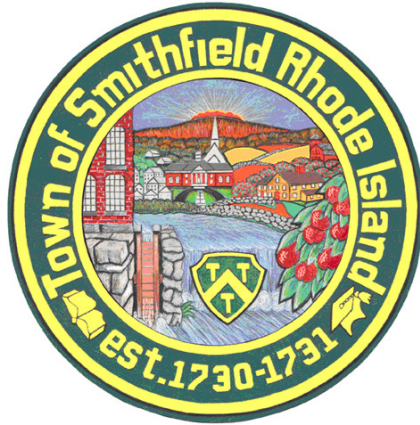


TOWN OF SMITHFIELD

CAPITAL IMPROVEMENTS PROGRAM



**Fiscal Years
2017 – 2022**

Proposed for Public Hearing and Approval
December 1, 2015

Town of Smithfield

*PROPOSED
CAPITAL IMPROVEMENT PROGRAM
PLAN*

2017-2022

Submitted To:

Smithfield Town Council

Bernard A. Hawkins
President

Suzanna L. Alba
Vice President

Gregory J. Tocco
Maxine Cavanagh
Alberto J. LaGreca, Jr.
Council Persons

Submitted By:

Dennis G. Finlay
Town Manager

Town of Smithfield
Capital Improvement Program Plan
Fiscal Years: 2017 – 2022

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MEMORADUM

TO: Honorable Members, Smithfield Town Council

FROM: Dennis G. Finlay, Town Manager
Randy R. Rossi, Finance Director

DATE: November 10, 2015

RE: Capital Improvements Program (CIP)

This memorandum transmits the proposed FY 2017-2022 Capital Improvements Program for the Town of Smithfield. Our objective is to produce a document that plans for the physical needs of the Town, consistent with its Comprehensive Plan, but also recognizes its fiscal constraints, thereby serving as an important budgeting tool for the future.

By activity, the proposed CIP includes expenditures totaling \$107,332,046 over the six-year period, as follows:

Police Department:	1,325,000	Greenville Public Library:	10,388,471
Fire Department	4,393,000	Town Hall and Other Departments:	3,630,000
Public Works:	12,856,000	Engineering:	6,162,000
Parks & Recreation:	3,010,000	Ice Rink:	1,950,000
Senior Center:	142,000	Sewer Authority:	3,737,000
Conservation Commission	10,000	Water Supply Board:	4,790,000
School Department:	54,938,575		

The Town staff and I look forward to working with the Town Council and our citizens in helping to refine and improve upon this document now, and over the years.

Finally, special recognition is acknowledged to all department managers who cooperated with this effort in developing a comprehensive Capital Improvement Program for Town Council consideration stipulated under the Charter.

TOWN OF SMITHFIELD
CAPITAL IMPROVEMENTS PROGRAM
2017-2022

INTRODUCTION

Section 5.13 of the Town Charter calls for the Town Manager to submit a proposed six-year Capital Improvements Program (CIP) to the Town Council. Once the first CIP was adopted in 1995, a proposed revised CIP is submitted bi-annually in odd-numbered years. A CIP serves two purposes: it establishes a town's policies and goals for the future and serves as a means to communicate and coordinate financial needs, estimates and budgets. Implemented correctly, the CIP enables the town to evaluate projects based on the goals and objectives as established in its Comprehensive Plan. A realistic CIP can serve many roles:

1. Achieve better use of taxpayers' dollars by ensuring coordinated, planned capital improvement programming.
2. Better involve the public in balancing capital needs with available resources.
3. Encourage a more effective allocation of resources to reflect the priorities of the elected representatives of the citizens.
4. Improve intergovernmental and regional cooperation.
5. Maintain a sound and stable financial program.

Capital Improvements Projects Defined

In Smithfield, by ordinance, capital improvements mean improvements in excess of ten thousand dollars must be on a bid basis utilizing a Request for Proposals (RFP) format which increases or improves the service capacity of a public facility through a competitive bidding process, utilization of the state bid list or other purchasing cooperatives. The Capital Reserve Fund shall be used for funding capital improvement expenditures with a useful life of ten years or more which increases or improves the service capacity of a public facility. This policy does not preclude the funding of any additional capital assets from the general fund or other sources.

