2015-2016	(Table 5)	17
Five Year Capital Improvement Plan	(Tables 6A through 6E)	18

APPENDICES

A.	Summary of Capital Projects	24
B.	Public School Capital Improvement Projects Reserve Fund	26
C.	Comprehensive Road Program	28
D.	Equipment Reserve Funds and Major Equipment Replacement Schedule	34
E.	Town Council Resolution dated June 28, 2016	47

TABLE 1

CAPITAL IMPROVEMENT PLAN SUMMARY
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021
BY SOURCES OF FUNDING

Sources of Funding	COUNCIL ADOPTED 2015-2016	COUNCIL ADOPTED 2016-2017	PROPOSED CAPITAL IMPROVEMENT PLAN				TOTAL
			2017-2018	2018-2019	2019-2020	2020-2021	
Town Funds	4,660,169	4,908,369	3,549,419	3,193,327	2,647,659	2,978,921	21,937,864
State Aid							
LoCIP	220,000	200,000	300,000	300,000	200,000	200,000	1,420,000
Town Aid Road	410,000	400,000	400,000	400,000	400,000	400,000	2,410,000
School Building Grants	932,000	930,336	500,000	630,872	500,000	395,000	3,888,208
Other Revenue	40,000	40,000	40,000	40,000	40,000	40,000	240,000
TOTALS	6,262,169	6,478,705	4,789,419	4,564,199	3,787,659	4,013,921	29,896,072

CAPITAL IMPROVEMENT PLAN SUMMARY
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021
BY PAY-AS-YOU-GO PROJECTS AND DEBT SERVICE PAYMENTS

Project Category	COUNCIL ADOPTED 2015-2016	COUNCIL ADOPTED 2016-2017	PROPOSED CAPITAL IMPROVEMENT PLAN				TOTAL
			2017-2018	2018-2019	2019-2020	2020-2021	
Pay-As-You-Go							
General Government	814,900	1,859,962	1,034,019	764,055	659,400	582,050	5,714,386
Public Safety	499,500	444,500	290,000	150,000	150,000		1,534,000
Public Works	420,000	636,000	525,000	475,000	625,000	525,000	3,206,000
Community Development	536,200	15,638					551,838
Parks And Recreation	175,000	150,000	350,000	300,000	100,000	425,000	1,500,000
Education	2,633,328	2,143,205	625,000	755,872	340,859	495,877	6,994,141
Equipment Replacement	553,241	629,400	725,400	748,400	772,400	950,994	4,379,835
Annual Debt Service Payments	1,227,831	1,191,631	2,750,581	4,006,081	4,767,731	4,658,931	18,602,786
TOTALS	6,860,000	7,070,336	6,300,000	7,199,408	7,415,390	7,637,852	42,482,986

TABLE 2

NEWINGTON'S LONG-TERM DEBT SCHEDULE
ANNUAL DEBT SERVICE PAYMENTS ON EXISTING SERIAL BONDS

Fiscal Year Ending June 30,	Refunding of Education Facilities I & II	Refunding of Police Station I & II	Total Principal and Interest Payments
	\$4,992,000	\$4,818,000	
	Issued 2/2013	Issued 2/2013	
	1.58%	1.58%	
	true interest cost	true interest cost	
2017	685,982	505,649	1,191,631
2018	664,768	485,814	1,150,581
2019	314,184	471,897	786,081
2020	302,955	457,276	760,231
2021	291,726	439,705	731,431
2022	280,611	427,320	707,931
2023	269,610	410,021	679,631
2024	258,723	392,908	651,631
2025		188,931	188,931
2026			
TOTALS	\$ 3,068,559	\$ 3,779,523	\$ 6,848,081

Total Principal Payments	\$ 6,255,000
Total Interest Payments	\$ 593,081
Total Principal and Interest Payments	<u>\$ 6,848,081</u>

CURRENT BONDED DEBT
As of June 30, 2016

Education	\$ 2,826,000
Public Safety	\$ 3,429,000
Total	<u>\$ 6,255,000</u>

DEBT MANAGEMENT

In order to address the Town's current building project needs, we sought the advice of our financial consultants at Phoenix Advisors to update the Debt Capacity Study of 2002. This updated approach will help us better understand our financial capacity looking forward.

As a result, the following considerations should be utilized with regard to the Town's issuance of general obligation bonds and the potential credit impact additional borrowing will have on the Town's strong AA+ Standard & Poor's credit rating.

- To the extent that other important rating criteria (reserve levels, economic activity, and demographic characteristics) do not deteriorate, the impact of the proposed projects on the ability of the Town to maintain the AA+ credit rating should be manageable.
- Current debt ratios for the Town are among the lowest in the State (debt per capita, debt to budget, debt to full value etc.). Therefore, the town has capacity to add debt over time while maintaining the current rating. For example, S&P awards its highest marks for Debt Service to Budget at any level below 8%. As such, the Town could borrow up to \$82 million over four years and maintain a ratio of 5.8%.
- The Town has been budgeting \$6.3 million annually for debt service and Pay-As-You-Go (PAYG) financing. This base allows the Town to add \$50 million of borrowing for potential building projects over the next few years without significantly increasing the line item in the budget. This will also allow for a stable annual PAYG program.

The chart below depicts the blending of current CIP Policy of \$6.3 million and a future policy of Debt to Budget of 5.8% (using an assumed rate of a 3% appropriation increase) and placing a ceiling of \$5 million on Pay-As-You-Go over the long-term.

TABLE 3

NEWINGTON'S PROPOSED LONG-TERM DEBT SCHEDULE
ANNUAL DEBT SERVICE PAYMENTS ON EXISTING & PROPOSED SERIAL BONDS

Fiscal Year Ending June 30,	Existing Long-Term Debt	Undesignated Building Projects			A Total Debt Service	Total Outstanding Debt	B Funding for Pay As You Go Projects*	A + B Combined Debt Service & PAYG
		\$20,000,000 Issued 5/2017 3.00%	\$20,000,000 Issued 5/2018 3.25%	\$10,000,000 Issued 5/2019 3.50%				
2017	1,191,631				1,191,631	25,220,000	5,108,369	6,300,000
2018	1,150,581	1,600,000			2,750,581	43,195,000	3,549,419	6,300,000
2019	786,081	1,570,000	1,650,000		4,006,081	50,500,000	3,193,327	7,199,408
2020	760,231	1,540,000	1,617,500	850,000	4,767,731	47,310,000	2,647,659	7,415,390
2021	731,431	1,510,000	1,585,000	832,500	4,658,931	44,135,000	2,978,921	7,637,852
2022	707,931	1,480,000	1,552,500	815,000	4,555,431	40,970,000	3,311,556	7,866,988
2023	679,631	1,450,000	1,520,000	797,500	4,447,131	37,820,000	3,655,866	8,102,997
2024	651,631	1,420,000	1,487,500	780,000	4,339,131	34,685,000	4,006,956	8,346,087
2025	188,931	1,390,000	1,455,000	762,500	3,796,431	32,000,000	4,800,039	8,596,470
2026		1,360,000	1,422,500	745,000	3,527,500	29,500,000	5,000,000	8,527,500
2027		1,330,000	1,390,000	727,500	3,447,500	27,000,000	5,000,000	8,447,500
2028		1,300,000	1,357,500	710,000	3,367,500	24,500,000	5,000,000	8,367,500
2029		1,270,000	1,325,000	692,500	3,287,500	22,000,000	5,000,000	8,287,500
2030		1,240,000	1,292,500	675,000	3,207,500	19,500,000	5,000,000	8,207,500
2031		1,210,000	1,260,000	657,500	3,127,500	17,000,000	5,000,000	8,127,500
2032		1,180,000	1,227,500	640,000	3,047,500	14,500,000	5,000,000	8,047,500
2033		1,150,000	1,195,000	622,500	2,967,500	12,000,000	5,000,000	7,967,500
2034		1,120,000	1,162,500	605,000	2,887,500	9,500,000	5,000,000	7,887,500
2035		1,090,000	1,130,000	587,500	2,807,500	7,000,000	5,000,000	7,807,500
2036		1,060,000	1,097,500	570,000	2,727,500	4,500,000	5,000,000	7,727,500
2037		1,030,000	1,065,000	552,500	2,647,500	2,000,000	5,000,000	7,647,500
2038			1,032,500	535,000	1,567,500	500,000	5,000,000	6,567,500
2039				517,500	517,500	-	5,000,000	5,517,500
TOTALS	6,848,081	26,300,000	26,825,000	13,675,000	73,648,081			

Total Principal Payments	\$ 56,255,000
Total Interest Payments	\$ 17,393,081
Total Principal and Interest Payments	\$ 73,648,081

* Fiscal Years Ending 6/30/17 and 6/30/18 assume a \$6.3 million cap on Debt Service and Pay-As-You-Go. Subsequent years assume Debt Service & PAYG at a total of 5.8% of budget with PAYG capped at \$5 million

NOTE: Please refer to the Town Council Resolution dated June 28, 2016 which is in Appendix E.

TABLE 4
COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
PROJECT DESCRIPTIONS
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021

GENERAL GOVERNMENT

Multiple year projects are continued in FY 2016-2017 for Information Technology Reserve which allows for enhancements of and supplements to the General Government's computer system by rebuilding the network infrastructure as identified in the long range Strategic Technology Plan; General Property Improvements for major repairs and upgrades to aging Town Buildings, and Town Buildings Mechanical Reserve for systematic replacement of aging and failed HVAC, electrical, plumbing and support equipment at the various Town buildings.

