



**TOWN OF NEWINGTON
LONG RANGE
CAPITAL IMPROVEMENT PLAN
2019-2020 THROUGH 2023-2024
COUNCIL ADOPTED**



Roy Zartarian
Mayor

TOWN OF NEWINGTON

131 Cedar Street Newington, Connecticut 06111

OFFICE OF THE MAYOR

April 16, 2019

This document represents the Town Council's Adopted Long Range Capital Improvement Plan. This Plan, representing the Fiscal Years 2019-2020 through 2023-2024 long-range capital needs, starts with the 2018-2019 fiscal year and plans an additional five years forward. As presented, 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.
- 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

TABLE 1

**CAPITAL IMPROVEMENT PLAN SUMMARY
FOR THE FISCAL YEARS 2019-2020 THROUGH 2023-2024
BY SOURCES OF FUNDING**

Sources of Funding	COUNCIL ADOPTED	COUNCIL ADOPTED	PROPOSED CAPITAL IMPROVEMENT PLAN				TOTAL
	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
Town Funds	4,068,828	5,232,568	6,883,835	6,385,010	6,676,910	4,111,910	33,359,061
State Aid							
LoCIP	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
Town Aid Road	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
School Building Grants							0
Other Grants							
Other Revenue	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Other CIP Funds							0
TOTALS	4,708,828	5,872,568	7,523,835	7,025,010	7,316,910	4,751,910	37,199,061

**CAPITAL IMPROVEMENT PLAN SUMMARY
FOR THE FISCAL YEARS 2019-2020 THROUGH 2023-2024
BY PAY-AS-YOU-GO PROJECTS AND DEBT SERVICE PAYMENTS**

Project Category	COUNCIL ADOPTED	COUNCIL ADOPTED	PROPOSED CAPITAL IMPROVEMENT PLAN				TOTAL
	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
Pay-As-You-Go							
General Government	1,744,600	2,529,903	1,809,500	2,531,500	686,000	671,000	9,972,503
Public Safety	179,000	388,000	345,000	175,000			1,087,000
Public Works	555,000	540,000	490,000	715,000	3,090,000	540,000	5,930,000
Community Development	40,000	25,000					65,000
Parks And Recreation	289,000	688,437	1,525,000	275,000	275,000	275,000	3,327,437
Education	513,828	313,828	1,757,961	1,757,961	1,757,961	1,757,961	7,859,500
Equipment Replacement	787,400	787,400	956,374	930,549	867,949	867,949	5,197,621
Annual Debt Service Payments	786,081	1,525,231	2,793,181	4,075,806	5,176,131	5,046,631	19,403,062
TOTALS	4,894,909	6,797,799	9,677,016	10,460,816	11,853,041	9,158,541	52,842,123

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%.
- In the past, the Town has been budgeting \$6.3 million annually for debt service and Pay-As-You-Go (PAYG) financing. Starting in 2019-2020, this figure becomes 5.8% of the Budget. In future years we maintain the debt to budget ratio of 5.8%, using an assumed rate of a 2.5% appropriation increase. This base allows the Town to add \$52 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.

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 Issued 2/2013 1.58% true interest cost	\$4,818,000 Issued 2/2013 1.58% true interest cost	
2020	299,342	460,889	760,231
2021	287,880	443,552	731,432
2022	278,536	429,395	707,931
2023	267,269	412,362	679,631
2024	256,113	395,518	651,631
2025		188,931	188,931
2026			
TOTALS	\$ 1,389,140	\$ 2,330,647	\$ 3,719,787

Total Principal Payments	\$	3,500,000
Total Interest Payments	\$	219,787
Total Principal and Interest Payments	\$	<u>3,719,787</u>

**CURRENT BONDED DEBT
As of June 30, 2019**

Education	\$	1,311,000
Public Safety	\$	2,189,000
Total	\$	<u>3,500,000</u>

TABLE 3

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

Fiscal Year Ending June 30,	Combined Debt Service & PAYG TARGET	Existing Long-Term Debt Service	Town Hall/Community Center			Undesignated Building Projects		Total Debt Service	Funding for Pay As You Go Projects	Total Outstanding Debt
			\$9,000,000 Issued 3/2019 3.50%	\$15,000,000 Issued 3/2020 3.75%	\$3,000,000 Issued 3/2021 4.00%	\$12,000,000 Issued 3/2021 4.00%	\$13,000,000 Issued 3/2022 4.25%			
2018	6,300,000	1,150,581						1,150,581	5,149,419	4,195,000
2019	6,300,000	786,081						786,081	5,513,919	12,500,000
2020	7,056,512	760,231	765,000					1,525,231	5,531,281	26,360,000
2021	7,232,925	731,431	749,250	1,312,500				2,793,181	4,439,744	39,485,000
2022	7,413,748	707,931	733,500	1,284,375	270,000	1,080,000		4,075,806	3,337,942	49,870,000
2023	7,599,092	679,631	717,750	1,256,250	264,000	1,056,000	1,202,500	5,176,131	2,422,960	46,620,000
2024	7,789,069	651,631	702,000	1,228,125	258,000	1,032,000	1,174,875	5,046,631	2,742,438	43,385,000
2025	7,983,796	188,931	686,250	1,200,000	252,000	1,008,000	1,147,250	4,482,431	3,501,364	40,600,000
2026	8,183,390		670,500	1,171,875	246,000	984,000	1,119,625	4,192,000	3,991,390	38,000,000
2027	8,387,975		654,750	1,143,750	240,000	960,000	1,092,000	4,090,500	4,297,475	35,400,000
2028	8,597,675		639,000	1,115,625	234,000	936,000	1,064,375	3,989,000	4,608,675	32,800,000
2029	8,812,617		623,250	1,087,500	228,000	912,000	1,036,750	3,887,500	4,925,117	30,200,000
2030	9,032,932		607,500	1,059,375	222,000	888,000	1,009,125	3,786,000	5,246,932	27,600,000
2031	9,258,755		591,750	1,031,250	216,000	864,000	981,500	3,684,500	5,574,255	25,000,000
2032	9,490,224		576,000	1,003,125	210,000	840,000	953,875	3,583,000	5,907,224	22,400,000
2033	9,727,480		560,250	975,000	204,000	816,000	926,250	3,481,500	6,245,980	19,800,000
2034	9,970,667		544,500	946,875	198,000	792,000	898,625	3,380,000	6,590,667	17,200,000
2035	10,219,933		528,750	918,750	192,000	768,000	871,000	3,278,500	6,941,433	14,600,000
2036	10,475,432		513,000	890,625	186,000	744,000	843,375	3,177,000	7,298,432	12,000,000
2037	10,737,317		497,250	862,500	180,000	720,000	815,750	3,075,500	7,661,817	9,400,000
2038	11,005,750		481,500	834,375	174,000	696,000	788,125	2,974,000	8,031,750	6,800,000
2039	11,280,894		465,750	806,250	168,000	672,000	760,500	2,872,500	8,408,394	4,200,000
2040	11,562,917			778,125	162,000	648,000	732,875	2,321,000	9,241,917	2,050,000
2041	11,851,989				156,000	624,000	705,250	1,485,250	10,366,739	650,000
2042	12,148,289						677,625	677,625	11,470,664	-
TOTALS		5,656,450	12,307,500	20,906,250	4,260,000	17,040,000	18,801,250	78,971,450		

Total Principal Payments 57,220,000
 Total Interest Payments \$ 21,751,450
 Total Principal and Interest Payments \$ 78,971,450

Possible Bonding Projects (in alphabetical order):
 Anna Reynolds Renovate as New
 Fire Houses 3 & 4
 John Wallace Wing Renovation
 Library Improvements
 Park Improvements

TABLE 4
COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
PROJECT DESCRIPTIONS
FOR THE FISCAL YEARS 2019-2020 THROUGH 2023-2024

GENERAL GOVERNMENT

Multiple year projects are continued in FY 2019-2020 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, Town Buildings Mechanical Reserve for systematic replacement of aging and failed HVAC, electrical, plumbing and support equipment at the various Town buildings and Town Buildings Sidewalk Replacement & Repairs for the replacement or repair of sidewalks, handicap ramps and masonry at various Town owned facilities.

Multiple year funding continues in FY 2019-2020 and FY 2020-2021 for:

- Townwide Fiber Optic Deployment to modernize the town network infrastructure by deploying fiber optic town-wide to include redundant core backbone and connectivity to all Town and Board of Education facilities. This project will provide enhanced network operations for backup, disaster recovery and options for municipal broadband services.
- Town Hall/Community Center Technology Costs for acquisitions, consulting, labor, hardware and software to support new Town Hall/Community Center project.

Projects for FY 2019-20 are:

- Senior & Disabled Center Building Energy Management System to cost-effectively convert the existing stand-alone electric temperature control system to a new Direct Digital control system, leading to more productivity and energy conservation.
- American Legion Bldg Roof & Siding Replacement includes funding for replacing the roof, siding and two windows for this building. The aging roof has many leaks, the siding is in disrepair and some windows are broken.
- Town Hall/Community Center Spray Foam Insulation includes funding for expanding spray foam insulation to be sprayed into all finished wall and ceiling cavities throughout the new building. This will provide thermal insulation and minimize air infiltration, which saves on energy costs and greatly reduces utility bills.
- Town Hall/Community Center Emergency Generator to install an emergency generator in the new building.
- Town Hall/Community Center Gym Equipment to fund necessary equipment for the gyms.
- Town Hall/Community Center Roof Screens to install roof screens as vision barriers to hide mechanical equipment, allow airflow and reduce wind loads.
- Town Hall/Community Center Kitchenettes to install kitchenettes throughout the building, comprised of wash sink, counter top, mini refrigerator, microwave and coffee/hot water dispenser.

Multiple year funding begins in FY 2020-2021 for:

- 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. The funding for this project is spread over two years, FY 2020-2021 and FY 2021-2022.