A public facility means:

1. Water supply production, treatment, storage and distribution facilities.
2. Wastewater and solid waste collection, treatment and disposal facilities.
3. Roads, streets, and bridges including rights of way, traffic signals, landscaping and local components of state and federal highways.
4. Storm water collection, retention, detention, treatment and disposal facilities, flood control facilities, bank and shore projections and enhancement facilities.
5. Parks, open space areas and recreational facilities.

6. Police, emergency medical, rescue and fire protection facilities.
7. Public schools and libraries
8. Other public facilities consistent with the Smithfield Capital Improvement Program Plan or Comprehensive Community Plan including but not limited to historic preservation restoration projects.

Capital Improvement Program Process

In August of 2015, departments began to identify their capital needs for the ensuing six years. Each department developed its own six year CIP Plan and prioritized the potential projects. Following this step one member from the Asset Management Commission, the Town Planner, the Town Manager and the Director of Finance reviewed each proposal. A prioritization of all proposed projects within the Town's financial capacity was created. The document was then consolidated and requests were compared to financial projections prepared by the Finance Director. School Department requests were not modified. The proposed CIP is then submitted to the Planning Board for approval and later forwarded to the Town Council, who will schedule a public hearing. After the hearing, the Council will adopt the CIP with or without amendments. **The CIP, unlike the Town Budget, does not authorize any spending or appropriate any funds.** As a planning document, Town Councils are free to depart from the CIP at any time. Generally each year's proposed budget submitted by the Town Manager may incorporate the ensuing fiscal year's adopted CIP projects.

Overview

A project description page fully explains each CIP project. All projects proposed by a particular department have been grouped together. Descriptions and justifications were derived from Project Request Forms submitted by each department at the beginning of the CIP process. The Project Description pages also suggest funding sources and apportionment for each project over the six-year Capital Program.

Project funding sources are separated into several groups, General Fund, Ice Rink Reserve Fund, Grants, Fund Raising and Matching Funds, General Obligation Bonds, Rhode Island Infrastructure Bank, Impact Fees, Police Equipment Escrow Fund, Rescue Billing Fund, Water Reserve Fund and Sewer Reserve Fund. Within each group, projects are organized by year from 2017-2022. Projects programmed over more than one year will appear according to the first year funds will be disbursed and each succeeding year of planned expenditures.

FINANCIAL ANALYSIS

Financial analysis is a fundamental component of the Capital Improvement Program process. This section summarizes allocations by functions and revenues by source. It also contains projections of revenues, operating expenses and obligated debt service to determine funds available for future capital projects.

Methodology

Historic trends in General Fund revenues and expenditures were analyzed for each year from 2012-2016. Financial projections contained in the Capital Improvements Program are based on these trends, modified to reflect changing economic conditions expected during the

remainder of the CIP period. Real and personal property assessed valuations are expected to increase 1% and 2% respectively, for Fiscal Year 2017 thru 2022, on an annual basis.

General Fund operating expenditures are projected to increase by 4% annually for Fiscal Years 2017 thru 2022. Debt service assumes current debt service.

Financing for the proposed CIP over the next six years would be predominately derived from the Town's General Fund. Other special restricted Town funds will, however, play an important role in funding new capital projects, thus reducing the reliance on the General Fund, which primarily is responsible for financing ongoing operating expenditures each year. The following identifies the major special funds that are available to finance future capital projects in Smithfield:

Police Equipment Escrow Fund

This special fund was created in 1995 to incorporate all unexpended Police appropriations. These funds will be used to purchase the Department's police cruisers and other equipment needs. This fund also incorporates the Town's share of fees from the Administrative Adjudication Court.

Fire/Rescue Billing Fund

In 1995, the Council created a special fund to receive third-party billing payments from insured persons that are transported by fire department emergency rescue apparatus. The creation of this additional funding source means that the General Fund will be less relied upon for the purchase of equipment and apparatus necessary to maintain the Town's emergency medical services.

Ice Rink Reserve Fund

This represents fund equity (working capital) from the Ice Rink Enterprise Fund. These funds are used exclusively for improvements to the Smithfield Ice Rink.

Water Reserve Fund

This represents fund equity (working capital) from the Water Enterprise Fund. These funds are used exclusively for improvements to the Smithfield Water Supply System.

Sewer Reserve Fund

This represents fund equity (working capital) from the Sewer Enterprise Fund. These funds are used exclusively for improvements to the Smithfield Wastewater Treatment System.