Projects for FY 2016-17 are:

- Town Hall Improvements includes funding for improvements to Town Hall such as replacing the roof. The total estimated cost of the roof is \$1,172,000 of which \$586,708 is currently available in this account. If it is determined that a new Town Hall/Community Center will be constructed, these funds may also supplement financing the project costs.
- Senior & Disabled Center Asbestos & Lead Abatement is to fully abate the Center's tunnels and two rooms of all asbestos and lead.
- Highway Garage HVAC Conversion to Natural Gas is for the replacement of oil fired heating units with high efficiency gas fired ceiling unit heaters throughout the building, removal of the underground oil tank and conversion of the generator from propane to natural gas. CNG will install a main natural gas line from Milk Lane to the highway garage building at no cost to the Town.
- Parks Garage Boiler and HVAC Replacement replaces the hot water boiler and hot water fan units with a new on-demand hot water heater and high efficiency radiant ceiling heat units. Additionally, this project allows for the installation of a high efficiency gas heating unit with air conditioning in the office area.

Multiple year funding begins in FY 2016-2017 for:

- Senior & Disabled Center HVAC Replacement for replacement of 19 HVAC wall mounted unit ventilators.
- Historic Properties Upgrades – Kelsey & Kellogg Eddy Homes is to replace the cedar roofing at the Kelsey House and repair the soffit, fascia and window sills. Funding also includes painting the interior and exterior of the home. Upgrades to the Kellogg Eddy House include roof repairs and interior painting.
- Town Buildings Sidewalk Replacement & Repairs to begin the replacement or repair of sidewalks, handicap ramps and masonry at various Town owned facilities.

Projects proposed for FY 2017-2018 are:

- Highway Garage Building Addition to build a 2,400 square foot addition to the existing garage to provide adequate space for servicing the Town's larger vehicles. Funding continues in FY 2018-2019 to complete this project.
- Library Roof Replacement to replace the remaining shingled section of the Library roof.
- Senior & Disabled Center Boiler Replacements to replace hot water boilers and pumps which are oversized and past their useful life.

Funding is included in FY 2019-2020 for Highway Garage Building Upgrades & Repairs.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021

PROJECT TITLE	Financing**	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED	ADOPTED					
		2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	
General Government								
Information Technology Reserve	P	438,900	164,500	393,019	389,055	334,400	457,050	2,176,924
General Property Improvements	P	150,000	175,000	100,000	100,000	100,000	100,000	725,000
Town Buildings Mechanical Reserve	P	50,000	100,000	25,000	25,000	25,000	25,000	250,000
Town Hall Improvements	P		733,462					733,462
Senior & Disabled Center Asbestos & Lead Abatement	P		290,000					290,000
Highway Garage HVAC Conversion to Natural Gas	P		215,000					215,000
Parks Garage Boiler & HVAC Replacement	P		70,000					70,000
Senior & Disabled Center HVAC Replacement	P		62,000	62,000				124,000
Historic Properties Upgrades - Kelsey & Kellogg Eddy Homes	P		25,000	25,000				50,000
Town Buildings Sidewalk Replacement & Repairs	P		25,000	25,000				50,000
Highway Garage Building Addition	P			224,000	250,000			474,000
Library Roof Replacement	P			100,000				100,000
Senior & Disabled Center Boiler Replacements	P			80,000				80,000
Highway Garage Building Upgrades & Repairs	P					200,000		200,000
Revaluation 2015	P	116,000						116,000
Library Boiler Replacement	P	60,000						60,000
Total General Government		814,900	1,859,962	1,034,019	764,055	659,400	582,050	5,714,386

** Sources of Financing is designated as follows: P for Pay-as-you-go; B for Bonding; G for Grant

PUBLIC SAFETY

Radio Replacement Reserve in FY 2016-17 continues multiple year funding to allow for a systematic, centralized approach to replace aging radio communication equipment. This project utilizes funds received from the land lease for the cell tower at Newington High School.

FY 2016-2017 is the second year of funding for Fire Dept. SCBA Replacement which will replace the 20 year old self-contained breathing apparatus (SCBA) units. Alternative financing for these units may be available if the application to the Federal Emergency Management Agency (FEMA) is granted.

The following projects are funded in FY 2016-2017:

- Fire Dept. Personal Protective Equipment Replacement for the replacement of 10 year old structural firefighting personal protective equipment (PPE) that per National Fire Protection Association (NFPA) standards has met the end of its practical life and must be removed from service.
- Fire Co. 3 Shingled Roof Replacement for replacement of this facility's failing roof.
- Fire Co. 2 & 3 Chimney Removal to remove chimneys at both firehouses that are no longer needed and have created leaks into the electrical panels and alarm systems.

In FY 2016-2017, multiple year funding begins for Fire Dept. 5" Fire Hose Replacement which will replace the existing hose on the apparatus as it is 10 years old.

The following projects are proposed in FY 2017-2018:

- Public Safety Radio System Enhancement for replacement of the existing tower site for the main repeater station at the vacant Cedarcrest Hospital on Russell Road. If this State property, which is currently on the market, is purchased and demolished the Police Department will no longer be available to house the main repeater at this location.
- Fire Co. 1 Bathroom Remodel for the replacement of the 30 year old bathroom and locker room that no longer meet the demands of the department volunteers during extended emergencies.

Funding is proposed in FY 2018-2019 and FY 2019-2020 to purchase land in order to expand/replace the facilities that house Fire Companies 3 and 4.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021

PROJECT TITLE	Financing	COUNCIL ADOPTED 2015-2016	COUNCIL ADOPTED 2016-2017	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
				2017-2018	2018-2019	2019-2020	2020-2021	
Public Safety								
Radio Replacement Reserve	P	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Public Safety Radio System Enhancement	P			200,000				200,000
Fire Dept SCBA Replacement	P/G	237,500	237,500					475,000
Fire Dept Personal Protective Equipment Replacement	P		72,000					72,000
Fire Co 3 Shingled Roof Replacement	P		40,000					40,000
Fire Dept 5" Fire Hose Replacement	P		30,000	30,000				60,000
Fire Co 2 & 3 Chimney Removal	P		25,000					25,000
Fire Co 1 Bathroom Remodel	P			60,000				60,000
Fire Co 4 Fire House Replacement (Land Acquisition)	P				150,000			150,000
Fire Co 3 Fire House Replacement (Land Acquisition)	P					150,000		150,000
Fire Co 1 Breathing Air System Replacement	P	65,000						65,000
Fire Co 2 Breathing Air System Replacement	P	65,000						65,000
Fire Co 2 & 3 Replacement Emergency Generators	P	45,000						45,000
Fire Co 2 & 3 Heating System Replacement	P	47,000						47,000
Total Public Safety		499,500	444,500	330,000	190,000	190,000	40,000	1,694,000

** Sources of Financing is designated as follows: P for Pay-as-you-go; B for Bonding; G for Grant

PUBLIC WORKS - ENGINEERING

The Town receives from the State, through the LOCIP and Town Aid for Roads Grants, approximately \$600,000 annually for improvements to the road infrastructure of the community in order to ensure the safety of the students, commuters and residents that travel our roadways on a daily basis. In FY 2016-2017 an additional \$286,000 has been proposed to make a total of \$886,000 available to repair over 16,000 linear feet of roads. Details of the annual road reconstruction and resurfacing program for the five-year period appear in Appendix C.

Road Reconstruction Program includes the continuation of the multi-year program to completely reconstruct targeted roads. Grant funding through the Local Capital Improvement Program (LOCIP) is used for the road reconstruction program, while the Town Aid for Roads Grant funds the Pavement Crack Seal portion of this program (improves roadways that crack during inclement conditions).

Road Resurfacing Program provides funding to continue the annual pavement resurfacing program to: 1) repair and preserve roads which have been built to proper specifications, and 2) hold inadequate streets together in acceptable form until they can be addressed by the reconstruction program. This effort is considered major maintenance rather than capital investment but, because of the magnitude of the funding and the appropriateness of programming for it in the long-range plan, it is included in this overall CIP. The Town uses Town Aid for Roads and LOCIP State Grant funds to offset the costs of this program.

Multiple year funding continues in FY 2016-2017 for:

- Drainage Improvements to repair, replace, reconstruct the existing drainage infrastructure throughout the Town. This funding is needed to replace the Town's aging stormwater drainage infrastructure. Portions of the drainage system have been identified with reoccurring problematic events associated with flooding, erosion and deterioration of the roadway infrastructure.
- Sidewalk Repair Program for repair of aging sidewalks for which the Town is responsible.
- Public Building Resurfacing Program to resurface driveways and parking lots at Town facilities.
- Stonewall Repair Program addresses the increasing demand for the repair and/or reconstruction of existing stonewalls for which the Town is responsible.

Funding is included in FY 2016-2017 for Elton Drive Terminus Construction which will include the construction of a paved hammerhead at the southerly terminus of Elton Drive along with tree removal, excavation, minor drainage improvements, curbing, topsoil, turf, and plantings.

PUBLIC WORKS – HIGHWAY

Multiple year funding continues in FY 2016-2017 for Traffic Signal Repair & Replacement Reserve to provide funding for replacement and repairs to traffic signals and traffic preemption on an ongoing basis.