Other future projects include Revaluation in FY 2020-2021 and FY 2021-2022 for State mandated property revaluation and Town Hall/Community Center Furniture, Fixtures & Equipment in FY 2021-2022 for furniture and equipment needed for workers to perform their daily work.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2018-2019 THROUGH 2023-2024

PROJECT TITLE	Financing**	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED 2018-2019	ADOPTED 2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
General Government								
Information Technology Reserve	P	435,600	408,000	604,500	451,500	531,000	516,000	2,946,600
Town Hall/Community Center Technology Costs	P	450,000	500,000	150,000				1,100,000
Townwide Fiber Optic Deployment	P	250,000	375,000	450,000				1,075,000
General Property Improvements	P	85,000	90,000	90,000	90,000	90,000	90,000	535,000
Town Buildings Mechanical Reserve	P	50,000	40,000	40,000	40,000	40,000	40,000	250,000
Town Buildings Sidewalk Replacement & Repairs	P	25,000	12,000	25,000	25,000	25,000	25,000	137,000
Senior & Disabled Center Bldg Energy Management System	P		12,000					12,000
Highway Garage Building Addition	P			425,000	400,000			825,000
American Legion Bldg Roof & Siding Replacement	P		40,000					40,000
Town Hall/Community Center Spray Foam Insulation	P		120,409					120,409
Town Hall/Community Center Emergency Generator	P		231,481					231,481
Town Hall/Community Center Gym Equipment	P		174,330					174,330
Town Hall/Community Center Roof Screens	P		388,525					388,525
Town Hall/Community Center Kitchenettes	P		138,158					138,158
Revaluation	P			25,000	25,000			50,000
Town Hall/Community Center Furniture, Fixtures & Equipment	P				1,500,000			1,500,000
Highway Garage ADA Compliance Front Entryway	P	80,000						80,000
Highway Garage Fire and Security Alarm Upgrade	P	29,000						29,000
Highway Garage Building Upgrades & Repairs	P	40,000						40,000
Town Hall Improvements	P	300,000						300,000
Total General Government		1,744,600	2,529,903	1,809,500	2,531,500	686,000	671,000	9,972,503

** 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 2019-20 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.

Multiple year funding continues in FY 2019-2020 for Fire Dept. Personal Protective Equipment Replacement & PPE Dryer which will replace 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. This year a PPE Dryer will also be added.

The following projects are proposed in FY 2019-2020:

- Police Door Access Control System to replace the current outdated door access system and integrate the new system with the new Town Hall security system.
- Fire Dept Apparatus Emergency Lighting Upgrade for the replacement of existing emergency lighting on fire department apparatus. Replacement parts are no longer available due to age of the lighting.
- Fire Dept Apparatus ResQTec Airbags to replace outdated air bag equipment used for extrication of trapped victims in motor vehicle accidents and machinery and heavy equipment entrapment.
- Fire Dept Pager Replacement for the replacement of 100 pagers used to “tone-out” members for fire incidents. Parts and equipment are no longer available for current pagers.
- Fire Dept PPE Extractor is to add a second PPE extractor to facilitate the turnaround time of washing PPE after training and fire incidents.

Projects for FY 2020-2021 are:

- Fire Co. 4 Fire House Replacement Study to do a feasibility study on expanding/replacing this facility.
- Fire Dept Thermal Imager Cameras Replacement to replace 8 year old cameras.
- Fire Co 5 Interior and Exterior Painting for painting of firehouse exterior, apparatus bays and interior.
- Fire Co 4 & 5 Heating System Replacement to replace 30 heating system with new systems that can provide substantial heat to sustain these facilities during extended emergencies.
- Fire Co. 1 Energy Efficient Radiant Heat System to replace existing 30 year old system with radiant heating system.

Funding is proposed in FY 2021-2022 for Fire Co. 3 Fire House Replacement Study to do a feasibility study on expanding/replacing this facility and for Fire Co 3 & 5 Kitchen Replacement.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2018-2019 THROUGH 2023-2024

PROJECT TITLE	Financing**	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED 2018-2019	ADOPTED 2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
Public Safety								
Radio Replacement Reserve	P	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Police Door Access Control System	P		95,000					95,000
Fire Dept Personal Protective Equipment Replacement & PPE Dryer	P	68,000	72,000					140,000
Fire Dept Apparatus Emergency Lighting Upgrade	P		35,000					35,000
Fire Dept Apparatus ResQTec Airbags	P		70,000					70,000
Fire Dept Pager Replacement	P		50,000					50,000
Fire Dept PPE Extractor	P		26,000					26,000
Fire Co 4 Fire House Replacement Study	P			150,000				150,000
Fire Dept Thermal Imager Cameras Replacement	P			90,000				90,000
Fire Co #5 Interior and Exterior Painting	P			30,000				30,000
Fire Co #4 & #5 Heating System Replacement	P			25,000				25,000
Fire Co #1 Energy Efficient Radiant Heat System	P			50,000				50,000
Fire Co 3 Fire House Replacement Study	P				150,000			150,000
Fire Co 3 & 5 Kitchen Replacement	P				25,000			25,000
Fire Dept HQ & Co 1 Energy Efficient A/C Replacement	P	45,000						45,000
Fire Co 1 Energy Efficient Radiant Heat System	P	26,000						26,000
Total Public Safety		179,000	388,000	385,000	215,000	40,000	40,000	1,247,000

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

PUBLIC WORKS - ENGINEERING

The Town normally 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 2019-2020 an additional \$300,000 from the General Fund has been proposed to make a total of \$900,000 available to repair over 19,000 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 2019-2020 for:

- Public Building Resurfacing Program to resurface driveways and parking lots at Town facilities.
- Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Replace Program for repair or replacement of aging sidewalks, pavers & curbs for which the Town is responsible.
- MS4 Compliance/Stormwater Management Plan for this unfunded mandate from DEEP to sample and test stormwater discharge for compliance, reduce stormwater discharge and eliminate illicit discharges.
- 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.
- Stonewall Repair Program addresses the increasing demand for the repair and/or reconstruction of existing stonewalls for which the Town is responsible.

FY 2019-2020 begins multiple year funding for:

- Local Bridge & Dam Inspection and Maintenance to inspect aging bridges and dams.
- Flood Control System Maintenance Reserve to maintain public flood control infrastructure, annually mow banks along the brooks to maintain system certification and fulfill unfunded mandate by the State.

Other future projects include Flood Control System Dredging in FY 2022-2023 to remove and dispose of contaminated sediment from 5 ponds and Government Center Road Resurfacing (Garfield/Mozzocoli) in FY 2021-2022 to resurface Garfield Street and Mozzocoli Way after Bus Garage Remediation project and Town Hall/Community Center project.

PUBLIC WORKS – HIGHWAY

Multiple year funding continues in FY 2019-2020 for Traffic Signal Repair & Replacement Reserve to provide funding for replacement and repairs to traffic signals and traffic preemption on an ongoing basis.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2018-2019 THROUGH 2023-2024

PROJECT TITLE	Financing **	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED 2018-2019	ADOPTED 2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
Public Works - Engineering								
Local Bridge & Dam Inspection and Maintenance	P		25,000	25,000	25,000	25,000	25,000	125,000
Road Resurfacing/Reconstruction	P	900,000	900,000	900,000	900,000	900,000	900,000	5,400,000
Public Building Resurfacing Program	P		50,000		50,000	50,000	50,000	200,000
Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Replace	P		50,000	50,000	50,000	50,000	50,000	250,000
Flood Control System Maintenance Reserve	P		20,000	20,000	20,000	20,000	20,000	100,000
MS4 Compliance/Stormwater Management Plan	P	30,000	30,000	30,000	30,000	30,000	30,000	180,000
Drainage Improvement	P		25,000	25,000	25,000	25,000	25,000	125,000
Stonewall Repair	P		15,000	15,000	15,000	15,000	15,000	75,000
Flood Control System Dredging	P					2,550,000		2,550,000
Government Center Road Resurfacing (Garfield/Mozzocoli)	P				175,000			175,000
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	200,000						200,000
Total Public Works		1,155,000	1,140,000	1,090,000	1,315,000	3,690,000	1,140,000	9,530,000

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

COMMUNITY DEVELOPMENT

Funding is proposed in FY 2019-2020 for Affordable Housing Plan Appendix to 2030 POCD (Plan of Conservation and Development) to prepare this plan as required by the State at least every five years. This plan would be developed concurrently with the new POCD and would be an appendix to it.

PARKS AND RECREATION

Multiple year funding continues in FY 2019-2020 for:

- Park, Pool and Playfield Improvements which 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.
- Town Parks ADA Compliant Paths, Walkways & Parking to continue the process of installing Federal mandated ADA accessible pathways, walkways and parking in Town parks.
- Synthetic Turf Replacement Reserve to accumulate funds in order to replace the existing turf and fill material, which has a useful life of 10 years.

Beginning in FY 2019-2020, funding for some projects has been transferred to the new Parks and Recreation CIP Fund.

Funding is included in FY 2019-2020 for:

- Community Center Gym Bumpout to fund the expansion of the gyms for additional seating.

In FY 2020-2021 projects include Community Center Furniture and Equipment to provide for the furniture, equipment and storage structures that will be needed for the new Community Center, Clem Lemire Legends Field Lighting to install field lights at the 90 foot baseball field and Beechwood Park Playground, Rubber Surface & ADA Compliant Paths to replace the wood fiber surface with a rubber surface, install new handicap accessible playground and ADA accessible walkways.