Town of Smithfield
Historical and Projected General Fund Revenues
Fiscal Years 2012-2016

Fiscal Year	Property Taxes ³	License, Fees and Permits	Departmental Revenue	Inter-Governmental	Transfer from Fund Balance	Miscellaneous ⁴	Revenue for Capital Exp.	Total	% Change for Prior Year
2012 ¹	49,455,555	844,967	430,492	6,827,702	3,342,361	370,378	3,894,995	65,166,450	3.18%
2013 ¹	50,708,832	976,471	389,041	6,782,010	4,362,941	399,207	2,316,414	65,934,916	1.18%
2014 ¹	52,750,543	970,645	276,036	6,922,219	4,651,748	452,989	1,581,660	67,605,840	7.04%
2015 ¹	53,957,255	751,763	541,630	7,349,006	4,761,592	422,158	1,515,278	69,298,682	6.34%
2016 ²	55,256,434	660,000	440,000	7,226,273	600,000	592,000	2,253,300	67,028,007	1.66%

Note: 1. 2012 - 2015 figures are audited amounts

2. 2016 figures are projected amounts

3. Amounts consist of Property Taxes, Motor Vehicle Phase-out

4. Amounts consist of Interest Income, Interest on Taxes and other Miscellaneous Revenues.

Town of Smithfield
Historical and Projected
General Fund Expenditures and Debt Service
Fiscal Years 2012-2016

Fiscal Year	General Fund Expenditures			Total	% Change from Prior Year
	Expenditures	Capital Outlay	Debt Service		
2012 ¹	57,124,549	958,043	2,434,190	60,516,782	1.64%
2013 ¹	57,898,141	763,057	2,597,931	61,259,129	1.23%
2014 ¹	59,476,119	1,422,129	1,926,766	62,825,014	2.56%
2015 ¹	61,596,503	978,834	1,889,350	64,464,687	2.61%
2016 ²	63,578,455	1,595,681	1,853,871	67,028,007	3.98%

Note: 1. 2012-2015 figures are audited amounts.
2. 2016 figures are projected amounts.

Town of Smithfield
Projected General Fund Property Tax Revenues
Fiscal Years 2017-2022

Fiscal Year		Assessed Value 1	Tax Rate	General Fund Operating Tax Revenues	TOTAL Taxes Collected
2017 REVAL	Real Estate	1,895,711,329	17.34	32,871,634	57,300,498
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			270,000	
	Motor Vehicles	163,854,337	39.00	6,390,319	
	Personal Property	144,808,317	60.43	8,750,545	
2018	Real Estate	1,920,924,290	18.04	34,653,474	59,590,530
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			270,000	
	Motor Vehicles	165,492,880	39.00	6,454,222	
	Personal Property	146,256,400	62.87	9,194,834	
2019	Real Estate	1,940,901,902	18.80	36,488,956	61,973,743
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			270,000	
	Motor Vehicles	167,147,809	39.00	6,518,765	
	Personal Property	147,718,964	65.52	9,678,022	
2020 REVAL	Real Estate	2,096,756,325	18.42	38,622,252	64,450,726
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			270,000	
	Motor Vehicles	168,819,287	39.00	6,583,952	
	Personal Property	155,104,912	64.19	9,956,522	
2021	Real Estate	2,120,239,996	19.15	40,602,596	67,031,498
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			270,000	
	Motor Vehicles	170,507,480	39.00	6,649,792	
	Personal Property	157,202,753	66.74	10,491,110	
2022	Real Estate	2,141,442,396	19.93	42,678,947	69,710,845
	Frozen Tax Levy	527,746,225		9,018,000	
	Motor Veh Phase-out			270,000	
	Motor Vehicles	172,212,555	39.00	6,716,290	
	Personal Property	158,774,780	69.45	11,027,608	

- Note: 1. (A) Assumes an approximate 1% growth rate for personal property, motor vehicles and real estate for fiscal years 2018, 2019, 2021, and 2022 and 8% on real estate for 2017 & 2020.
(B) Assumes all exemptions will remain constant.
(C) Tax rate for CIP purposes only - Assumes annual state mandated cap increase.
(D) Assumes statistical revaluations in FY 2017 & 2020 will be completed.