PUBLIC WORKS – SANITATION

Multiple year funding continues in FY 2016-2017 for Landfill Conversion to Transfer Station to continue to convert current bulky waste landfill on Main Street into a transfer station under a new general permit required by the Department of Energy and Environmental Protection (DEEP). This \$1,000,000 project is also subsidized with \$460,000 of grant funds.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021

PROJECT TITLE	Financing**	COUNCIL ADOPTED 2015-2016	COUNCIL ADOPTED 2016-2017	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
				2017-2018	2018-2019	2019-2020	2020-2021	
Public Works - Engineering								
Road Resurfacing/Reconstruction	P	800,000	886,000	900,000	900,000	900,000	900,000	5,286,000
Drainage Improvement	P	100,000	100,000	100,000	50,000	100,000	100,000	550,000
Sidewalk Repair	P	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Public Building Resurfacing Program	P	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Stonewall Repair	P		25,000	25,000	25,000	25,000	25,000	125,000
Elton Drive Terminus Construction	P		25,000					25,000
Public Works - Highway								
Traffic Signal Repair & Replacement Reserve	P	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Public Works - Sanitation								
Landfill Conversion to Transfer Station	P	50,000	100,000	100,000	100,000	100,000		450,000
Total Public Works		1,050,000	1,236,000	1,225,000	1,175,000	1,225,000	1,125,000	7,036,000

** Sources of Financing is designated as follows: P for Pay-as-you-go; B for Bonding; G for Grant

COMMUNITY DEVELOPMENT

Multiple year funding concludes in FY 2016-2017 for Marcap Property Purchase/Land Acquisition Fund to complete the purchase of the Marcap Property on Cedar Mountain.

PARKS AND RECREATION

The annual appropriation for Park, Pool and Playfield Improvements continues in FY 2016-2017. It is the major funding source for repairs, replacement and additions to all Town parks and athletic facilities. All playground equipment, backstops, basketball hoops, fencing and signage are dependent upon this appropriation to remain in proper condition. Pool improvements are also addressed with this account as more costly improvements are foreseen due to the age of the pools at both Mill Pond and Churchill Park. Funding is included to continue to address the Park Master Plan improvements.

Multiple year funding continues in FY 2016-2017 for Synthetic Turf Replacement Reserve to accumulate funds over the next several years in order to replace the existing turf and fill material, which has a useful life of 10 years.

In FY 2017-2018 Churchill Park Renovations (Environmental Review) is included for the landscape architect to provide conceptual designs for local, state and federal environmental permits for potential renovations to the park.

Funding is proposed in FY 2018-2019 for Snow Removal Equipment which is capable of plowing, snow blowing and sanding sidewalks at school locations and the Town Center. The current method is causing undue stress on the transmission, engine and frame of the pickup trucks.

In FY 2020-2021 NHS Athletic Fields Irrigation System Replacement is to phase in new irrigation systems for the high school soccer, baseball, field hockey and football fields.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021

PROJECT TITLE	Financing**	COUNCIL ADOPTED 2015-2016	COUNCIL ADOPTED 2016-2017	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
				2017-2018	2018-2019	2019-2020	2020-2021	
Community Development								
Marcap Property Purchase/Land Acquisition Fund	P	536,200	15,638					551,838
Total Community Development		536,200	15,638	-	-	-	-	551,838
Parks And Recreation								
Park, Pool & Playfield Improvements	P	50,000	125,000	75,000	100,000	75,000	100,000	525,000
Synthetic Turf Replacement Reserve	P	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Churchill Park Renovations (Environmental Review)	P			250,000				250,000
Snow Removal Equipment	P				175,000			175,000
NHS Athletic Fields Irrigation System Replacement	P						300,000	300,000
Mill Pond Playscape Replacement	P	100,000						100,000
Total Parks & Recreation		175,000	150,000	350,000	300,000	100,000	425,000	1,500,000

** Sources of Financing is designated as follows: P for Pay-as-you-go; B for Bonding; G for Grant

EDUCATION DEPARTMENT

In accordance with Newington Code of Ordinances 48-14 et seq., an annual appropriation of at least \$125,000 is transferred to the Public School Capital Improvement Project Reserve Fund. Appendix B illustrates a five-year income and expense analysis of the proposed projects.

FY 2016-2017 continues funding for General Property School Improvements; the purchase of one School Bus and School Technology to implement the final phase of the 1:1 device program. Multiple year funding also continues for School Driveways, Parking Lots & Sidewalks. During FY 2016-2017 funding will complete the second half of the exit driveway and sidewalk at Anna Reynolds Elementary School.

Multiple year funding begins in FY 2016-2017 for the first phase of J. Wallace Classroom Wings Reconfiguration. This project would reconfigure the school with center hallways and secure classrooms replacing the current open concept classroom design.

Multiple year funding continues in FY 2016-2017 for Newington High School Code Compliance.

The following projects are funded in FY 2016-2017:

- Districtwide HVAC Replacements provides funding for necessary repairs to both the chiller and HVAC distribution systems at Martin Kellogg Middle School.
- J. Patterson Classroom AC – Phase I provides funding for climate control at J. Patterson Elementary School. This project temporary solution (until a full renovation project occurs) addresses the numerous complaints from parents when the extreme heat in the fall and spring make the conditions very difficult for learning.

EQUIPMENT REPLACEMENT

The Major Equipment Replacement Reserve is intended to set aside a reserve for future replacements of existing major capital equipment and rolling stock of the General Government, Police, Fire, Highway and Parks and Grounds Departments. Funding is contributed annually to accumulate sufficient resources to pay for current and future replacement of major equipment based upon the "Equipment Replacement Schedule," which is detailed in Appendix D. Major equipment replacements to be financed out of the Equipment Reserve must have a life expectancy of at least seven (7) years. Proposed replacements that do not meet this requirement are funded out of the operating budget. The replacement of Police cruisers which have a useful life of only a few years are incorporated into this replacement schedule but are appropriated in the Police operating budget.

The Lease Purchase Payments appropriation has been separated from the Equipment Replacement Reserve funds to illustrate the short-term financing payments due during the upcoming fiscal years for those vehicles the Town lease-purchased.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2016-2017 THROUGH 2020-2021

PROJECT TITLE	Financing*	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED 2015-2016	ADOPTED 2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	
Education								
Appr. To Public School CIP Reserve	P	125,000	125,000	125,000	125,000	125,000	125,000	750,000
General Property School Improvements	P	300,000	300,000					600,000
School Bus	P	100,000	100,000					200,000
School Technology	P	188,828	188,828					377,656
J. Wallace Classroom Wings Reconfiguration	P		1,000,000	1,000,000	1,000,000			3,000,000
Districtwide HVAC Replacements	P		150,000					150,000
NHS Code Compliance	P		104,377		261,744	538,256	200,000	1,104,377
J. Patterson Classroom AC - Phase I	P		100,000					100,000
School Driveways, Parking Lots & Sidewalks	P		75,000			177,603	585,877	818,480
NHS Career Tech Program Renovations	P	1,869,500						1,869,500
Resurfacing of School Parking Lots	P	50,000						50,000
Total Education		2,633,328	2,143,205	1,125,000	1,386,744	840,859	890,877	9,020,013
Total Capital Improvements		5,708,928	5,848,305	4,084,019	3,815,799	3,015,259	3,082,927	25,516,237
Equipment Replacement								
Equipment Replacement Reserve	P	415,000	436,000	458,000	481,000	505,000	530,000	2,825,000
Lease Purchase	P	138,241	193,400	267,400	267,400	267,400	420,994	1,554,835
Total Equipment Replacement		553,241	629,400	725,400	748,400	772,400	950,994	4,379,835
Grand Total		6,262,169	6,478,705	4,789,419	4,564,199	3,787,659	4,013,921	29,896,072

** Sources of Financing is designated as follows: P for Pay-as-you-go; B for Bonding; G for Grant

TABLE 5
ADOPTED CAPITAL IMPROVEMENT PLAN 2015-16

		-----STATE AID-----							
	Project Title	Department Request	CIP Committee Proposed	Town Manager Proposed	Town Council Tentative	Town Council Adopted	LoCIP	Town Aid Roads	General Fund Budget
General Government	Information Technology Reserve	438,900	438,900	438,900	438,900	438,900			438,900
	General Property Improvements	150,000	150,000	150,000	150,000	150,000			150,000
	Town Buildings Mechanical Reserve	50,000	50,000	50,000	50,000	50,000			50,000
	Revaluation 2015	116,000	116,000	116,000	116,000	116,000			116,000
	Library Boiler Replacement	60,000	60,000	60,000	60,000	60,000			60,000
	Highway Garage Oil to Gas Conversion	310,000	271,578	271,578					-
Public Safety	Parks Garage HVAC Replacement & Upgrades	140,000							-
	Radio Replacement Reserve	40,000	40,000	40,000	40,000	40,000			40,000
	Public Safety Radio System Enhancement Phase I of II	217,250	217,250	217,250					-
	Fire Dept SCBA Replacement Phase I of II	237,500	237,500	237,500	237,500	237,500			237,500
	Fire Co 1 Breathing Air System Replacement	65,000	65,000	65,000	65,000	65,000			65,000
	Fire Co 2 Breathing Air System Replacement	65,000	65,000	65,000	65,000	65,000			65,000
	Fire Co 2 & 3 Replacement Emergency Generators	45,000	45,000	45,000	45,000	45,000			45,000
	Fire Co 2 & 3 Heating System Replacement	47,000	47,000	47,000	47,000	47,000			47,000
Public Works	Fire Co 3 & 5 Replacement Windows	30,000	30,000	30,000	30,000				-
	Road Resurfacing/Reconstruction	900,000	800,000	800,000	800,000	800,000	220,000	410,000	170,000
	Sidewalk and Stonewall Repair	50,000	50,000	50,000	50,000	50,000			50,000
	Drainage Improvements	100,000	100,000	100,000	100,000	100,000			100,000
	Public Building Resurfacing Program	25,000	25,000	25,000	25,000	25,000			25,000
	Traffic Signal Repair & Replacement Reserve	25,000	25,000	25,000	25,000	25,000			25,000
Community Development	Landfill Conversion to Transfer Station	50,000	50,000	50,000	50,000	50,000			50,000
	Marcap Property Acquisition	536,200	536,200	536,200	536,200	536,200			536,200
Parks And Recreation	Park, Pool and Playfield Improvements	100,000	100,000	100,000	50,000	50,000			50,000
	Synthetic Turf Replacement Reserve	25,000	25,000	25,000	25,000	25,000			25,000
	Mill Pond Playscape Replacement	150,000	150,000	150,000	100,000	100,000			100,000
	Municipal Parking Lot Center Green Irrigation System	25,000							-
Education	Appr. To Public School CIP Reserve	125,000	125,000	125,000	125,000	125,000			125,000
	NHS Career Tech	2,100,000	1,869,500	1,869,500	1,869,500	1,869,500			1,869,500
	General Property School Improvements				300,000	300,000			300,000
	School Bus				100,000	100,000			100,000
	School Technology				188,828	188,828			188,828
	Resurfacing of School Parking Lots					50,000			50,000
Equipment Replacement	Equipment Replacement Reserve	415,000	415,000	415,000	415,000	415,000			415,000
	Lease Purchase & Other Payments	138,241	138,241	138,241	138,241	138,241			138,241
Subtotal Capital Improvements		6,776,091	6,242,169	6,242,169	6,242,169	6,262,169	220,000	410,000	5,632,169
Annual Debt Service Payments									1,227,831
GRAND TOTAL									<u>6,860,000</u>
									<u>(932,000)</u>
									<u>(40,000)</u>
									<u>5,888,000</u>