TABLE 4

COMPREHENSIVE CAPITAL IMPROVEMENT PLAN
FOR THE FISCAL YEARS 2018-2019 THROUGH 2023-2024

PROJECT TITLE	Financing**	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED 2018-2019	ADOPTED 2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
Community Development								
2030 Plan of Conservation & Development (POCD)	P	40,000						40,000
Affordable Housing Plan Appdx to 2030 POCD	P		25,000					25,000
Total Community Development		40,000	25,000	-	-	-	-	65,000
Parks And Recreation								
Park, Pool & Playfield Improvements	P	75,000	200,000	200,000	200,000	200,000	200,000	1,075,000
Town Parks ADA Compliant Paths, Walkways & Parking	P	25,000	50,000	50,000	50,000	50,000	50,000	275,000
Synthetic Turf Replacement Reserve	P	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Community Center Gym Bumpout	P		413,437					413,437
Community Center Furniture and Equipment	P			650,000				650,000
Clem Lemire Legends Field Lighting	P			325,000				325,000
Beechwood Park Playground, Rubber Surface & ADA Compliant Paths	P			275,000				275,000
Mill Pond Soccer Field Irrigation	P	75,000						75,000
Clem Lemire Skate Park Renovation	P	89,000						89,000
Total Parks & Recreation		289,000	688,437	1,525,000	275,000	275,000	275,000	3,327,437

** 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 2019-2020 continues multiple year funding for School Technology for the 1:1 device program.

Multiple year funding begins in FY 2020-2021 for School Bus Replacement Program, School Entrances (Security), School Roof Repair Reserve, Districtwide HVAC Replacements, and School Driveways, Parking Lots & Sidewalks.

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 2018-2019 THROUGH 2023-2024

PROJECT TITLE	Financing**	COUNCIL	COUNCIL	PROPOSED CAPITAL IMPROVEMENT PLAN				Total
		ADOPTED 2018-2019	ADOPTED 2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	
Education								
Appr. To Public School CIP Reserve	P	125,000	125,000	125,000	125,000	125,000	125,000	750,000
School Bus Replacement Program	P	200,000		644,133	644,133	644,133	644,133	2,776,532
School Technology Reserve	P	188,828	188,828	188,828	188,828	188,828	188,828	1,132,968
School Entrances (Security)	P			300,000	300,000	300,000	300,000	1,200,000
School Roof Repair Reserve	P			250,000	250,000	250,000	250,000	1,000,000
Districtwide HVAC Replacements	P			150,000	150,000	150,000	150,000	600,000
School Driveways, Parking Lots & Sidewalks	P			100,000	100,000	100,000	100,000	400,000
Total Education		513,828	313,828	1,757,961	1,757,961	1,757,961	1,757,961	7,859,500
Total Capital Improvements		3,921,428	5,085,168	6,567,461	6,094,461	6,448,961	3,883,961	32,001,440
Equipment Replacement								
Equipment Replacement Reserve	P	520,000	520,000	530,000	530,000	550,000	550,000	3,200,000
Lease Purchase	P	267,400	267,400	426,374	400,549	317,949	317,949	1,997,621
Total Equipment Replacement		787,400	787,400	956,374	930,549	867,949	867,949	5,197,621
Grand Total		4,708,828	5,872,568	7,523,835	7,025,010	7,316,910	4,751,910	37,199,061

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

TABLE 5
CAPITAL IMPROVEMENT PLAN 2018-19

—STATE AID—

	Project Title	Department Request	Town Manager Proposed	CIP			STATE AID		General Fund Budget
				Committee Proposed	Town Council Tentative	Town Council Adopted	LoCIP	Town Aid Roads	
General Government	General Property Improvements	100,000	85,000	85,000	85,000	85,000		85,000	
	Town Buildings Mechanical Reserve	50,000	50,000	50,000	50,000	50,000		50,000	
	Highway Garage ADA Compliance Front Entryway	80,000	80,000	80,000		80,000		80,000	
	Highway Garage Fire & Security Alarm Upgrade	29,000	29,000	29,000	29,000	29,000		29,000	
	Highway Garage Building Upgrades & Repairs	120,000	120,000	120,000	120,000	40,000		40,000	
	Town Buildings Sidewalk Replacement & Repairs	25,000	25,000	25,000	25,000	25,000		25,000	
	Environmental Remediation			800,000	300,000			-	
	Town Hall Improvements					300,000		300,000	
	Historical Property Upgrades	70,000						-	
	Center Cemetery Fence Replacement	37,000						-	
	Senior & Disabled Center Building Energy Management System	100,000						-	
	Highway Garage Building Addition	300,000						-	
	Police Building Energy Management System	100,000						-	
	Information Technology Reserve	435,600	435,600	435,600	435,600	435,600		435,600	
	Townwide Fiber Optic Deployment	1,250,000	500,000	500,000	250,000	250,000		250,000	
	Town Hall/Community Ctr Technology Costs	2,000,000	800,000	800,000	450,000	450,000		450,000	
Public Safety	Radio Replacement Reserve	40,000	40,000	40,000	40,000	40,000		40,000	
	Fire Department Personal Protective Equip. (PPE) Replacement	120,000	68,000	68,000	68,000	68,000		68,000	
	Fire Dept HQ & Co #1 Energy Efficient A/C Replacement	45,000	45,000	45,000	45,000	45,000		45,000	
	Fire Dept Thermal Imager Camera Replacement	60,000	26,000	26,000	26,000			-	
	Fire Co #4 & #5 Heating System Replacement	25,000						-	
	Fire Department PPE Dryers	25,000						-	
	Fire Co #4 Firehouse Replacement	150,000						-	
	Fire Co #5 Interior Interior and Exterior Painting	30,000						-	
	Fire Co #1 Energy Efficient Radiant Heat System	40,000	40,000	40,000		26,000		26,000	
Public Works	Road Resurfacing/Reconstruction	1,100,000	900,000	900,000	900,000	900,000	200,000	400,000	
	MS4 Compliance/Stormwater Management Plan	110,000	30,000	30,000	30,000	30,000		30,000	
	Streetscape Improvements	72,000						-	
	Flood Control System Maintenance Reserve	40,000						-	
	Sidewalk Repair	25,000						-	
	Stonewall Repair	25,000						-	
	Drainage Improvement	25,000						-	
	Public Building Resurfacing Program	25,000						-	
	Landfill Conversion to Transfer Station	200,000	200,000	200,000	200,000	200,000		200,000	
	Traffic Signal Reserve	25,000	25,000	25,000	25,000	25,000		25,000	
Community Development	2030 Plan of Conservation & Development (POCD)	40,000	40,000	40,000	40,000	40,000		40,000	
Parks And Recreation	Snow Removal/Roadside Mowing Equipment	175,000	225,000	225,000				-	
	Town Parks ADA Compliant Paths	75,000	25,000	25,000	25,000	25,000		25,000	
	Mill Pond Soccer Field Irrigation	75,000	75,000	75,000	75,000	75,000		75,000	
	Park, Pool & Playfield Improvements	200,000	75,000	75,000	75,000	75,000		75,000	
	Synthetic Turf Field Replacement Reserve	25,000	25,000	25,000	25,000	25,000		25,000	
	Clem Lemire Skate Park Renovation		89,000	89,000		89,000		89,000	
	Walk Behind Core Aerator Equipment	35,000						-	
	Emmanuel Christian Academy Soccer Fields Irrigation	100,000						-	
	Clem Lemire Legends Field Lighting	250,000						-	
Education	Appr. To Public School CIP Reserve	125,000	125,000	125,000	125,000	125,000		125,000	
	J. Wallace Classroom Wings Reconfiguration	1,000,000	1,000,000					-	
	School Technology Reserve	188,828	188,828	188,828	188,828	188,828		188,828	
	School Bus Replacement Program	644,133		200,000	200,000	200,000		200,000	
	School Entrances Reconfiguration	300,000						-	
Equipment Replacement	Equipment Replacement Reserve	520,000	520,000	520,000	520,000	520,000		520,000	
	Lease Purchase & Other Payments	267,400	267,400	267,400	267,400	267,400		267,400	
Subtotal Capital Improvements		10,898,961	6,153,828	6,153,828	4,619,828	4,708,828	200,000	400,000	4,108,828
Annual Debt Service Payments									786,081
GRAND TOTAL									4,894,909
									(40,000)
									4,854,909

Less Revenue Budgeted:

Tower Revenue

TABLE 6A
CAPITAL IMPROVEMENT PLAN 2019-20

STATE AID

	Project Title	Department Request	Town Manager Proposed	CIP Committee Proposed	Town Council Tentative	Town Council Adopted	STATE AID		General Fund Budget
							LoCIP	Town Aid Roads	
General Government	General Property Improvements	90,000	90,000	90,000	90,000	90,000			90,000
	Town Buildings Mechanical Reserve	40,000	40,000	40,000	40,000	40,000			40,000
	Town Buildings Sidewalk Replacement & Repairs	25,000	12,000	12,000	12,000	12,000			12,000
	Senior & Disabled Center Building Energy Management System	100,000	100,000	12,000	12,000	12,000			12,000
	Highway Garage Building Upgrades & Repairs	120,000							-
	Senior & Disabled Center Boiler Replacements	75,000							-
	Highway Garage Building Addition	400,000	25,000	25,000					-
	Volunteer Ambulance HVAC Replacement	35,000							-
	American Legion Bldg Roof & Siding Replacement	40,000	40,000	40,000	40,000	40,000			40,000
	Town Hall/Community Center Spray Foam Insulation	192,000	192,000	120,409	120,409	120,409			120,409
	Town Hall/Community Center Emergency Generator			231,481	231,481	231,481			231,481
	Town Hall/Community Center Gym Equipment			174,330	174,330	174,330			174,330
	Town Hall/Community Center Roof Screens			388,525	388,525	388,525			388,525
	Town Hall/Community Center Kitchenettes			138,158	138,158	138,158			138,158
	Information Technology Reserve	408,000	408,000	408,000	408,000	408,000			408,000
	Town Hall/Community Ctr Technology Costs	650,000	650,000	500,000	500,000	500,000			500,000
	Townwide Fiber Optic Deployment	825,000	825,000	425,000	425,000	375,000			375,000
Public Safety	Radio Replacement Reserve	40,000	40,000	40,000	40,000	40,000			40,000
	Police Door Access Control System	95,000	95,000	95,000	95,000	95,000			95,000
	Fire Department PPE Replacement & PPE Dryer	72,000	72,000	72,000	72,000	72,000			72,000
	Fire Dept Apparatus Emergency Lighting Upgrade	35,000	35,000	35,000	35,000	35,000			35,000
	Fire Dept Apparatus ResQ Tec Airbags	70,000	70,000	70,000	70,000	70,000			70,000
	Fire Dept Pager Replacement	50,000	50,000	50,000	50,000	50,000			50,000
	Fire Department PPE Extractor	26,000	26,000	26,000	26,000	26,000			26,000
Public Works	Road Resurfacing/Reconstruction	1,100,000	900,000	900,000	900,000	900,000	200,000	400,000	300,000
	Local Bridge & Dam Inspection and Maintenance	75,000	25,000	25,000	25,000	25,000			25,000
	Public Building Resurfacing Program	50,000	50,000	50,000	50,000	50,000			50,000
	Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Repla	100,000	50,000	50,000	50,000	50,000			50,000
	Flood Control System Maintenance Reserve	40,000	20,000	20,000	20,000	20,000			20,000
	MS4 Compliance/Stormwater Management Plan	160,000	30,000	30,000	30,000	30,000			30,000
	Drainage Improvement	25,000	25,000	25,000	25,000	25,000			25,000
	Stonewall Repair	25,000	15,000	15,000	15,000	15,000			15,000
	Traffic Signal Reserve	25,000	25,000	25,000	25,000	25,000			25,000
Community Development	Affordable Housing Plan Appdx to 2030 POCD	25,000	25,000	25,000	25,000	25,000			25,000
Parks And Recreation	Community Center Furniture and Equipment	1,000,000	350,000						-
	Community Center Gym Bumpout			413,437	413,437	413,437			413,437
	Park, Pool & Playfield Improvements	200,000	200,000	200,000	200,000	200,000			200,000
	Town Parks ADA Compliant Paths, Walkways & Parking	50,000	50,000	50,000	50,000	50,000			50,000
	Synthetic Turf Field Replacement Reserve	50,000	25,000	25,000	25,000	25,000			25,000
	Sport Court Basketball Crack Maintenance & Color Coding	105,000							-
	Snow Removal/Roadside Mowing Equipment	225,000	225,000						-
	Clem Lemire Skate Park Improvements	65,000							-
	Emmanuel Christian Academy Soccer Fields	100,000							-
	Churchill Park Middle Pavilion	150,000							-
Education	Appr. To Public School CIP Reserve	125,000	125,000	125,000	125,000	125,000			125,000
	School Bus Replacement Program	644,133	200,000	200,000					-
	School Technology Reserve	188,828	188,828	188,828	188,828	188,828			188,828
Equipment Replacement	Equipment Replacement Reserve	520,000	520,000	520,000	520,000	520,000			520,000
	Lease Purchase & Other Payments	267,400	267,400	267,400	267,400	267,400			267,400
Subtotal Capital Improvements		8,703,361	6,086,228	6,147,568	5,922,568	5,872,568	200,000	400,000	5,272,568
Annual Debt Service Payments									1,525,231
GRAND TOTAL									<u>6,797,799</u>
									<u>(40,000)</u>
									<u>6,757,799</u>

Less Revenue Budgeted:

Tower Revenue

TABLE 6B

PROPOSED CAPITAL IMPROVEMENT PLAN 2020-21

STATE AID

	Project Title	Total	LoCIP	Town Aid Roads	Building Grants	Other Revenue	General Fund Budget
General Government	Information Technology Reserve	604,500					604,500
	Town Hall/Community Center Technology Costs	150,000					150,000
	Townwide Fiber Optic Deployment	450,000					450,000
	General Property Improvements	90,000					90,000
	Town Buildings Mechanical Reserve	40,000					40,000
	Town Buildings Sidewalk Replacement & Repairs	25,000					25,000
	Highway Garage Building Addition	425,000					425,000
Public Safety	Revaluation	25,000					25,000
	Radio Replacement Reserve	40,000				40,000	-
	Fire Co 4 Fire House Replacement Study	150,000					150,000
	Fire Dept Thermal Imager Cameras Replacement	90,000					90,000
	Fire Co #5 Interior and Exterior Painting	30,000					30,000
	Fire Co #4 & #5 Heating System Replacement	25,000					25,000
	Fire Co #1 Energy Efficient Radiant Heat System	50,000					50,000
Public Works	Road Resurfacing/Reconstruction	900,000	200,000	400,000			300,000
	Local Bridge & Dam Inspection and Maintenance	25,000					25,000
	Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Repl	50,000					50,000
	Flood Control System Maintenance Reserve	20,000					20,000
	MS4 Compliance/Stormwater Management Plan	30,000					30,000
	Drainage Improvement	25,000					25,000
	Stonewall Repair	15,000					15,000
Parks And Recreation	Traffic Signal Repair & Replacement Reserve	25,000					25,000
	Park, Pool & Playfield Improvements	200,000					200,000
	Town Parks ADA Compliant Paths, Walkways & Parking	50,000					50,000
	Synthetic Turf Replacement Reserve	25,000					25,000
	Community Center Gym Furniture and Equipment	650,000					650,000
	Clem Lemire Legends Field Lighting	325,000					325,000
	Beechwood Park Playground, Rubber Surface & ADA Compliant	275,000					275,000
Education	Appr. To Public School CIP Reserve	125,000					125,000
	School Bus Replacement Program	644,133					644,133
	School Technology Reserve	188,828					188,828
	School Entrances (Security)	300,000					300,000
	School Roof Repair Reserve	250,000					250,000
	Districtwide HVAC Replacements	150,000					150,000
	School Driveways, Parking Lots & Sidewalks	100,000					100,000
Equipment Replacement	Equipment Replacement Reserve	530,000					530,000
	Lease Purchase & Other Payments	426,374					426,374
Subtotal Capital Improvements		7,523,835	200,000	400,000	-	40,000	6,883,835
Annual Debt Service Payments							2,793,181
GRAND TOTAL							<u>9,677,016</u>

TABLE 6C
PROPOSED CAPITAL IMPROVEMENT PLAN 2021-22

	Project Title	Total	STATE AID			General Fund Budget	
			LoCIP	Town Aid Roads	Building Grants		Other Revenue
General Government	Information Technology Reserve	451,500				451,500	
	General Property Improvements	90,000				90,000	
	Town Buildings Mechanical Reserve	40,000				40,000	
	Town Buildings Sidewalk Replacement & Repairs	25,000				25,000	
	Highway Garage Building Addition	400,000				400,000	
	Town Hall/Community Center Furniture, Fixtures & Equipment	1,500,000				1,500,000	
	Revaluation	25,000				25,000	
Public Safety	Radio Replacement Reserve	40,000			40,000	-	
	Fire Co 3 Fire House Replacement Study	150,000				150,000	
	Fire Co 3 & 5 Kitchen Replacement	25,000				25,000	
Public Works	Road Resurfacing/Reconstruction	900,000	200,000	400,000		300,000	
	Local Bridge & Dam Inspection and Maintenance	25,000				25,000	
	Public Building Resurfacing Program	50,000				50,000	
	Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Rep	50,000				50,000	
	Flood Control System Maintenance Reserve	20,000				20,000	
	MS4 Compliance/Stormwater Management Plan	30,000				30,000	
	Drainage Improvement	25,000				25,000	
	Stonewall Repair	15,000				15,000	
	Government Center Road Resurfacing (Garfield/Mozzocoli)	175,000				175,000	
	Traffic Signal Repair & Replacement Reserve	25,000				25,000	
Parks And Recreation	Park, Pool & Playfield Improvements	200,000				200,000	
	Town Parks ADA Compliant Paths, Walkways & Parking	50,000				50,000	
	Synthetic Turf Replacement Reserve	25,000				25,000	
Education	Appr. To Public School CIP Reserve	125,000				125,000	
	School Bus Replacement Program	644,133				644,133	
	School Technology Reserve	188,828				188,828	
	School Entrances (Security)	300,000				300,000	
	School Roof Repair Reserve	250,000				250,000	
	Districtwide HVAC Replacements	150,000				150,000	
	School Driveways, Parking Lots & Sidewalks	100,000				100,000	
Equipment Replacement	Equipment Replacement Reserve	530,000				530,000	
	Lease Purchase & Other Payments	400,549				400,549	
Subtotal Capital Improvements		7,025,010	200,000	400,000	-	40,000	6,385,010
Annual Debt Service Payments							4,075,806
GRAND TOTAL							<u>10,460,816</u>

TABLE 6D
PROPOSED CAPITAL IMPROVEMENT PLAN 2022-23

	Project Title	Total	STATE AID			Other Revenue	General Fund Budget
			LoCIP	Town Aid Roads	Building Grants		
General Government	Information Technology Reserve	531,000					531,000
	General Property Improvements	90,000					90,000
	Town Buildings Mechanical Reserve	40,000					40,000
	Town Buildings Sidewalk Replacement & Repairs	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
	Local Bridge & Dam Inspection and Maintenance	25,000					25,000
	Public Building Resurfacing Program	50,000					50,000
	Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Rep	50,000					50,000
	Flood Control System Maintenance Reserve	20,000					20,000
	Flood Control System Dredging	2,550,000					2,550,000
	MS4 Compliance/Stormwater Management Plan	30,000					30,000
	Drainage Improvement	25,000					25,000
	Stonewall Repair	15,000					15,000
	Traffic Signal Repair & Replacement Reserve	25,000					25,000
Parks And Recreation	Park, Pool & Playfield Improvements	200,000					200,000
	Town Parks ADA Compliant Paths, Walkways & Parking	50,000					50,000
	Synthetic Turf Replacement Reserve	25,000					25,000
Education	Appr. To Public School CIP Reserve	125,000					125,000
	School Bus Replacement Program	644,133					644,133
	School Technology Reserve	188,828					188,828
	School Entrances (Security)	300,000					300,000
	School Roof Repair Reserve	250,000					250,000
	Districtwide HVAC Replacements	150,000					150,000
	School Driveways, Parking Lots & Sidewalks	100,000					100,000
Equipment Replacement	Equipment Replacement Reserve	550,000					550,000
	Lease Purchase & Other Payments	317,949					317,949
Subtotal Capital Improvements		7,316,910	200,000	400,000	-	40,000	6,676,910
Annual Debt Service Payments							5,176,131
GRAND TOTAL							<u>11,853,041</u>