Town of Smithfield
Projected General Fund Revenue Requirements By Category
Fiscal Years 2017-2022

Fiscal Year	Property Taxes	Licenses, Fees and Permits	Departmental Revenue	Inter-Governmental	Miscellaneous ¹	Revenue for Capital Exp.	Total Revenue	Additional Required Potential Revenues	Total Required Revenues
2017	\$ 57,300,498	\$ 660,000	\$ 40,000	\$ 7,020,000	\$ 3,400,000	\$ 2,600,000	\$ 71,020,498	\$ 4,189,292	\$ 75,209,790
2018	59,590,530	660,000	40,000	7,020,000	3,400,000	2,600,000	73,310,530	3,911,984	77,222,514
2019	61,973,743	660,000	40,000	7,020,000	3,400,000	2,600,000	75,693,743	5,402,105	81,095,848
2020	64,450,726	660,000	40,000	7,020,000	3,400,000	2,600,000	78,170,726	4,830,742	83,001,468
2021	67,031,498	660,000	40,000	7,020,000	3,400,000	2,600,000	80,751,498	2,717,823	83,469,321
2022	69,710,845	660,000	40,000	7,020,000	3,400,000	2,600,000	83,430,845	1,425,238	84,856,083
								\$ 22,477,184	

Note: 1. Amounts consist of Interest Income, Interest on Taxes and other Miscellaneous Revenues.

Town of Smithfield
**Projected General Fund Operating Expenditures
and Debt Service ¹**
Fiscal Years 2017-2022

Fiscal Year	Expenditures	Debt Service	Total
2017	\$ 67,781,101	\$ 1,866,042	\$ 69,647,143
2018	70,492,345	1,845,428	72,337,773
2019	73,312,039	1,819,309	75,131,348
2020	75,951,273	1,791,724	77,742,997
2021	78,913,372	1,765,914	80,679,286
2022	81,596,427	1,739,548	83,335,975

Note: 1. All future expenditures assume an approximate 4.00% increase for FY 17 thru FY 22

Town of Smithfield
General Fund Projection of Capital Financing Potential
Fiscal Years 2017-2022

General Fund	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Sources of Funding:						
Beginning Balance ¹	\$ 3,900,240	\$ 4,484,942	\$ 5,108,932	\$ 5,752,982	\$ 6,454,343	\$ 6,666,878
Projected General Fund Revenue	71,020,498	73,310,530	75,693,743	78,170,726	80,751,498	83,430,845
Bond Issue: Grn Libr., Fire Dept. Police Dept., DPW, Parks, School	7,512,000	14,269,000	19,525,820	28,446,571	1,846,500	752,400
State Revolving Funds: Rhode Island Infrastructure Bank	-	-	-	1,550,000	-	-
Add'l Required Potential Revenue-Grants, Escrow, ETC.	4,189,292	3,911,984	5,402,105	4,830,742	2,717,823	1,425,238
Total Sources of Funding	86,622,030	95,976,456	105,730,600	118,751,021	91,770,164	92,275,361
Operational Expenditures and Debt Service:						
Projected Expenditures	67,781,101	70,492,345	73,312,039	75,951,273	78,913,372	81,596,427
Projected Debt Service on Existing Issues	1,866,042	1,845,428	1,819,309	1,791,724	1,765,914	1,739,548
Total Operating Expenditures and Debt Service	69,647,143	72,337,773	75,131,348	77,742,997	80,679,286	83,335,975
Amount Available for Capital Outlay	16,974,887	23,638,682	30,599,252	41,008,024	11,090,878	8,939,386
Projected General Fund Projects	12,489,945	18,529,750	24,846,270	34,553,681	4,424,000	2,011,400
Ending Balance	\$ 4,484,942	\$ 5,108,932	\$ 5,752,982	\$ 6,454,343	\$ 6,666,878	\$ 6,927,986

Note: 1: Beginning balance represents estimated Undesignated Fund Balance.

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Vehicle Replacement

PROJECT NO. 17-PD-01

DEPARTMENT: Police

PROJECT LOCATION: 215 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Replacement of 2-3 aging police vehicles per year.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	130,000	130,000	130,000	130,000	130,000	130,000	780,000
Contingency							-
Totals:	130,000	130,000	130,000	130,000	130,000	130,000	780,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue	130,000	130,000	130,000	130,000	130,000	130,000	780,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	130,000	130,000	130,000	130,000	130,000	130,000	780,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Replacement of Furnishings **PROJECT NO.** 17-PD-02