Less Revenue Budgeted:

School Bldg Grants
Tower Revenue

STATE AID

18

TABLE 6B
PROPOSED CAPITAL IMPROVEMENT PLAN 2017-18

-----STATE AID-----

	Project Title	Total	LoCIP	Town Aid Roads	Building Grants	Other Revenue	General Fund Budget
General Government	Information Technology Reserve	393,019					393,019
	General Property Improvements	100,000					100,000
	Town Buildings Mechanical Reserve	25,000					25,000
	Senior & Disabled Center HVAC Replacement	62,000					62,000
	Historic Properties Upgrades - Kelsey & Kellogg Eddy Houses	25,000					25,000
	Town Buildings Sidewalk Replacement & Repairs	25,000					25,000
	Highway Garage Building Addition	224,000					224,000
	Library Roof Replacement	100,000					100,000
	Senior & Disabled Center Boiler Replacements	80,000					80,000
Public Safety	Radio Replacement Reserve	40,000				40,000	-
	Public Safety Radio System Enhancement	200,000					200,000
	Fire Dept 5" Fire Hose Replacement	30,000					30,000
	Fire Co 1 Bathroom Remodel	60,000					60,000
Public Works	Road Resurfacing/Reconstruction	900,000	300,000	400,000			200,000
	Drainage Improvement	100,000					100,000
	Sidewalk Repair	50,000					50,000
	Public Building Resurfacing Program	25,000					25,000
	Stonewall Repair	25,000					25,000
	Traffic Signal Repair & Replacement Reserve	25,000					25,000
	Landfill Conversion to Transfer Station	100,000					100,000
Parks And Recreation	Park, Pool and Playfield Improvements	75,000					75,000
	Synthetic Turf Replacement Reserve	25,000					25,000
	Churchill Park Renovations (Environmental Review)	250,000					250,000
Education	Appr. To Public School CIP Reserve	125,000					125,000
	J. Wallace Classroom Wings Reconfiguration Phase II of III	1,000,000			500,000		500,000
Equipment Replacement	Equipment Replacement Reserve	458,000					458,000
	Lease Purchase & Other Payments	267,400					267,400
Subtotal Capital Improvements		4,789,419	300,000	400,000	500,000	40,000	3,549,419
Annual Debt Service Payments							2,750,581
GRAND TOTAL							<u>6,300,000</u>

TABLE 6C
PROPOSED CAPITAL IMPROVEMENT PLAN 2018-19

-----STATE AID-----							
	Project Title	Total	LoCIP	Town Aid Roads	Building Grants	Other Revenue	General Fund Budget
General Government	Information Technology Reserve	389,055					389,055
	General Property Improvements	100,000					100,000
	Town Buildings Mechanical Reserve	25,000					25,000
	Highway Garage Building Addition	250,000					250,000
Public Safety	Radio Replacement Reserve	40,000				40,000	-
	Fire Co 4 Fire House Replacement (Land Acquisition)	150,000					150,000
Public Works	Road Resurfacing/Reconstruction	900,000	300,000	400,000			200,000
	Drainage Improvement	50,000					50,000
	Sidewalk Repair	50,000					50,000
	Public Building Resurfacing Program	25,000					25,000
	Stonewall Repair	25,000					25,000
	Traffic Signal Repair & Replacement Reserve	25,000					25,000
	Landfill Conversion to Transfer Station	100,000					100,000
	Park, Pool and Playfield Improvements	100,000					100,000
Parks And Recreation	Synthetic Turf Replacement Reserve	25,000					25,000
	Snow Removal Equipment	175,000					175,000
	Appr. To Public School CIP Reserve	125,000					125,000
Education	J. Wallace Classroom Wings Reconfiguration Phase III of III	1,000,000			500,000		500,000
	NHS Code Compliance	261,744			130,872		130,872
Equipment Replacement	Equipment Replacement Reserve	481,000					481,000
	Lease Purchase & Other Payments	267,400					267,400
Subtotal Capital Improvements		4,564,199	300,000	400,000	630,872	40,000	3,193,327
Annual Debt Service Payments							4,006,081
GRAND TOTAL							<u>7,199,408</u>

TABLE 6D
PROPOSED CAPITAL IMPROVEMENT PLAN 2019-20

	Project Title	Total	-----STATE AID-----				General Fund Budget
			LoCIP	Town Aid Roads	Building Grants	Other Revenue	
General Government	Information Technology Reserve	334,400					334,400
	General Property Improvements	100,000					100,000
	Town Buildings Mechanical Reserve	25,000					25,000
	Highway Garage Building Upgrades & Repairs	200,000					200,000
Public Safety	Radio Replacement Reserve	40,000				40,000	-
	Fire Co 3 Fire House Replacement (Land Acquisition)	150,000					150,000
Public Works	Road Resurfacing/Reconstruction	900,000	200,000	400,000			300,000
	Drainage Improvement	100,000					100,000
	Sidewalk Repair	50,000					50,000
	Public Building Resurfacing Program	25,000					25,000
	Stonewall Repair	25,000					25,000
	Traffic Signal Repair & Replacement Reserve	25,000					25,000
	Landfill Conversion to Transfer Station	100,000					100,000
	Park, Pool and Playfield Improvements	75,000					75,000
Parks And Recreation	Synthetic Turf Replacement Reserve	25,000					25,000
	Appr. To Public School CIP Reserve	125,000					125,000
Education	NHS Code Compliance	538,256			500,000		38,256
	School Driveways, Parking Lots & Sidewalks	177,603					177,603
Equipment Replacement	Equipment Replacement Reserve	505,000					505,000
	Lease Purchase & Other Payments	267,400					267,400
Subtotal Capital Improvements		3,787,659	200,000	400,000	500,000	40,000	2,647,659
Annual Debt Service Payments							4,767,731
GRAND TOTAL							<u>7,415,390</u>

TABLE 6E
PROPOSED CAPITAL IMPROVEMENT PLAN 2020-21

		-----STATE AID-----					General Fund Budget
	Project Title	Total	LoCIP	Town Aid Roads	Building Grants	Other Revenue	
General Government	Information Technology Reserve	457,050					457,050
	General Property Improvements	100,000					100,000
	Town Buildings Mechanical Reserve	25,000					25,000
Public Safety	Radio Replacement Reserve	40,000				40,000	-
Public Works	Road Resurfacing/Reconstruction	900,000	200,000	400,000			300,000
	Drainage Improvement	100,000					100,000
	Sidewalk Repair	50,000					50,000
	Public Building Resurfacing Program	25,000					25,000
	Stonewall Repair	25,000					25,000
	Traffic Signal Repair & Replacement Reserve	25,000					25,000
	Park, Pool and Playfield Improvements	100,000					100,000
Parks And Recreation	Synthetic Turf Replacement Reserve	25,000					25,000
	NHS Athletic Fields Irrigation System Replacement Ph. I of III	300,000					300,000
	Appr. To Public School CIP Reserve	125,000					125,000
Education	NHS Code Compliance	200,000					200,000
	School Driveways, Parking Lots & Sidewalks	565,877			395,000		170,877
Equipment Replacement	Equipment Replacement Reserve	530,000					530,000
	Lease Purchase & Other Payments	420,994					420,994
Subtotal Capital Improvements		4,013,921	200,000	400,000	395,000	40,000	2,978,921
Annual Debt Service Payments							4,658,931
GRAND TOTAL							<u>7,637,852</u>

* School Building Grants of \$395,000 are included for reimbursement of prior year projects.