TABLE 6E
PROPOSED CAPITAL IMPROVEMENT PLAN 2023-24

	Project Title	Total	STATE AID			Other Revenue	General Fund Budget
			LoCIP	Town Aid Roads	Building Grants		
General Government	Information Technology Reserve	516,000					516,000
	General Property Improvements	90,000					90,000
	Town Buildings Mechanical Reserve	40,000					40,000
	Town Buildings Sidewalk Replacement & Repairs	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
	Local Bridge & Dam Inspection and Maintenance	25,000					25,000
	Public Building Resurfacing Program	50,000					50,000
	Sidewalk, Pavers & Curbs Maintain & Repair or Remove & Repl	50,000					50,000
	Flood Control System Maintenance Reserve	20,000					20,000
	MS4 Compliance/Stormwater Management Plan	30,000					30,000
	Drainage Improvement	25,000					25,000
	Stonewall Repair	15,000					15,000
	Traffic Signal Repair & Replacement Reserve	25,000					25,000
Parks And Recreation	Park, Pool & Playfield Improvements	200,000					200,000
	Town Parks ADA Compliant Paths, Walkways & Parking	50,000					50,000
	Synthetic Turf Replacement Reserve	25,000					25,000
Education	Appr. To Public School CIP Reserve	125,000					125,000
	School Bus Replacement Program	644,133					644,133
	School Technology Reserve	188,828					188,828
	School Entrances (Security)	300,000					300,000
	School Roof Repair Reserve	250,000					250,000
	Districtwide HVAC Replacements	150,000					150,000
	School Driveways, Parking Lots & Sidewalks	100,000					100,000
Equipment Replacement	Equipment Replacement Reserve	550,000					550,000
	Lease Purchase & Other Payments	317,949					317,949
Subtotal Capital Improvements		4,751,910	200,000	400,000	-	40,000	4,111,910
Annual Debt Service Payments							5,046,631
GRAND TOTAL							<u>9,158,541</u>

APPENDICES

APPENDIX A

SUMMARY OF CAPITAL PROJECTS

Project No.	Description	Date of Approval	Appropriation	Encumbrances	Expenditures	Total	2/26/2019
<i>Public Building Fund Projects (3001)</i>							
0120	Town Hall /Community Center Building Project	11/7/2017	28,818,358	411,391	1,085,755	1,497,146	27,321,212 **
88101	Library Expansion/Town Hall Site Plan	4/15/2010	145,000		54,560	54,560	90,440 **
88307	JW, MK, NHS Career Tech Renovation	5/8/2012	4,622,694	1,100	4,347,981	4,349,081	273,613 **
88402	NHS Music Wing/Air Cond Auditorium	4/9/2013	472,648		364,580	364,580	108,068 **
88707	J. Wallace Classroom Wings Reconfiguration	4/5/2016	67		67	67	0 **
88804	Town Hall Improvements	4/10/2007	4,503,929	134,697	3,357,505	3,492,202	1,011,727 **
88806	Town Roof Replacments (incl K.Eddy House)	4/18/2017	70,000			0	70,000
88904	Highway Garage Bldg Upgrades	4/16/2018	40,000			0	40,000
88910	Highway Garage ADA Compliant Front Entrance	4/16/2018	80,000			0	80,000
Subtotal Public Building Fund Projects (3001)			38,752,696	547,188	9,210,448	9,757,636	28,995,060
<i>Capital And Non-Recurring Expenditures Fund Projects (3002)</i>							
88032	Landfill Conversion to Transfer Station	4/14/2009	860,000	338,264	347,374	685,638	174,362
88035	School Concrete Sidewalk Replacement	4/14/2009	40,000		25,694	25,694	14,306
88111	General Property Improvements	4/15/2010	1,132,027	3,409	1,024,151	1,027,560	104,467
88112	Senior & Disabled Ctr HVAC Replacement	4/15/2010	411,750		329,234	329,234	82,516
88114	Public Building Resurfacing	4/15/2010	420,000		379,262	379,262	40,738
88141	General Government Equip. Res.	4/26/1988	848,146	64,884	688,258	753,142	95,003
88142	Public Safety Equip. Res.	4/26/1988	5,417,698		5,335,567	5,335,567	82,131
88143	Public Works Equip. Res.	4/26/1988	4,840,550	228,724	4,516,762	4,745,486	95,064
88144	Parks & Grounds Equip. Res.	4/26/1988	1,818,587		1,697,895	1,697,895	120,692
88146	Equipment Res. Lease Payments	4/26/1988	3,036,218		2,769,074	2,769,074	267,144
88329	National Welding Engineering Services	5/8/2012	320,000		11,559	11,559	308,441
88411	Information Technology Reserve	4/27/1993	5,175,380	70,604	4,360,259	4,430,862	744,518
88416	Drainage Improvement	4/27/1993	1,157,556	10,000	932,490	942,490	215,066
88422	Town Buildings Mechanical Reserve	4/9/2013	325,519	26,085	275,670	301,755	23,764
88515	Sidewalk, Pavers & Curbs Maintain/Repair, Remove/Replac	4/26/1994	647,466		586,326	586,326	61,140
88527	Synthetic Turf Replacement Reserve	4/8/2014	117,500		4,750	4,750	112,750
88526	Recreation Software	4/8/2014	75,000		74,042	74,042	958
88624	General Property School Improvements	4/21/2015	300,000		246,370	246,370	53,630
88625	School Bus	4/21/2015	410,734		197,718	197,718	213,016
88626	School Technology	4/21/2015	566,484		373,423	373,423	193,061
88627	School Driveways, Parking Lots & Sidewalks	4/21/2015	125,000		25,619	25,619	99,381
88628	Engineering Svcs Town Center Streetscape VI	2/9/2016	70,000		68,592	68,592	1,408
88724	Highway Garage HVAC Conversion to Natural Gas	4/5/2016	215,000		178,063	178,063	36,937
88725	Parks Garage Boiler & HVAC Rpl	4/5/2016	70,000		69,983	69,983	17
88726	Fire Dept Personal Protective Equipment	4/5/2016	200,000	49,499	146,333	195,833	4,167
88727	Fire Dept 5" Hose Replacement	4/5/2016	60,000		59,908	59,908	92
88728	Stonewall Repair	4/5/2016	25,000		11,686	11,686	13,314
88729	Elton Drive Terminus Construction	4/5/2016	25,000	2,842	14,605	17,447	7,553
88730	School Districtwide HVAC Replacements	4/5/2016	50,000			0	50,000
88732	Town Bldgs Sidewlk Repl/Repairs	4/5/2016	75,000		43,271	43,271	31,729
88734	Fire Co 5 Emergency Generator	4/25/2017	25,259		25,012	25,012	247
88735	Highway Garage Emergency Repair	4/25/2017	278,000		277,096	277,096	904
88811	Park, Pool & Playground Improvements	4/28/1987	1,412,242	46,800	1,351,845	1,398,645	13,597
88819	Road Reconstruction	4/10/2007	3,049,236	64,425	2,962,164	3,026,589	22,647
88819-3079	Patriot Lane Rd Reconstruction	4/16/2018	68,000			0	68,000
88819-3080	Isabelle Terrace Rd Reconstruction	4/16/2018	26,000			0	26,000

** Building Committee exists

APPENDIX A

SUMMARY OF CAPITAL PROJECTS

Project No.	Description	Date of Approval	Appropriation	Encumbrances	Expenditures	Total	2/26/2019
88820	Townwide Fiber Optic Deployment	4/18/2017	425,000			0	425,000
88821	Public Safety Communication Tower	4/18/2017	240,000		6,780	6,780	233,220
88911	Tax Revaluation Reserve	6/22/1999	1,044,940		1,007,024	1,007,024	37,916
88916	Traffic Signalization Reserve	6/22/1999	256,550	19,362	181,433	200,795	55,755
88926	Radio Replacement Reserve	4/10/2007	469,132	34,247	371,846	406,094	63,039
88931	OCR Compliance	4/8/2008	2,781,253	87,450	2,469,724	2,557,174	224,079 **
88933	Highway Garage Fire/Security Alarm Update	4/16/2018	29,000			0	29,000
88934	Town Hall/Community Center Technology	4/16/2018	450,000			0	450,000
88935	Fire Co 1 Energy Efficient A/C Replacement	4/16/2018	45,000		40,000	40,000	5,000
88936	Fire Co 1 Energy Efficient Radiant Heat	4/16/2018	26,000			0	26,000
88937	MS4 Compliance/Stormwater Management	4/16/2018	30,000			0	30,000
88938	2030 Plan of Conservation & Development	4/16/2018	40,000			0	40,000
88939	Town Parks ADA Compliant Paths, Walkways & Parking	4/16/2018	25,000			0	25,000
88940	Mill Pond Soccer Field Irrigation	4/16/2018	75,000	10,900	28,078	38,978	36,022
88941	Clem Lemire Skate Park Renovation	4/16/2018	89,000		89,000	89,000	0
Subtotal Capital And Non-Recurring Expenditures Fund			39,720,227	1,057,495	33,603,944	34,661,439	5,058,788
<i>Public School Capital Improvement Projects Reserve Fund (3003)</i>							
88152	Districtwide Lighting Improvement	4/15/2010	79,954	15,808	34,146	49,954	30,000
88354	Districtwide Corridors/Exterior Doors	5/8/2012	15,000			0	15,000
88355	Districtwide Bathroom Renovations	5/8/2012	105,000		75,000	75,000	30,000
88356	Districtwide Playground Renovations	5/8/2012	159,023		134,023	134,023	25,000
88452	Districtwide Security and Safety	4/9/2003	142,839		112,839	112,839	30,000
88453	Districtwide Furniture Replacement	4/9/2003	87,808		67,808	67,808	20,000
88555	Technology	2/8/2005	221,352		181,352	181,352	40,000
88651	System-wide Air Conditioning Installation	4/12/2005	331,026		321,762	321,762	9,264
88754	Arts Facility Modifications	4/5/2016	95,000		0	0	95,000
88755	JWMS Wing Improvements	4/5/2016	60,000			0	60,000
88756	Districtwide Underground Storage Tanks	4/5/2016	1,541,677		1,481,677	1,481,677	60,000
88757	Districtwide Roof Reserve	4/5/2016	302,581		242,581	242,581	60,000
88758	Districtwide Blacktop/Paving	4/5/2016	37,075		7,075	7,075	30,000
88851	Athletic Improvements	4/10/2007	355,895		340,895	340,895	15,000
88950	Districtwide School Vehicles	4/16/2018	20,000			0	20,000
88957	Painting	4/14/1998	377,785		347,785	347,785	30,000
88959	Carpet Replacement	4/13/1999	282,230		233,057	233,057	49,174
Subtotal Public School Capital Improvement Projects			4,214,244	15,808	3,579,998	3,595,806	618,438
Total			82,687,167	1,620,491	46,394,391	48,014,882	34,672,286