DEPARTMENT: Police

PROJECT LOCATION: 215 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Replacement of tables, file cabinets, etc.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	-	-	10,000	10,000	10,000		30,000
Contingency							-
Totals:	-	-	10,000	10,000	10,000	-	30,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue			10,000	10,000	10,000		30,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	10,000	10,000	10,000	-	30,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Police Vehicle Car Port **PROJECT NO.** 17-PD-03

DEPARTMENT: Police

PROJECT LOCATION: 215 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Car port for police vehicles at the rear of headquarters

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		35,000					35,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	35,000	-	-	-	-	35,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue		35,000					35,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	35,000	-	-	-	-	35,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Traffic Messaging Signs **PROJECT NO.** 17-PD-04

DEPARTMENT: Police

PROJECT LOCATION: 215 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Purchase 3 Traffic Messaging Signs

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	10,000	10,000	10,000				30,000
Contingency							-
Totals:	10,000	10,000	10,000	-	-	-	30,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue	10,000	10,000	10,000				30,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	10,000	10,000	-	-	-	30,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Firearms Training Facility Construction **PROJECT NO.** 17-PD-05

DEPARTMENT: Police

PROJECT LOCATION: Spragueville Road

DESCRIPTION AND JUSTIFICATION

Excavation & Construction of the Department's Firearms Training Facility

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	75,000	75,000	75,000				225,000
Equipment/Furnishings							-
Contingency							-
Totals:	75,000	75,000	75,000	-	-	-	225,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue	75,000	75,000	75,000				225,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	75,000	75,000	75,000	-	-	-	225,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Telecommunications, Communications & Technology Upgrades **PROJECT NO.** 17-PD-06

DEPARTMENT: Police

PROJECT LOCATION: 215 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Upgrade the department's telecommunications, communications systems, and replace old technology.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	75,000	75,000	75,000				225,000
Contingency							-
Totals:	75,000	75,000	75,000	-	-	-	225,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue	75,000	75,000	75,000				225,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	75,000	75,000	75,000	-	-	-	225,000

2017-2022 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

PROJECT TITLE: Maintenance Pickup Truck with Plow **PROJECT NO.** 17-FD-01

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

The Maintenance Division of the Smithfield Fire Department utilizes a Ford F250 pickup truck for maintenance projects, picking up supplies, moving hose after a fire, and a number of other miscellaneous projects. The truck also has a plow which is used to plow the station lots during snow storms. The plow is also used to go in front of our rescue vehicles during heavy snowfalls in order to clear roads and driveways. We also use the plow during hurricane storms to remove debris from the road.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	50,000						50,000
Contingency							-
Totals:	50,000	-	-	-	-	-	50,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing	50,000						50,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	50,000	-	-	-	-	-	50,000

2017-2022 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

PROJECT TITLE: Vehicular Radio Repeaters **PROJECT NO.** 17-FD-02

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

The VHF Radio System used by the fire department has some loss in radio coverage in very large commercial buildings that are made of concrete and steel. It is a problem that is difficult to overcome without some way to enhance the radio power at the site of the commercial building. The use of a vehicular repeater takes the dispatcher's message and rebroadcasts it at the site of an incident, inside of a commercial building. The firefighters in the building then talk out to the repeater and the repeater unit sends the message back to the dispatcher. The fire department is in need of one of these units for each piece of apparatus. One (1) unit costs \$5,000.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		50,000					50,000
Contingency							-
Totals:	-	50,000	-	-	-	-	50,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing		50,000					50,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	50,000	-	-	-	-	50,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Thermal Imaging Camera for Ladder 1 **PROJECT NO.** 17-FD-03

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

This project will allow for the replacement and upgrade of the thermal imager camera on Ladder 1. The current thermal imager on the truck is over ten years old and was passed down from the Engine Companies. It is of older technology and parts for the device are available but will not be supported much longer.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		10,000					10,000
Contingency							-
Totals:	-	10,000	-	-	-	-	10,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing		10,000					10,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	10,000	-	-	-	-	10,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Turnout Gear Replacement