APPENDICES

APPENDIX A

SUMMARY OF CAPITAL PROJECTS

Project No.	Description	Date of Approval	Appropriation	Encumbrances	Expenditures	Total	Balance as of 2/25/16
<i>Public Building Fund Projects (3001)</i>							
88101	Library Expansion/Town Hall Site Plan	4/15/2010	145,000		40,110	40,110	104,890 **
88305	Parks Storage Barn Roof Replacement	5/8/2012	30,000		23,358	23,358	6,642
88307	JW, MK, NHS Career Tech Renovation	5/8/2012	4,622,694	37,750	2,240,333	2,278,083	2,344,611 **
88402	NHS Music Wing/Air Cond Auditorium	4/9/2013	472,648		364,580	364,580	108,068 **
88804	Town Hall Improvements	4/10/2007	3,470,467	27,500	2,856,259	2,883,759	586,708 **
Subtotal Public Building Fund Projects (3001)			8,740,809	65,250	5,524,640	5,589,890	3,150,919
<i>Capital And Non-Recurring Expenditures Fund Projects (3002)</i>							
88031	Computer Assisted Dispatch	4/14/2009	45,000		44,545	44,545	455
88032	Landfill Conversion to Transfer Station	4/14/2009	145,000		41,338	41,338	103,663
88035	School Concrete Sidewalk Replacement	4/14/2009	40,000		25,694	25,694	14,306
88039	Lease Pmts Recycling Containers	4/15/2010	557,970		556,085	556,085	1,885
88111	General Property Improvements	4/15/2010	627,654	12,974	612,550	625,524	2,130
88114	Public Building Resurfacing	4/15/2010	395,000		243,688	243,688	151,312
88115	Market Square Development	4/15/2010	662,146		632,408	632,408	29,738
88141	General Government Equip. Res.	4/26/1988	811,348		732,706	732,706	78,642
88142	Public Safety Equip. Res.	4/26/1988	5,136,364	69,674	5,031,677	5,101,352	35,013
88143	Public Works Equip. Res.	4/26/1988	4,070,651		3,942,690	3,942,690	127,961
88144	Parks & Grounds Equip. Res.	4/26/1988	1,521,707		1,453,232	1,453,232	68,474
88146	Equipment Res. Lease Payments	4/26/1988	2,308,018		2,169,506	2,169,506	138,513
88326	Clem Lemire Park Drainage & Paving	5/8/2012	60,000		59,970	59,970	30
88327	Mill Pond Park Playground Surface Repl.	5/8/2012	80,000	3,375	1,125	4,500	75,500
88328	High School Tennis Courts	5/8/2012	500,000		489,266	489,266	10,734
88329	National Welding Engineering Services	5/8/2012	320,000		13,259	13,259	306,741
88411	Information Technology Reserve	4/27/1993	4,240,280		3,540,372	3,540,372	699,908
88416	Drainage Improvement	4/27/1993	1,057,556	2,308	819,139	821,447	236,109
88422	Town Buildings Mechanical Reserve	4/9/2013	140,519	5,704	128,505	134,209	6,309
88426	Library Automated Collection Management System	4/9/2013	135,861	2,300	119,721	122,021	13,840
88427	Mill Pond Park Renovation Study	4/9/2013	32,552			0	32,552
88515	Sidewalks & Stonewall Repair	4/26/1994	522,466	1,404	505,627	507,031	15,435
88517	Resurfacing Program - P&G	4/26/1994	240,193		233,562	233,562	6,631
88521	Town Hall Emergency Generator	4/8/2014	100,000		73,956	73,956	26,044
88522	Fire Co. 1 Heating System Replacement	4/8/2014	37,000		36,880	36,880	120
88523	NVA Sidewalk/Drainage/Site Improv.	4/8/2014	38,000	406	16,366	16,772	21,228
88525	Snow Thrower Attachment for Loader	4/8/2014	75,000		73,111	73,111	1,889
88525	Synthetic Turf Replacement Reserve	4/8/2014	50,000			0	50,000
88526	Recreation Software	4/8/2014	75,000	27,669	16,725	44,394	30,606
88611	Replacement of Heating & Air Conditioning	6/25/1996	172,505		172,290	172,290	215
88617	Library Boiler Replacement	4/21/2015	39,481		39,481	39,481	0
88618	Fire Dept SCBA Replacement	4/21/2015	237,500			0	237,500
88619	Fire Co 1 Breathing Air System Replacement	4/21/2015	65,000			0	65,000

** Building Committee exists

APPENDIX A

SUMMARY OF CAPITAL PROJECTS

Project No.	Description	Date of Approval	Appropriation	Encumbrances	Expenditures	Total	Balance as of 2/25/16
88620	Fire Co 2 Breathing Air System Replacement	4/21/2015	65,000			0	65,000
88621	Fire Co 2 & 3 Replacement Emergency Generators	4/21/2015	45,000	28,955		28,955	16,045
88622	Fire Co 2 & 3 Heating System Replacements	4/21/2015	47,000			0	47,000
88624	General Property School Improvements	4/21/2015	0			0	0
88623	Mill Pond Playscape Replacement	4/21/2015	100,000			0	100,000
88625	School Bus	4/21/2015	100,000			0	100,000
88626	School Technology	4/21/2015	188,828	188,618		188,618	210
88627	Resurface School Parking Lots	4/21/2015	50,000			0	50,000
88628	Engineering Svcs Town Center Streetscape VI	2/9/2016	70,000			0	70,000
88811	Park, Pool & Playground Improvements	4/28/1987	1,088,660	11,561	890,832	902,393	186,267
88819	Road Reconstruction	4/10/2007	2,721,572		2,666,070	2,666,070	55,501
88911	Tax Revaluation Reserve	6/22/1999	1,044,940	27,190	976,434	1,003,624	41,316
88916	Traffic Signalization Reserve	6/22/1999	206,550	675	110,891	111,566	94,984
88926	Radio Replacement Reserve	4/10/2007	349,132	6,573	288,197	294,770	54,362
88931	OCR Compliance	4/8/2008	2,676,876		2,442,059	2,442,059	234,817 **
Subtotal Capital And Non-Recurring Expenditures Fund			33,293,330	389,386	29,199,960	29,589,346	3,703,984
<i>Public School Capital Improvement Projects Reserve Fund (3003)</i>							
88355	Districtwide Bathroom Renovations	5/8/2012	35,000			0	35,000
88356	Districtwide Playground Renovations	5/8/2012	10,000			0	10,000
88452	Districtwide Security and Safety	4/9/2003	167,265		77,786	77,786	89,479
88453	Districtwide Furniture Replacement	4/9/2003	93,097		58,097	58,097	35,000
88550	Career Tech/STEM Facility Modifications	4/21/2015	75,000			0	75,000
88555	Technology	2/8/2005	113,175			0	113,175
88651	System-wide Air Conditioning Installation	4/12/2005	99,957		64,957	64,957	35,000
88851	Athletic Improvements	4/10/2007	405,895		340,895	340,895	65,000
88957	Painting	4/14/1998	366,195		283,115	283,115	83,081
88959	Carpet Replacement	4/13/1999	303,621		202,230	202,230	101,391
Subtotal Public School Capital Improvement Projects			1,669,206	0	1,027,080	1,027,080	642,126
Total			43,703,345	454,636	35,751,680	36,206,316	7,497,029

Appendix B

Projected Use of the Public School CIP Reserve Fund Capital Improvement Plan 2015-2016 through 2020-2021

In accordance with Newington Code of Ordinances 48-14 et seq., a Public School Capital Improvement Project Reserve Fund is established with proceeds from various sources including (a) earnings derived from investment and fund balances; (b) income from current school rental fees; (c) tuition; and (d) an annual appropriation of at least \$125,000 subject to a fund balance limit of \$1,200,000. Such funds are restricted to fund repairs, renovations and/or minor additions at buildings and/or facilities maintained by the Board of Education which have a life expectancy of at least seven (7) years. Costs for projects funded through this mechanism must be at least \$15,000 but cannot exceed the fund balance limit. Pursuant to Code of Ordinances 48-14 et seq., expenditures from this fund must conform to appropriations made by the Town Council. Appendix B illustrates a five-year income and expense analysis

APPENDIX B
PROJECTED USE OF THE PUBLIC SCHOOL CIP RESERVE FUND
CAPITAL IMPROVEMENT PLAN 2016-2017 THROUGH 2020-2021

PROJECT TITLE	PROPOSED CAPITAL IMPROVEMENT PLAN					
	ESTIMATED 2015-2016	ADOPTED 2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Opening reserve	879,041	1,015,741	652,241	283,220	238,644	154,002
Appropriation from General Fund	125,000	125,000	125,000	125,000	125,000	125,000
Investment income	1,700	1,500	978	425	358	231
Tuition Receipts	275,000	250,000	100,000	100,000	100,000	100,000
School Rental Receipts	60,000	60,000	60,000	60,000	60,000	60,000
Total available	1,340,741	1,452,241	938,220	568,644	524,002	439,233
Less program projects:						
District-Wide Air Conditioning	25,000	50,000	25,000	25,000	25,000	25,000
Painting	25,000	50,000	25,000	25,000	50,000	50,000
District-Wide Technology	50,000	50,000	50,000	50,000	50,000	50,000
Carpet/Flooring Replacement	25,000	50,000	25,000	25,000	25,000	25,000
Security and Safety	25,000	50,000	25,000	25,000	25,000	25,000
District-Wide Furniture Upgrades	25,000	35,000	10,000	10,000	10,000	10,000
Athletic Improvements	50,000	10,000	10,000	10,000	50,000	50,000
District-Wide Bathroom Renovations	25,000	50,000	50,000	50,000	50,000	50,000
Career Technical/STEM Facilities Modifications	75,000					
Arts Facility Modifications		100,000	100,000	100,000	75,000	75,000
District-Wide Playground Renovations		10,000	10,000	10,000	10,000	10,000
District-Wide Lighting Improvements		50,000	50,000			
JWMS Wing Improvements		100,000	50,000			
District-Wide Underground Storage Tanks		60,000	50,000			
District-Wide Roof Reserve		60,000	100,000			
District-Wide Corridor/Exterior Doors		25,000	25,000			
District-Wide Blacktop/Paving		50,000	50,000			
Total	325,000	800,000	655,000	330,000	370,000	370,000
Ending Reserve	1,015,741	652,241	283,220	238,644	154,002	69,233