** Building Committee exists

Appendix B

Projected Use of the Public School CIP Reserve Fund Capital Improvement Plan 2019-2020 through 2023-2024

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 C-1
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)		
Cambridge Drive	1,007	45,000
Fleetwood Road	1,348	61,000
Francis Avenue	3,112	140,000
Glenview Drive	2,323	105,000
Goodale Drive	3,813	160,000
Green Avenue	743	33,000
Holmes Road	1,845	111,000
Marvis Street	309	13,000
Pascone Place	1,905	114,000
Spruce Street	865	39,000
Sunnyside Road	871	39,000
Woodbridge Road	922	39,000
Total Pavement Resurfacing Program	<u>19,062</u>	<u>899,000</u>
Crack Seal Program		1,000
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN		<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>

NOTE: This plan is for proposed roads to be completed and may be revised if needs change.

**APPENDIX C-2
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2020-2021**

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Total Road Construction Program	<u>0</u>	<u>0</u>
 PAVEMENT RESURFACING PROGRAM (VENDOR)		
Cheney Lane	2,114	95,000
Clifford Street	1,202	54,000
Coles Avenue	1,144	51,000
Elliot Lane	746	34,000
Fennwood Circle	506	23,000
Holly Drive	1,080	49,000
James Street	522	22,000
Kimberley Road	3,260	147,000
Quincy Lane	961	40,000
Roseleah Avenue	1,279	46,000
Thomas Street	355	15,000
Wakeley Road	921	41,000
West Hartford Road	1,632	88,000
West Hill Road	1,487	76,000
Wilson Avenue	2,745	115,000
 Total Pavement Resurfacing Program	 <u>19,954</u>	 <u>896,000</u>
 Crack Seal Program		 4,000
 ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN		 <u>900,000</u>
 ESTIMATED FINANCING FROM LoCIP		 200,000
ESTIMATED FINANCING FROM TOWN AID FOR ROADS GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>300,000</u>
		<u>900,000</u>

NOTE: This plan is for proposed roads to be completed and may be revised if needs change.

**APPENDIX C-3
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2021-2022**

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Bismark Avene	255	18,000
Victoria Avenue	216	15,000
Total Road Construction Program	<u>471</u>	<u>33,000</u>
 PAVEMENT RESURFACING PROGRAM (VENDOR)		
Berkshire Drive	681	30,000
Brockett Street (Kitts to Turnpike)	512	23,000
Center Court	500	21,000
Connecticut Avenue (Brentwood to Hall)	562	27,000
Dartmouth Place	1,039	37,000
Dowd Street	2,684	120,000
Eleanor Place	1,027	37,000
Fairfield Avenue	722	26,000
Gail Circle	442	20,000
Howard Street (Beacon to Eddy)	827	32,000
Kitts Lane (Robbins to Turnpike)	1,459	65,000
Miles Avenue	553	20,000
Neil Drive	430	19,000
North Mountain Road	3,294	148,000
Olive Street	763	27,000
Pheasant Run (Willard to Frederick)	1,714	77,000
Ridgewood Road	712	32,000
Rosewood Drive	1,278	58,000
Stuart Street	1,327	48,000
Total Pavement Resurfacing Program	<u>20,525</u>	<u>867,000</u>
Crack Seal Program		0
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN		<u>900,000</u>
ESTIMATED FINANCING FROM LoCIP		200,000
ESTIMATED FINANCING FROM TOWN AID FOR ROADS GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>300,000</u>
		<u>900,000</u>

NOTE: This plan is for proposed roads to be completed and may be revised if needs change.

**APPENDIX C-4
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2022-2023**

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Total Road Construction Program	<u>0</u>	<u>0</u>
PAVEMENT RESURFACING PROGRAM (VENDOR)		
Apple Hill	1,716	77,000
Bayberry Road	1,036	47,000
Burdon Lane	656	30,000
Bushy Hill Drive	751	34,000
Camp Avenue	2,915	105,000
Cinnamon Road	951	43,000
Coolidge Avenue	1,213	44,000
Cortland Way	1,309	59,000
Flagler Street	1,690	76,000
Golf Street	1,523	55,000
Jeffrey Lane	2,159	97,000
Judge Lane	847	38,000
Nutmeg Lane	365	16,000
Sequin Street	1,163	42,000
Settlers Knoll	1,365	61,000
Walnut Street	1,071	39,000
Woods Way	747	34,000
Total Pavement Resurfacing Program	<u>21,477</u>	<u>897,000</u>
Crack Seal Program		3,000
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN		<u>900,000</u>
ESTIMATED FINANCING FROM LoCIP		200,000
ESTIMATED FINANCING FROM TOWN AID FOR ROADS GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>300,000</u>
		<u>900,000</u>

NOTE: This plan is for proposed roads to be completed and may be revised if needs change.

**APPENDIX C-5
CAPITAL IMPROVEMENT PLAN
COMPREHENSIVE ROAD PLAN --- FY 2023-2024**

ROAD CONSTRUCTION	<u>L.F.</u>	<u>ESTIMATED COST</u>
Total Road Construction Program	<u>0</u>	<u>0</u>
 PAVEMENT RESURFACING PROGRAM (VENDOR)		
Briarwood Road	775	35,000
Cedar Ridge Road	2,116	83,000
Cedarwood Lane	2,612	118,000
Harris Drive	2,404	108,000
Johnson Street	1,235	44,000
Laurence Lane	589	27,000
Magnolia Street	1,104	40,000
Meadow Street (Church to Field)	2,047	92,000
Nathan Hale Drive	792	36,000
Ridgeway Street	1,085	39,000
Starr Avenue	1,975	89,000
Walsh Avenue	3,848	189,000
Total Pavement Resurfacing Program	<u>20,582</u>	<u>900,000</u>
Crack Seal Program		0
ESTIMATED TOTAL COST OF COMPREHENSIVE ROAD PLAN		<u>900,000</u>
ESTIMATED FINANCING FROM LoCIP		200,000
ESTIMATED FINANCING FROM TOWN AID FOR ROADS GRANT		400,000
ESTIMATED FINANCING FROM GENERAL FUND		<u>300,000</u>
		<u>900,000</u>

NOTE: This plan is for proposed roads to be completed and may be revised if needs change.

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 2020-2021, FY 2021-2022, FY 2022-2023 and FY 2023-2024, 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 2018-2019	COUNCIL ADOPTED 2019-2020	PROPOSED CAPITAL IMPROVEMENT PLAN			
			2020-2021	2021-2022	2022-2023	2023-2024
Opening Reserve Balance	102,281	159,031	227,416	(15,230)	(283,574)	(481,252)
Appropriation From General Fund						
Lease Payment	267,400	267,400	426,374	400,549	317,949	317,949
Annual Depreciation Funding	520,000	520,000	530,000	530,000	550,000	550,000
Total Funds Available	889,681	946,431	1,183,790	915,319	584,375	386,697
Less Proposed Equipment Expenditures:						
Equipment Purchases	532,122	451,615	772,646	798,344	747,678	696,132
Lease Payments for Fire Rescue R1 (July 2015)	119,400	119,400	119,400			
Lease Payments for Fire Pumper E1 (Jan 2017)	148,000	148,000	148,000	82,600		
Lease Payments for Fire Aerial T2 (Jan 2021)			158,974	317,949	317,949	317,949
Total Proposed Equipment Expenditures	799,522	719,015	1,199,020	1,198,893	1,065,627	1,014,081
Ending Reserve Balance	90,159	227,416	(15,230)	(283,574)	(481,252)	(627,384)

GENERAL GOVERNMENT

Funding is available to purchase a replacement for Unit #806, a Ford E350 van.