PROJECT NO. 17-FD-04

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Firefighter turnout gear has a service life of 5 to 6 years. The turnout gear of the Smithfield Firefighters should be updated on a regular basis in order to avoid replacement of the entire department's stock of gear in one year. In order to accomplish such, the department has been replacing turnout gear on an annual rotation basis. We purchase 4 - 6 sets of turnout gear each year to keep the protective turnout gear up-to-date for all members, while avoiding a large purchase of turnout gear that would be created if we did not use such a rotation. This also includes updating of protective footwear, protective gloves, and protective hoods. Helmets are replaced on an as needed basis.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Contingency							-
Totals:	25,000	25,000	25,000	25,000	25,000	25,000	150,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	25,000	25,000	25,000	25,000	25,000	25,000	150,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Station Security Cameras

PROJECT NO. 17-FD-06

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

This project would place security cameras at all department fire stations. The cameras would monitor activity at the front and rear of each station. A camera would also be placed at the main entryway of each station to identify visitors entering the building. Station 1 was completed in 2013 and has a computer server in place to receive the camera signals from the other stations via internet.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings			15,000				15,000
Contingency							-
Totals:	-	-	15,000	-	-	-	15,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing			15,000				15,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	15,000	-	-	-	15,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Rescue Boats **PROJECT NO.** 17-FD-07

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

This project would replace the fire department's old v-bottom boats with new inflatable, flat bottom boats. These newer version boats are more stable in the water and provide for a safer rescue of victims in the water. The boats also may be used to deploy our dive team and are a better platform for our divers to work off than our current boats. The project includes 2 boats with trailers and appropriate size motors.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	12,000						12,000
Contingency							-
Totals:	12,000	-	-	-	-	-	12,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing	12,000						12,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	12,000	-	-	-	-	-	12,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Portable Radio Replacement **PROJECT NO.** 17-FD-08

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

This project will update our communications equipment. Technology of portable radios is always changing and at the time of this projected project, our portable radio equipment will be older technology. This project will be spread over five years, purchasing 6 portable radios each year. This will enable the fire department personnel to have the latest reliable equipment for fire and EMS response. These portable radios will be multi-band radios capable of working on our local VHF radio system and the State interoperable 800 MHz system. They will also have UHF band capability which will allow our personnel to talk out of steel and concrete commercial buildings. They will also be compatible with the federal government's plan to provide national integration of "Firstnet" which is Wi-Fi based technology.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		38,000	38,000	38,000	38,000	38,000	190,000
Contingency							-
Totals:	-	38,000	38,000	38,000	38,000	38,000	190,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing		38,000	38,000	38,000	38,000	38,000	190,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	38,000	38,000	38,000	38,000	38,000	190,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Microwave Link Fire Alarm **PROJECT NO.** 17-FD-09

DEPARTMENT: Fire Department

PROJECT LOCATION: FD Station #1

DESCRIPTION AND JUSTIFICATION

This project would microwave link the radio equipment at fire alarm headquarters to the Lydia Ann radio tower site. Currently the link to the site is through telephone lines which is costly and not reliable. The microwave link will eliminate the monthly telephone line charges and make for a more reliable connection. The annual savings is \$13,000 per year at the current monthly rate from Verizon.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		16,000					16,000
Contingency							-
Totals:	-	16,000	-	-	-	-	16,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing		16,000					16,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	16,000	-	-	-	-	16,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Sub-Fire Station **PROJECT NO.** 17-FD-10

DEPARTMENT: Fire Department

PROJECT LOCATION: Route 116/Route 7 Vicinity

DESCRIPTION AND JUSTIFICATION

This project would be for the construction of a sub-fire station in the Route 116/Route 7 to better serve that area of town. Additional location the sub-fire station in this area would help to reduce response times in half to the Northern Corridor.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	2,600,000						2,600,000
Equipment/Furnishings							-
Contingency							-
Totals:	2,600,000	-	-	-	-	-	2,600,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing							-
Reserve Fund -							-
General Obligation Bond	2,600,000						2,600,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	2,600,000	-	-	-	-	-	2,600,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Headquarters Station Upgrade

PROJECT NO. 17-FD-11

DEPARTMENT: Fire Department

PROJECT LOCATION: 607 Putnam Pike

DESCRIPTION AND JUSTIFICATION

This project would upgrade the headquarters fire station to meet the current and future needs. The current facility is inadequate and needs updating. It does not meet current building code, fire code, and is not ADA compliant. Does not have female accommodations.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	650,000						650,000
Equipment/Furnishings							-
Contingency							-
Totals:	650,000	-	-	-	-	-	650,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing							-
Reserve Fund -							-
General Obligation Bond	650,000						650,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	650,000	-	-	-	-	-	650,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Training Site/Station #3 Upgrade **PROJECT NO.** 17-FD-12