APPENDIX C-1
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2016-2017

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Forest Drive- (Cul-de-Sac to east 500')	325	27,000
Total Road Construction Program	<u>325</u>	<u>27,000</u>
PAVEMENT RESURFACING PROGRAM (VENDOR)		
Avery Road	956	42,000
Dalewood Road	1,278	57,000
Deepwood Drive	1,075	47,000
Dogwood Lane	365	16,000
Elm Ridge Terrace	619	28,000
Forest Drive	2,169	97,000
Franklin Circle	550	25,000
Gilbert Road- (Tom-lin Road to Lloyd Street)	887	39,000
High Ridge Road	1,050	46,000
Juniper Street	875	34,000
Kitts Lane- (Berlin Turnpike to Ann Street)	978	81,000
Pine Street	841	35,000
Puritan Lane	978	43,000
Revere Drive	1,904	85,000
Salem Drive	957	42,000
Tremont Street- (Edward Street to Red Rock Circle)	2,837	127,000
Urban Lane	353	15,000
Total Pavement Resurfacing Program	<u>18,673</u>	<u>859,000</u>
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN	<u>18,998</u>	<u>886,000</u>
ESTIMATED FINANCING FROM LOCIP		200,000
ESTIMATED FINANCING FROM TOWN ROAD AID GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>286,000</u>
		<u>886,000</u>

APPENDIX C-2
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2017-2018

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Total Road Construction Program	<u>0</u>	<u>0</u>
PAVEMENT RESURFACING PROGRAM (VENDOR)		
Birchlawn Terrace	702	32,000
Bridle Path	1,066	48,000
Connecticut Avenue- (Whitewood Road to Atwood Street)	1,631	78,000
Deming Street- (Deming Farms Drive to Culver Street)	1,961	88,000
Eckert Road	758	34,000
Evergreen Road	870	39,000
Field Street (Foster Street to Kelsey Street)	495	22,000
Foster Street (Church Street to Field Street)	941	42,000
Hemlock Street	859	39,000
Holmes Road	1,845	111,000
Meadow Street (Orchard Avenue to Bridle Path)	288	13,000
Old Hatchery Lane	579	26,000
Pascone Place	1,905	113,000
Red Rock Circle	645	29,000
Spruce Street	865	39,000
Spur Lane	499	22,000
Standard Street	866	39,000
Styles Avenue- (Maple Hill Avenue to Henry Avenue)	1,118	50,000
Vineyard Avenue- (Kelsey Street to Foster Street)	518	22,000
Total Pavement Resurfacing Program	<u>18,410</u>	<u>886,000</u>
Crack Seal Program		14,000
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN	<u>18,410</u>	<u>900,000</u>
ESTIMATED FINANCING FROM LOCIP		300,000
ESTIMATED FINANCING FROM TOWN ROAD AID GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>200,000</u>
		<u>900,000</u>

APPENDIX C-3
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2018-2019

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Middlebrook Road	928	77,000
Total Road Construction Program	<u>928</u>	<u>77,000</u>
PAVEMENT RESURFACING PROGRAM (VENDOR)		
Cedar Ridge Road (Mountain Road to Garvan Street)	903	35,000
Clifford Street	1,202	54,000
Coles Avenue	1,144	51,000
Fairfield Avenue	722	25,000
Francis Avenue	3,112	139,000
Glenview Drive	2,323	105,000
Pane Road- (Rockwell Road to Berlin Turnpike)	2,271	136,000
Ridgewood Road	712	32,000
Roaseleah Avenue	1,279	46,000
Schoolhouse Road (Middlebrook Road to Middlebrook Road)	1,621	73,000
Thomas Street	355	15,000
Tremont Street- (Boylston Street to Red Rock Circle)	2,245	100,000
Total Pavement Resurfacing Program	<u>17,887</u>	<u>811,000</u>
Crack Seal Program		12,000
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN	<u>18,815</u>	<u>900,000</u>
ESTIMATED FINANCING FROM LOCIP		300,000
ESTIMATED FINANCING FROM TOWN ROAD AID GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>200,000</u>
		<u>900,000</u>

APPENDIX C-4
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2019-2020

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Total Road Construction Program	<u>0</u>	<u>0</u>
PAVEMENT RESURFACING PROGRAM (VENDOR)		
Chapman Street - (Summit Street to Summit Street)	631	27,000
Cheney Lane	2,114	95,000
Deming Street- (Berlin Turnpike to Culver Street)	1,487	112,000
Dowd Street- (Willard Avenue to Farmstead Drive)	1,615	73,000
Fennwood Circle	506	23,000
Maple Hill Avenue- (New Britain Avenue to Robbins Avenue)	2,428	131,000
Progress Circle	867	39,000
Rockwell Road	2,151	116,000
Rosewood Drive	1,278	58,000
Summit Street- (Chapman Street to end)	402	16,000
Wakeley Road	921	41,000
West Hartford Road	1,632	88,000
West Hill Road	1,487	76,000
Total Pavement Resurfacing Program	<u>17,518</u>	<u>895,000</u>
Crack Seal Program		5,000
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN	<u>17,518</u>	<u>900,000</u>
ESTIMATED FINANCING FROM LOCIP		200,000
ESTIMATED FINANCING FROM TOWN ROAD AID GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>300,000</u>
		<u>900,000</u>

APPENDIX C-5
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2020-2021

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Marvis Street	309	24,000
Total Road Construction Program	<u>309</u>	<u>24,000</u>
PAVEMENT RESURFACING PROGRAM (VENDOR)		
Bayberry Road	1,036	47,000
Brockett Street (Kitts Lane to Berlin Turnpike)	512	23,000
Burdon Lane	656	30,000
Bushy Hill Drive	751	34,000
Camp Avenue	2,915	105,000
Cinnamon Road	951	43,000
Connecticut Avenue- (Atwood Street to Hall Court)	944	45,000
Isabelle Terrace	664	26,000
Kitts Lane (Robbins Avenue to Berlin Turnpike)	1,459	66,000
Maple Hill Avenue- (Cedar Street to Spruce Street)	1,990	107,000
Nutmeg Lane	365	16,000
Olive Street	763	27,000
Robbins Avenue- (Maple Hill Avenue to Willard Avenue)	3,468	208,000
Stuart Street	1,327	48,000
Walnut Street	1,071	39,000
Total Pavement Resurfacing Program	<u>18,871</u>	<u>864,000</u>
Crack Seal Program		12,000
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN	<u>19,180</u>	<u>900,000</u>
ESTIMATED FINANCING FROM LOCIP		200,000
ESTIMATED FINANCING FROM TOWN ROAD AID GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>300,000</u>
		<u>900,000</u>

Appendix D

EQUIPMENT RESERVE FUNDS AND MAJOR EQUIPMENT REPLACEMENT SCHEDULE

The Equipment Replacement Reserve, part of the Capital and Non-Recurring Expenditures Fund, is funded by an annual appropriation from the General Fund that provides for the replacement of existing major equipment and rolling stock on a straight-line depreciation basis. The basis of the appropriation is the "Equipment Replacement Schedule," which shows the current major equipment replacement needs, and includes the funds needed to be reserved annually to pay for future replacements. The schedule (detailed on the following pages) inventories each piece of major equipment currently existing or as it is acquired in the motor vehicle fleet. The schedule calculates which piece of major equipment is in need of replacement when it reaches its optimum life cycle at a 3.5% inflation factor. The schedule also formulates the funds needed to be reserved annually on a straight-line depreciation basis to pay for future replacements.

The Town funds for future replacements on a depreciation-reserve basis. The "Schedule of Equipment Replacement Reserve Fund" on the succeeding page demonstrates that in FY 2017-2018 and again in FY 2020-2021, the fund will no longer have a sufficient reserve level to meet its objective to fund at a constant level equal to straight-line depreciation and replace vehicles when they reach the optimum life cycle. This is due to reductions in funding by the Town Council in FY 2009-2010, FY 2011-2012 and FY 2015-2016 and rising costs of replacement. These reductions by the Town Council will affect replacements in the near future, even though a concerted effort is being made to reduce the quantity of vehicles in the fleet.

APPENDIX D

SCHEDULE OF EQUIPMENT REPLACEMENT RESERVE FUND

	COUNCIL ADOPTED 2015-2016	COUNCIL ADOPTED 2016-2017	PROPOSED CAPITAL IMPROVEMENT PLAN			
			2017-2018	2018-2019	2019-2020	2020-2021
Opening Reserve Balance	159,140	200,965	73,965	(27,876)	190,414	163,892
Appropriation From General Fund						
Lease Payment	138,241	193,400	267,400	267,400	267,400	420,994
Annual Depreciation Funding	415,000	436,000	458,000	481,000	505,000	530,000
Transfer to General Fund	(10,000)					
Total General Fund Appropriation	543,241	629,400	725,400	748,400	772,400	950,994
Total Funds Available	702,381	830,365	799,365	720,525	962,814	1,114,886
Less Proposed Equipment Expenditures:						
Equipment Purchases	401,408	563,000	559,840	262,711	531,522	729,978
Lease Payments for Fire Rescue R1 (July 2015)	138,241	119,400	119,400	119,400	119,400	119,400
Lease Payments for Fire Pumper E1 (July 2016)		74,000	148,000	148,000	148,000	148,000
Lease Payments for Fire Aerial T2 (Jan 2021)						153,594
Ending Reserve Balance	162,732	73,965	(27,876)	190,414	163,892	(36,086)

GENERAL GOVERNMENT

Funding is available to purchase a replacement for Unit #719, a Chevrolet Silverado.