APPENDIX D

GENERAL GOVERNMENT

USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	(1)	(2)	ANNUAL DEPRECIATION	(3)	ANTICIPATED LIFE CYCLE	(4)	RE-YEARS REMAINING	(5)	CURRENT REPL. COST	(6)	PROJECTED REPL. COST	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,						
																		2019	2020	2021	2022	2023		
HUM. SVC.	806	FORD	E350 VAN	2006	21,496			4,141	13		0			34,302		34,302		34,302	0	0	0	0	0	
BLDG.	752	HONDA	CIVIC HYBRID	2007	21,580			4,758	13		1			32,299		33,430		0	33,430	0	0	0	0	0
DIAL/RIDE	631	Ford	E450 F Econoline	2009	61,361			9,178	11		1			72,067		74,589		0	74,589	0	0	0	0	0
HUM. SVC.	753	HONDA	CIVIC HYBRID	2007	21,580			4,758	14		2			32,299		34,600		0	0	34,600	0	0	0	0
Pool	7171	DODGE	CHARGER	2007	23,662			4,702	14		2			35,835		38,387		0	0	38,387	0	0	0	0
Pool	704	FORD	Escape Hybrid	2009	28,784			5,525	13		3			36,621		40,603		0	0	0	40,603	0	0	0
Gen Govt	73701	FORD	Explorer	2013	32,045			5,888	9		3			38,060		42,198		0	0	0	42,198	0	0	0
DIAL/RIDE	634	FORD	E350	2014	63,895			9,427	9		4			75,887		87,082		0	0	0	0	0	87,082	0
DIAL/RIDE	635	Chevrolet	4500 Express	2016	62,680			9,292	9		6			67,145		82,538		0	0	0	0	0	0	0
HUM. SVC.	802	Chevrolet	Express Van G3500	2017	32,332			2,628	12		10			34,635		48,856		0	0	0	0	0	0	0
FACILITY	719	Chevrolet	Silverado 1500 w/cap	2005	8,800																			
DIAL/RIDE	630	Ford	E450 F Econoline	2008	61,361																			
Senior Ctr	6185	CHEVROLET	IMPALA	2008	19,919																			
BLDG.	72702	FORD	EXPLORER	2008	22,789																			
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																			
Assessor	7189	FORD	TAURUS SL	2008	18,696																			
HEALTH	7120	FORD	500	2005	24,433																			
BLDG.	7121	FORD	500	2005	24,433																			
BLDG.	7122	FORD	500	2005	24,433																			
				TOTAL	693,153			60,296										0	34,302	108,019	72,987	82,801	87,082	

- (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 an accounting of the fleet.

POLICE

Funding is available to purchase a replacement for Unit #126, a Ford Taurus SEL AWD and for Unit #116, a Ford Taurus SEL AWD.

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

ANTIC- EST.LIFE

USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	ANNUAL DEPRECIATION	IPATED CYCLE	YEARS RE-MAINING	CURRENT REPL. COST	PROJECTED REPL. COST	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,					
												2019	2020	2021	2022	2023	
POLICE	126	FORD	TAURUS SEL AWD	2011	27,167	4,079	8	0	34,564	34,564		34,564	0	0	0	0	
POLICE	116	FORD	TAURUS SEL AWD	2011	23,644	3,576	8	0	31,137	31,137		31,137	0	0	0	0	
POLICE	147	FORD	EXPLORER	2014	32,134	4,789	6	1	38,766	40,123		0	40,123	0	0	0	
POLICE	140	CHEVROLET	CAPRICE	2014	28,179	4,224	6	1	33,469	34,640		0	34,640	0	0	0	
CANINE	172	FORD	F250	2007	27,000	3,666	14	2	38,867	41,636		0	0	41,636	0	0	
POLICE	138	FORD	FUSION	2014	21,445	3,262	7	2	25,470	27,284		0	0	27,284	0	0	
ADMIN	148	FORD	TAURUS	2014	25,682	3,867	8	3	30,502	33,819		0	0	0	33,819	0	
POLICE	137	KUSTOM SIGNAL	TRAFFIC TRAILER	2004	13,635	1,187	18	3	25,635	28,422		0	0	0	28,422	0	
POLICE	156	FORD	EXPLORER	2015	29,911	4,471	8	4	34,324	39,387		0	0	0	0	39,387	
ADMIN	157	FORD	EXPLORER	2015	29,911	4,471	8	4	34,324	39,387		0	0	0	0	39,387	
ADMIN	166	FORD	EXPLORER	2016	29,763	4,450	8	5	31,883	37,867		0	0	0	0	0	
ADMIN	167	FORD	EXPLORER	2016	29,763	4,450	8	5	31,883	37,867		0	0	0	0	0	
ERT	178	CHEVROLET	SILVERADO K3500	2017	35,664	5,293	8	6	38,204	46,962		0	0	0	0	0	
ERT	199	Brovo	ERT Trailer	2018	56,334	3,799	16	15	56,334	94,379		0	0	0	0	0	
POLICE	117	FORD	EXPLORER	2011	31,687												
POLICE	127	CHEVROLET	EQUINOX	2011	28,913												
POLICE	107	FORD	TAURUS SEL	2010	25,309												
ADMIN	196	FORD	TAURUS SEL AWD	2009	26,330												
DETECTIVE	197	FORD	TAURUS SEL	2009	21,720												
DETECTIVE	188	FORD	EXPEDITION	2008	24,858												
ADMIN	186	FORD	TAURUS	2008	25,174												
				TOTAL	594,221	55,584						0	65,701	74,763	68,920	62,241	78,774

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	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	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											
PATROL	160	CHEVY	TAHOE	2016	40,163											
PATROL	161	FORD	INTERCEPTOR UTILITY	2016	26,944											
PATROL	165	FORD	INTERCEPTOR UTILITY	2016	26,944											
PATROL	170	FORD	INTERCEPTOR UTILITY	2017	28,433											
PATROL	173	FORD	INTERCEPTOR UTILITY	2017	28,433											
PATROL	174	FORD	INTERCEPTOR UTILITY	2017	28,433			42								
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. Funding is also available to add a trailer for ATV to Unit #215, a Dodge Ram 3500.

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				ANTIC- EST.LIFE								VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,					
USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	ANNUAL DEPRECIATION	LIFE CYCLE	YRS RE-MAINING	CURRENT REPL. COST	PROJECTED REPL. COST	Lease & Other Payments	2019	2020	2021	2022	2023	
FIRE	223	PIERCE	RESCUE R1	2017	704,900		25	23	700,000	700,000	119,400	0	119,400	0	0	0	
FIRE	208	PIERCE	PUMPER E1	1995	259,896		21	0	700,000	700,000	148,000	0	148,000	82,600	0	0	
FIRE	215	DODGE	RAM 3500 (only adding trailer for ATV)	1994	28,506		25	0	8,000	8,000		8,000	0	0	0	0	
FIRE	212	PIERCE	AERIAL T2	1997	540,000		23	1	1,379,672	1,427,960		0	158,974	317,949	317,949	317,949	
FIRE	201	FORD	EXPLORER	2014	32,134	2,448	7	2	38,166	50,000		0	0	50,000	0	0	
FIRE	242	PIERCE	DASH PUMPER E2	2003	383,568		23	7	648,862	825,534		0	0	0	0	0	
FIRE	202	Chevrolet	Tahoe	2016	45,980	2,623	8	5	49,255	58,499		0	0	0	0	0	
FIRE	222	FORD	F350 P/U	2010	40,524	1,235	15	6	51,559	83,379		0	0	0	0	0	
FIRE	252	KENWORTH	RESC TAC 2	2006	262,800		23	10	391,226	551,863		0	0	0	0	0	
FIRE	214	WINNEBAGO	WFG37S CMD CTR	2001	150,000	3,750	26	8	210,568	277,277		0	0	0	0	0	
FIRE	213	PIERCE	PUMPER E3	2008	496,450		22	11	683,163	1,017,397		0	0	0	0	0	
FIRE	224	PIERCE	PUMPER E4	2013	621,288		20	14	712,942	1,174,036		0	0	0	0	0	
FIRE	2105	FORD	EXPEDITION	2010	28,219												
FIRE	233	FORD	EXPLORER	2007	22,234												
FIRE	204	SUTPHEN	PUMPER E4 (OLD)	1991	222,083												
FIRE	206	MACK	PUMPER E7	1965	60,000												
FIRE	221	PIERCE	AERIAL T1	2006	973,495												
FIRE	NAFA	BUFFALO	PUMPER	1929	10,000												
FIRE	NAFA	BUFFALO	PUMPER	1929	10,000												
				TOTAL	4,892,077	10,055						267,400	8,000	426,374	450,549	317,949	317,949

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 a replacement for Unit #317, a Sterling Dump Truck and Unit #306, a Ford F350 Pickup.