APPENDIX D

GENERAL GOVERNMENT

USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	(1)	(2)	(3)	(4)	(5)	(6)	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,					
						ANNUAL DEPRECI- ATION	IPATED LIFE CYCLE	YEARS RE- MAINING	CURRENT REPL. COST	PROJECTED REPL. COST	2016		2017	2018	2019	2020		
FACILITY	719	Chevrolet	Silverado 1500 w/cap	2005	8,800		1,971	11	0	42,000	42,000		42,000	0	0	0	0	0
DIAL/RIDE	630	Ford	E450 F Econoline	2008	61,361		8,397	9	1	68,750	69,086		0	69,086	0	0	0	0
DIAL/RIDE	9751	HONDA	CIVIC HYBRID	2005	20,247		3,829	12	1	29,133	30,153		0	30,153	0	0	0	0
DIAL/RIDE	631	Ford	E450 F Econoline	2009	61,361		8,397	9	2	65,000	69,630		0	0	69,630	0	0	0
HUM. SVC.	806	FORD	E350 VAN	2008	21,498		3,361	13	3	30,938	34,302		0	0	0	34,302	0	0
BLDG.	752	HONDA	CIVIC HYBRID	2007	21,580		3,978	12	3	29,133	32,300		0	0	0	32,300	0	0
HUM. SVC.	753	HONDA	CIVIC HYBRID	2007	21,580		3,978	13	4	29,133	33,431		0	0	0	0	33,431	0
Gen Govt	702	FORD	F350 Utility	2002	4,500		2,436	18	4	33,120	38,006		0	0	0	0	38,006	0
Pool	7171	DODGE	CHARGER	2007	23,662		3,922	14	5	32,321	38,387		0	0	0	0	0	0
DIAL/RIDE	634	FORD	E350	2014	63,895		8,647	9	7	68,446	87,082		0	0	0	0	0	0
TM	701	FORD	Explorer	2016	33,580		6,319	7	7	33,580	42,723		0	0	0	0	0	0
HUM. SVC.	805	GMC	VAN	2002	23,000													
DIAL/RIDE	636	FORD	E350	2005	51,305													
FACILITY	717119	FORD	EXPLORER	2003	23,119													
ENGRG.	717118	DODGE	DURANGO	2002	21,450													
HEALTH	7104	DODGE	INTREPID	2001	15,539													
BLDG.	7340	FORD	Explorer	1999	4,450													
HUM. SVC.	801	FORD	E150 VAN	1999	2,000													
Gen Govt	7103	FORD	TAURUS	2000	19,827													
Assessor	7189	FORD	TAURUS SL	2008	18,698													
HEALTH	7120	FORD	500	2005	24,433													
BLDG.	7121	FORD	500	2005	24,433													
BLDG.	7122	FORD	500	2005	24,433													
DIAL/RIDE	635	FORD	E350	2005	51,305													
TOTAL					645,853		55,236					0	42,000	99,239	69,630	66,602	71,437	

- (1) The amount paid by the Town for the vehicle.
- (2) Annual depreciation is equal to the purchase price (1) less estimated resale value divided by anticipated life cycle (3).
- (3) Anticipated life cycle is the number of years the vehicle will actually operate. This may vary from the optimum life cycle.
- (4) The estimated life years remaining is the age of vehicle compared to the anticipated life cycle (3).
- (5) Current replacement cost is the cost to replace the vehicle today.
- (6) Projected replacement cost is the current replacement cost (5) multiplied by an inflation factor of 3.5% compounded by the number years remaining (4).

Note: No annual depreciation amount is listed for vehicles replaced in previous years. They are listed here to give accounting of the fleet.

POLICE

Funding is available to purchase a replacement for Unit #199, a Wells Cargo Utility Trailer.

The Police Department Equipment Reserve Program is split into two categories. Vehicles in the first category meet Equipment Reserve requirements of having a life expectancy beyond seven years. The second category includes those vehicles appropriated in the Police - Vehicles (#220) operating budget because their life expectancy is only three years due to intensive use.

APPENDIX D

POLICE

POLICE				ANTIC- EST.LIFE								Lease & Other	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,				
USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	ANNUAL DEPRECIATION	IPATED LIFE CYCLE	YEARS RE-MAINING	CURRENT REPL. COST	PROJECTED REPL. COST	Payments	2016	2017	2018	2019	2020	
ERT	199	WELLS CARGO	UTILITY TRAILER CC	2001	20,990	6,000	15	0	95,000	95,000		95,000	0	0	0	0	
CANINE	172	FORD	F250	2007	27,000	3,992	10	1	35,038	36,264		0	36,264	0	0	0	
POLICE	107	FORD	TAURUS SEL	2010	25,309	4,211	7	1	30,060	31,112		0	31,112	0	0	0	
POLICE	117	FORD	EXPLORER	2011	31,687	5,121	7	2	36,362	38,951		0	0	38,951	0	0	
POLICE	127	CHEVROLET	EQUINOX	2011	28,913	4,724	7	2	33,178	35,541		0	0	35,541	0	0	
POLICE	126	FORD	TAURUS SEL AWD	2011	27,167	4,474	8	3	31,175	34,565		0	0	0	34,565	0	
POLICE	116	FORD	TAURUS SEL AWD	2011	23,844	3,971	8	3	28,084	31,137		0	0	0	31,137	0	
POLICE	137	KUSTOM SIGNAL	TRAFFIC TRAILER	2004	13,635	1,582	16	4	23,121	26,532		0	0	0	0	26,532	
POLICE	138	FORD	FUSION	2014	21,445	3,657	6	4	22,973	26,362		0	0	0	0	26,362	
POLICE	147	FORD	EXPLORER	2014	32,134	5,184	7	5	34,964	41,527		0	0	0	0	0	
POLICE	140	CHEVROLET	CAPRICE	2014	28,179	4,619	7	5	30,186	35,851		0	0	0	0	0	
ADMIN	148	FORD	TAURUS	2014	25,682	4,262	8	6	27,511	33,818		0	0	0	0	0	
POLICE	156	FORD	EXPLORER	2015	29,911	4,866	8	7	30,958	39,387		0	0	0	0	0	
ADMIN	157	FORD	EXPLORER	2015	29,911	4,866	8	7	30,958	39,387		0	0	0	0	0	
ADMIN	166	FORD	EXPLORER	2016	29,763	4,845	8	8	29,763	39,192		0	0	0	0	0	
ADMIN	196	FORD	TAURUS SEL AWD	2009	26,330												
DETECTIVE	197	FORD	TAURUS SEL	2009	21,720												
ERT	105	FORD	EXPEDITION	2010	28,219												
DETECTIVE	180	FORD	EXPEDITION	2008	24,858												
ADMIN	186	FORD	TAURUS	2008	25,174												
LT	185	CHEVROLET	IMPALA	2008	19,919												
TOTAL					541,588	66,372						0	95,000	67,376	74,492	65,702	52,804

Police cruisers are purchased through the Police Vehicles (220-8403) operating budget rather than the Equipment Reserve. They are listed here to give an accounting of the fleet.

PATROL	164	HARLEY	MOTORCYCLE	2006	13,490											
PATROL	136	HARLEY	MOTORCYCLE	2015	23,192											
PATROL	190	FORD	CROWN VICT	2008	22,949											
PATROL	101	FORD	CROWN VICT	2010	22,108											
PATROL	102	FORD	CROWN VICT	2010	22,108											
PATROL	112	FORD	CROWN VICT	2011	21,889											
PATROL	123	FORD	CROWN VICT	2011	26,046											
PATROL	124	FORD	CROWN VICT	2011	26,232											
PATROL	129	FORD	TAURUS INTERCEPTOR	2013	31,232											
PATROL	130	CHRYSLER	CHARGER	2012	29,152											
PATROL	132	CHEVROLET	CAPRICE	2013	30,858											
PATROL	133	FORD	INTERCEPTOR UTILITY	2014	26,918											
PATROL	134	FORD	INTERCEPTOR UTILITY	2014	35,640											
PATROL	141	FORD	INTERCEPTOR UTILITY	2014	26,662											
PATROL	142	FORD	INTERCEPTOR UTILITY	2014	26,662											
PATROL	150	FORD	INTERCEPTOR UTILITY	2015	26,572											
PATROL	151	FORD	INTERCEPTOR UTILITY	2015	26,572											
PATROL	152	FORD	INTERCEPTOR UTILITY	2015	26,572											
PATROL	153	FORD	INTERCEPTOR UTILITY	2015	26,572											
PATROL	154	FORD	INTERCEPTOR UTILITY	2015	26,572	41										
POLICE	103	FORD	CROWN VICT	2010	GRANT											
POLICE	128	Ford	F450 Box/Tactical	2011	DONATION											
POLICE	135	HONDA	ODYSSEY	2006	DEA Forfeiture Funds											
POLICE	149	FARBER	COMMAND UNIT MOTORHOME	2013	GRANT											

Note: No annual depreciation amount is listed for vehicles replaced in previous years. They are listed here to give an accounting of the fleet.

FIRE DEPARTMENT

Funding is available for the lease purchase payments on the replacement for Unit #223, a Pierce Rescue R1 and the replacement for Unit #208, a Pierce Pumper E1.

As a note, Unit #206 is used as a reserve and training vehicle and is not scheduled to be replaced in the future.