APPENDIX D

HIGHWAY

USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	ANNUAL DEPRECIATION	ANTIC-EST.LIFE		CURRENT REPL. COST	PROJECTED REPL. COST	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,					
							LIFE CYCLE	YEARS RE-MAINING				2019	2020	2021	2022	2023	
TRAFFIC	317	STERLING	DUMP TRUCK	2003	93,000	6,782	16	0	210,000	210,000		210,000	0	0	0	0	
HWY	306	FORD	F350 P/U w/plow & sander	2010	32,706	4,378	9	0	41,612	41,612		41,612	0	0	0	0	
HWY	356	ODB	LCT600 Leaf Collector	2005	15,993	2,475	15	1	32,085	33,208		0	33,208	0	0	0	
HWY	333	ATHEY	SWEEPER	2000	81,000	8,957	20	1	225,000	232,875		0	232,875	0	0	0	
HWY	323	STERLING	DUMP TRUCK	2004	94,328	6,865	16	1	208,000	215,280		0	215,280	0	0	0	
HWY	318	STERLING	DUMP TRUCK	2006	100,932	7,278	15	2	208,000	222,815		0	0	222,815	0	0	
HWY	359	CATERPILLAR	LOADER 935	2000	97,000	5,430	21	2	253,635	271,700		0	0	271,700	0	0	
HWY	321/347	INTERNATIONAL	DUMP TRUCK (CB) w/VACALL LV16-	1999	207,000	15,057	23	3	237,538	263,362		0	0	0	263,362	0	
HWY	334	ATHEY	SWEEPER	2000	81,000	8,957	22	3	217,459	241,100		0	0	0	241,100	0	
HWY	348	CATERPILLAR	BACKHOE	2006	103,962	7,967	17	4	146,647	168,281		0	0	0	0	168,281	
HWY	307	FORD	F450	2007	38,614	3,539	16	4	54,468	62,503		0	0	0	0	62,503	
HWY	328	DYNAPAK	ROLLER	2003	55,480	3,542	20	4	130,763	150,053		0	0	0	0	150,053	
HWY	309	CHEVROLET	SILVERADO 3500	2013	44,618	5,419	11	5	51,200	60,810		0	0	0	0	0	
HWY	325	STERLING	L7500	2008	114,159	8,604	16	5	155,586	184,788		0	0	0	0	0	
HWY	340	CATERPILLAR	DOZER	2001	29,500	2,309	23	5	33,853	40,206		0	0	0	0	0	
HWY	336	INTERSTATE	TRAILER	2006	18,002	2,129	18	5	25,395	30,161		0	0	0	0	0	
HWY	3701	FORD	Explorer	2016	33,580	5,840	9	6	35,971	44,218		0	0	0	0	0	
TRAFFIC	326	STERLING	L7500	2008	114,159	8,104	17	6	155,586	191,255		0	0	0	0	0	
HWY	312	FREIGHTLINER	DUMP TRUCK w/plow	2010	145,090	11,130	15	6	217,273	267,084		0	0	0	0	0	
HWY	316	CHEVROLET	Silverado 3500 w/plow	2015	44,040	5,361	10	6	48,827	60,021		0	0	0	0	0	
HWY	302	CHEVROLET	Silverado 3500	2015	38,617	4,819	10	6	42,816	52,632		0	0	0	0	0	
HWY	352	ODB	LCT600 Leaf Collector	2011	21,657	2,401	15	7	27,554	35,056		0	0	0	0	0	
HWY	354	ODB	LCT600 Leaf Collector	2011	21,657	2,401	15	7	27,554	35,056		0	0	0	0	0	
HWY	355	ODB	LCT600 Leaf Collector	2011	21,657	2,401	15	7	27,554	35,056		0	0	0	0	0	
HWY	320	FREIGHTLINER	Dump Truck w/plow	2012	165,254	12,417	15	8	196,270	258,450		0	0	0	0	0	
HWY	353	ODB	LCT600 Leaf Collector	2012	22,653	2,467	15	8	26,904	35,427		0	0	0	0	0	
HWY	332	DOOSAN	Air Compressor P185WJDT41	2012	20,585	2,329	15	8	24,449	32,194		0	0	0	0	0	
HWY	362	LEEBOY	L1000T Paver	2008	58,880	3,951	20	9	80,248	109,369		0	0	0	0	0	
HWY	364	Falcon RME	P4D2RID Asphalt Recycler	2014	28,058	2,961	14	9	33,324	45,417		0	0	0	0	0	
HWY	341	FREIGHTLINER	DUMP TRUCK w/plow	2014	178,579	13,362	15	10	204,923	289,064		0	0	0	0	0	
HWY	342	FREIGHTLINER	DUMP TRUCK w/plow	2014	178,579	13,362	15	10	204,923	289,064		0	0	0	0	0	
HWY	343	FREIGHTLINER	DUMP TRUCK w/plow	2015	178,579	13,362	15	11	204,923	299,181		0	0	0	0	0	
HWY	344	FREIGHTLINER	DUMP TRUCK w/plow	2017	181,452	13,554	15	13	194,376	303,996		0	0	0	0	0	
HWY	345	CAT	WHEEL LOADER	2014	249,841	14,012	20	15	296,732	497,130		0	0	0	0	0	
HWY	365	SnoGo	MK-800 loader mount snowblower	2014	74,237	4,819	20	15	88,171	147,717		0	0	0	0	0	
HWY	329	FREIGHTLINER	TRI-AXLE	2016	157,102	6,471	29	26	168,292	411,635		0	0	0	0	0	
HWY	304	FORD	F-250	2018	30,924	2,528	15	14	30,924	50,057		0	0	0	0	0	
HWY	350	BOBCAT	SKID/LOADER	2018	71,622	4,041	20	19	71,622	137,693		0	0	0	0	0	
HWY	344	FREIGHTLINER	Dump Truck w/plow	2018	181,404	12,394	15	14	181,404	293,638		0	0	0	0	0	
HWY	335	FORD	F350 Dump	2008	39,075												
HWY	358	CATERPILLAR	LOADER 938	1999	96,500												
HWY	313	STERLING	DUMP TRUCK	2001	89,386												
HWY	330	BRAGA	9-TON TRAILER	2000	15,000												
HWY	305	CHEVROLET	Pickup Truck (Svc Veh)	2000	18,574												
HWY	324	STERLING	DUMP TRUCK	2000	92,300												
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	3155	FORD	CROWN VICTORIA	2005	21,564												
HWY	3801	FORD	E150 VAN	1999	2,000												
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	331	FORD	JET TRUCK LN8000	1994	4,021												
HWY	315	INTERNATIONAL	DUMP TRUCK	1993	84,000												
HWY	366	INTERNATIONAL	Garbage Truck	1985	3,500												
				TOTAL		4,276,730	264,176					0	251,612	481,363	494,515	504,462	380,837

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

PARKS DEPARTMENT

Funding is available to purchase a replacement for Unit #419, a Ford F-350 with sander and Unit #413, a Chevrolet 3500 Cargo Van.

APPENDIX D

USER	VEH. ID.	MAKE	MODEL	VEH. YEAR	PURCHASE PRICE	ANNUAL DEPRECIATION	ANTIC- EST.LIFE		CURRENT REPL. COST	PROJECTED REPL. COST	Lease & Other Payments	VEHICLES TO BE REPLACED DURING THE FISCAL YEAR BEGINNING JULY 1,					
							IPATED LIFE CYCLE	YEARS RE-MAINING				2019	2020	2021	2022	2023	
PARKS	419	FORD	F-350 w/sander	2008	39,075	7,708	11	0	41,728	54,000		54,000	0	0	0	0	
PARKS	413	CHEVROLET	3500 Cargo Van	2006	9,000	4,700	13	0	28,490	38,000		38,000	0	0	0	0	
PARKS			Deep Tine Aerator	2002	20,110	5,157	18	1	28,938	29,950		0	29,950	0	0	0	
PARKS	417	JOHN DEERE	BACKHOE	2004	89,385	9,676	16	1	75,894	78,551		0	78,551	0	0	0	
PARKS	4703	Chevy	Cargo Van 3500	2003	9,999	4,617	18	2	13,432	14,389		0	0	14,389	0	0	
PARKS	418	JACOBSEN	HR-9016	2005	63,276	7,935	16	2	91,048	97,533		0	0	97,533	0	0	
PARKS	430	BANDIT	CHIPPER	2006	29,878	5,709	16	3	35,485	65,000		0	0	0	65,000	0	
PARKS	406	CHEVROLET	Colorado pickup w/plow	2011	25,191	6,169	11	3	29,921	33,174		0	0	0	33,174	0	
PARKS	408	CHEVROLET	Silverado 3500	2011	44,611	8,111	12	4	52,984	60,800		0	0	0	0	60,800	
PARKS	411	CHEVROLET	Silverado w/plow/sander	2012	35,758	7,226	11	4	39,646	45,494		0	0	0	0	45,494	
PARKS	415	CHEVROLET	Silverado w/liftgate/plow	2012	33,912	7,041	11	4	37,598	43,145		0	0	0	0	43,145	
PARKS		SMITHCO	SWEEPER	2002	22,000	5,283	22	5	31,655	37,597		0	0	0	0	0	
PARKS	450	BOBCAT	SKID/LOADER	2008	44,528	6,685	16	5	54,737	65,010		0	0	0	0	0	
PARKS	431	NEW HOLLAND	Boomer Tractor 3045	2010	38,085	6,256	15	6	35,485	43,620		0	0	0	0	0	
PARKS	423	TORO	Groundmaster 7210	2012	45,212	6,731	15	8	50,127	66,008		0	0	0	0	0	
PARKS	433	TORO	Groundmaster 4000	2014	63,639	10,014	11	6	70,665	86,865		0	0	0	0	0	
PARKS	401	CHEVROLET	Silverado 3500	2015	38,617	7,512	10	6	41,368	50,852		0	0	0	0	0	
PARKS	446	TORO	WORKMAN	2017	30,188	5,202	15	13	30,188	47,213		0	0	0	0	0	
PARKS	414	CHEVROLET	Silverado 3500 4WD	2017	53,338	8,158	10	8	53,338	70,236		0	0	0	0	0	
PARKS	416	CHEVROLET	VAN	2002	23,645												
PARKS	428	Ford	F550/L36A Aerial Bucket	2003	42,000												
PARKS	409	JACOBSEN	Riding Mower	1999	56,739												
PARKS	420	HOLLAND	FARM TRACTOR	2001	27,895												
PARKS	404	FORD	F-350	2006	35,741												
PARKS	403	FORD	F-250	2006	23,766												
PARKS	43231	FORD	EXPLORER	2003	26,000												
PARKS	405	GMC	Cargo Van 3500	2002	9,000												
PARKS	445	TORO	WORKMAN	2001	18,000												
PARKS	402	CHEVROLET	DUMP TRUCK w/sander	2003	34,425												
PARKS	4302	FORD F-250	PICKUP TRUCK	2001	26,107												
PARKS	4350	CAT	WHEEL LOADER	1994	90,000												
PARKS	432	CHEVROLET	Suburban K1500	1999	2,000												
PARKS	473	FORD	TRACTOR	1993	31,170												
				TOTAL	1,182,289	129,889						0	92,000	108,501	111,922	98,174	149,439
				GRAND TOTAL	520,000							267,400	451,615	1,199,020	1,198,893	1,065,627	1,014,081
				COUNT	153												

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