APPENDIX D

FIRE				ANTICIPATED YEARS				CURRENT		PROJECTED	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,				
USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	DEPRECI- ATION	LIFE CYCLE	RE- MAINING	REPL. COST			2016	2017	2018	2019	2020
FIRE	223	PIERCE	RESCUE R1	1994	268,000		21	0	700,000	700,000	119,400	0	119,400	119,400	119,400	119,400
FIRE	208	PIERCE	PUMPER E1	1995	259,898		21	0	700,000	700,000	74,000	0	148,000	148,000	148,000	148,000
FIRE	212	PIERCE	AERIAL T2	1997	540,000		23	4	1,244,385	1,427,960		0	0	0	0	153,594
FIRE	201	FORD	EXPLORER	2014	32,134	3,206	7	5	34,423	60,884		0	0	0	0	0
FIRE	242	PIERCE	DASH PUMPER E2	2003	383,568		20	7	585,237	744,584		0	0	0	0	0
FIRE	222	FORD	F350 P/U	2010	40,524	1,511	15	9	46,502	83,377		0	0	0	0	0
FIRE	252	KENWORTH	RESC TAC 2	2006	262,800		20	10	352,884	497,749		0	0	0	0	0
FIRE	214	WINNEBAGO	WFG37S CMD CTR	2001	150,000	4,283	25	10	189,920	267,802		0	0	0	0	0
FIRE	213	PIERCE	PUMPER E3	2008	486,450		20	12	616,174	951,081		0	0	0	0	0
FIRE	224	PIERCE	PUMPER E4	2013	621,288		20	17	643,033	1,174,038		0	0	0	0	0
FIRE	2702	FORD	EXPLORER	2008	22,789											
FIRE	233	FORD	EXPLORER	2007	22,234											
FIRE	204	SUTPHEN	PUMPER E4 (OLD)	1991	222,083											
FIRE	203	SUTPHEN	PUMPER E3 (OLD)	1988	180,000											
FIRE	2550	FORD	VAN	1989	85,000											
FIRE	206	MACK	PUMPER E7	1965	60,000											
FIRE	215	DODGE	RAM 3500	1994	28,506											
FIRE	221	PIERCE	AERIAL T1	2008	973,495											
FIRE	NAFA	BUFFALO	PUMPER	1929	10,000											
FIRE	NAFA	BUFFALO	PUMPER	1929	10,000											
				TOTAL	4,666,767	9,000					193,400	0	267,400	267,400	267,400	420,994

Note: No annual depreciation amount is listed for vehicles replaced in previous years. They are listed here to give an accounting of the fleet.

HIGHWAY DEPARTMENT

Funding is available to purchase replacements for Unit #324, a Sterling Dump Truck and Unit #329, a Kenworth Tri-Axle.

APPENDIX D

HIGHWAY

HIGHWAY				ANTIC- EST.LIFE					CURRENT		PROJECTED	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,				
USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	DEPRECIATION	LIFE CYCLE	RE-MAINING	REPL. COST	REPL. COST		2016	2017	2018	2019	2020	
HWY	324	STERLING	DUMP TRUCK	2000	92,300	6,207	16	0	190,000	190,000		190,000	0	0	0	0	
HWY	329	KENWORTH	TRI-AXLE	1987	24,000	1,491	29	0	145,000	145,000		145,000	0	0	0	0	
HWY	313	STERLING	DUMP TRUCK	2001	89,386	6,149	16	1	195,968	202,827		0	202,827	0	0	0	
HWY	304	FORD	F350 PUJ with plow	2008	27,104	3,581	9	1	37,750	39,071		0	39,071	0	0	0	
HWY	356	ODB	LCT600 Leaf Collector	2005	15,993	1,943	12	1	22,244	23,023		0	23,023	0	0	0	
HWY	335	FORD	F350 Dump w/sander	2008	39,075	4,911	10	2	33,319	39,075		0	0	39,075	0	0	
HWY	330	BRAGA	9-TON TRAILER	2000	15,000	1,559	18	2	21,584	23,121		0	0	23,121	0	0	
TRAFFIC	317	STERLING	DUMP TRUCK	2003	93,000	6,250	18	3	194,079	215,179		0	0	0	215,179	0	
HWY	306	FORD	F350 P/U w/plow & sander	2010	32,708	3,846	9	3	37,531	41,612		0	0	0	41,612	0	
HWY	321/347	INTERNATIONAL	DUMP TRUCK (CB) w/VACALL LV	1999	207,000	14,025	21	4	214,245	245,851		0	0	0	0	245,851	
HWY	323	STERLING	DUMP TRUCK	2004	94,328	6,333	16	4	195,968	224,878		0	0	0	0	224,878	
HWY	333	ATHEY	SWEEPER	2000	81,000	8,425	21	5	215,119	255,494		0	0	0	0	0	
HWY	334	ATHEY	SWEEPER	2000	81,000	8,425	21	5	215,119	255,494		0	0	0	0	0	
HWY	318	STERLING	DUMP TRUCK	2006	100,932	8,746	15	5	195,968	232,748		0	0	0	0	0	
HWY	358	CAT	LOADER 938	1999	98,500	4,875	22	5	152,012	180,543		0	0	0	0	0	
HWY	348	CATERPILLAR	BACKHOE	2008	103,962	6,935	18	6	132,268	162,592		0	0	0	0	0	
HWY	359	CATERPILLAR	LOADER 935	2000	97,000	4,898	22	6	123,412	151,704		0	0	0	0	0	
HWY	307	FORD	F450	2007	38,614	3,007	15	6	49,127	60,390		0	0	0	0	0	
HWY	325	STERLING	L7500	2008	114,159	7,572	15	7	140,330	178,540		0	0	0	0	0	
TRAFFIC	326	STERLING	L7500	2008	114,159	7,572	15	7	140,330	178,540		0	0	0	0	0	
HWY	328	DYNAPAK	ROLLER	2003	55,480	3,010	20	7	117,941	150,054		0	0	0	0	0	
HWY	309	CHEVROLET	SILVERADO 3500	2013	44,618	4,887	10	7	46,180	58,753		0	0	0	0	0	
HWY	340	CATERPILLAR	DOZER	2001	29,500	1,777	23	8	30,533	40,205		0	0	0	0	0	
HWY	336	INTERSTATE	TRAILER	2006	18,002	1,597	18	8	22,904	30,160		0	0	0	0	0	
HWY	312	FREIGHTLINER	DUMP TRUCK w/plow	2010	145,090	10,098	15	9	195,968	267,084		0	0	0	0	0	
HWY	352	ODB	LCT600 Leaf Collector	2011	21,657	1,869	16	10	24,852	35,057		0	0	0	0	0	
HWY	354	ODB	LCT600 Leaf Collector	2011	21,657	1,869	15	10	24,852	35,057		0	0	0	0	0	
HWY	355	ODB	LCT600 Leaf Collector	2011	21,657	1,869	15	10	24,852	35,057		0	0	0	0	0	
HWY	320	FREIGHTLINER	Dump Truck w/plow	2012	165,254	11,442	15	11	177,024	258,450		0	0	0	0	0	
HWY	353	ODB	LCT600 Leaf Collector	2012	22,653	1,935	15	11	24,266	35,428		0	0	0	0	0	
HWY	332	DOOSAN	Air Compressor P185WJDT41	2012	20,585	1,797	15	11	22,051	32,194		0	0	0	0	0	
HWY	362	LEEBOY	L1000T Paver	2008	58,880	3,419	20	12	72,379	109,370		0	0	0	0	0	
HWY	364	Falcon RME	P4D2RID Asphalt Recycler	2014	28,058	2,429	15	13	30,056	47,007		0	0	0	0	0	
HWY	345	CAT	WHEEL LOADER	2014	249,841	12,967	20	18	267,636	497,131		0	0	0	0	0	
HWY	341	FREIGHTLINER	DUMP TRUCK w/plow	2014	178,579	12,330	15	13	184,829	289,085		0	0	0	0	0	
HWY	342	FREIGHTLINER	DUMP TRUCK w/plow	2014	178,579	12,330	15	13	184,829	289,085		0	0	0	0	0	
HWY	365	SnoGo	MK-800 loader mount snowblower	2014	74,237	4,287	20	18	79,525	147,716		0	0	0	0	0	
HWY	302	CHEVROLET	Silverado 3500	2015	38,817	4,287	10	9	38,817	52,831		0	0	0	0	0	
HWY	343	FREIGHTLINER	DUMP TRUCK w/plow	2015	178,579	12,330	15	14	184,829	289,182		0	0	0	0	0	
HWY	316	CHEVROLET	Silverado 3500 w/plow	2015	44,040	4,829	10	9	44,040	60,022		0	0	0	0	0	
HWY	3701	FORD	Explorer	2013	32,045	4,097	9	6	34,328	42,198		0	0	0	0	0	
HWY	322	STERLING	DUMP TRUCK	2000	92,300												
HWY	368	FORD	EXPLORER	2007	22,234												
HWY	301	FORD	F-250	2005	25,900												
HWY	308	FORD	F-250	2005	25,900												
HWY	350	CAT	WHEEL LOADER	1994	90,000												
HWY	305	CHEVROLET	PICKUP TRUCK (Svc Vehicle)	2000	18,574												
HWY	3155	FORD	CROWN VICTORIA	2005	21,584												
HWY	327	LEEBOY	ROLLER	1999	20,000												
HWY	314	FORD	DUMP TRUCK	1996	87,553												
HWY	349	JOHN DEERE	SKIDSTEER	1998	27,423												
HWY	3320	INTERNATIONAL	DUMP TRUCK	1993	84,000												
HWY	3701	CHEVROLET	PICK UP	1998	18,656												
HWY	331	FORD	JET TRUCK LN8000	1994	4,021												
HWY	315	INTERNATIONAL	DUMP TRUCK	1993	84,000												
HWY	368	INTERNATIONAL	Garbage Truck	1985	3,500												
TOTAL					3,810,452	230,207						0	335,000	264,921	62,198	258,791	470,729

Note: No annual depreciation amount is listed for vehicles replaced in previous years. They are listed here to give accounting of the fleet.

PARKS DEPARTMENT

Funding is available to purchase a replacement for Unit #404, a Ford F-350 Truck and Unit #420, a Holland Farm Tractor.

45

Note: No annual depreciation amount is listed for vehicles replaced in previous years. They are listed here to give an accounting of the fleet.

Appendix E

AGENDA ITEM: VIII.A

DATE: 6-28-16

RESOLUTION NO. 2016-93

RESOLVED:

Pursuant to the Capital Improvement Committee's recommendation, the Newington Town Council hereby authorizes the modification of the FY 2016-17 Capital Improvement Plan document to include the following bonding projects:

- Town Hall/Community Center/Library Improvements
- Anna Reynolds Renovate as New
- Park Improvements
- Fire Houses 3 & 4

MOTION BY: Councilor Klett

SECONDED BY: Councilor Serra

VOTE: 8 – 0 (Councilor Manke absent)