DEPARTMENT: Fire Department

PROJECT LOCATION: Log Road Fire Station

DESCRIPTION AND JUSTIFICATION

This project would update the Log Road Fire Station for its use as a training site. There is currently a training site at the existing site that is in disrepair. The station would be converted to a classroom and appropriate training facility to meet current and future needs of the department.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	250,000						250,000
Equipment/Furnishings							-
Contingency							-
Totals:	250,000	-	-	-	-	-	250,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing							-
Reserve Fund -							-
General Obligation Bond	250,000						250,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	250,000	-	-	-	-	-	250,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Fire Alarm Dispatch Center Upgrade

PROJECT NO. 17-FD-13

DEPARTMENT: Fire Department

PROJECT LOCATION: 607 Putnam Pike

DESCRIPTION AND JUSTIFICATION

This project would update the old radio equipment, the old dispatch console, and add some redundant communications for backup in case of primary system failure. The entire dispatch center would be brought to code compliance.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	150,000						150,000
Equipment/Furnishings							-
Contingency							-
Totals:	150,000	-	-	-	-	-	150,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing							-
Reserve Fund -							-
General Obligation Bond	150,000						150,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	150,000	-	-	-	-	-	150,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Advanced Life Support Rescue Vehicle **PROJECT NO.** 17-FD-14

DEPARTMENT: Fire Department

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

The fire department purchased an Advanced Life Support Rescue Vehicle in 2012, Rescue 1, to replace one of the older rescue vehicles. Typically these vehicles have a 5-year service life, but with the increase in EMS runs, that number may be reduced to 4-years depending on the rate of annual increases in EMS runs. This purchase will replace Rescue 1 at the 5-year mark.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		215,000					215,000
Contingency							-
Totals:	-	215,000	-	-	-	-	215,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue-Rescue Billing		215,000					215,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	215,000	-	-	-	-	215,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: 4x4 Dump Truck with Plow **PROJECT NO.** 17-DPW-01

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Purchase a new 4x4 dump truck; 19,500 GVW; diesel with plow package. The current 2005 dump truck has had extensive use over the years and had required extensive annual repairs.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		62,000					62,000
Contingency							-
Totals:	-	62,000	-	-	-	-	62,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		62,000					62,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	62,000	-	-	-	-	62,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: 38,000 GVW Dump Truck with Plow

PROJECT NO. 17-DPW-02

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Purchase a new 38,000 GVW six wheel dump truck with plow. DPW has 16 dump/plow trucks in this class. The average age of these trucks is 17 years old. Purchasing a single truck each year will enable steady replacement of old equipment and provide safe operating equipment during times of emergency and during normal operations.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	165,000	165,000	165,000	165,000	165,000	165,000	990,000
Contingency							-
Totals:	165,000	165,000	165,000	165,000	165,000	165,000	990,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	165,000	165,000	165,000	165,000	165,000	165,000	990,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	165,000	165,000	165,000	165,000	165,000	165,000	990,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Wheel Loader **PROJECT NO.** 17-DPW-03

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Purchase a new wheel loader with 4 in 1 2.5 cy bucket. The DPW primary loader was purchased new in 1996 and has nearly 10,000 hours of use. The secondary loader is a 1970 CAT which would be sold through surplus sale.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		232,000					232,000
Contingency							-
Totals:	-	232,000	-	-	-	-	232,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		232,000					232,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	232,000	-	-	-	-	232,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Backhoe **PROJECT NO.** 17-DPW-04

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Purchase a new 21,000 pound backhoe with hydraulic thumb and quick detachable buckets. Current John Deere 710D backhoe was purchased in 1997 and has over 9,000 hours of use. This machine will need replacement before major repairs are needed.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	132,000						132,000
Contingency							-
Totals:	132,000	-	-	-	-	-	132,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	132,000						132,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	132,000	-	-	-	-	-	132,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: 4x4 Service Truck w/Plow **PROJECT NO.** 17-DPW-05

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

The 1998 GMC Jimmy currently driven by the Deputy Director has over 160,000 miles and requires major repairs. The new truck will be used as a foreman's truck and the current foreman's truck (2005 F-350) will be used by the Deputy Director.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	50,000						50,000
Contingency							-
Totals:	50,000	-	-	-	-	-	50,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	50,000						50,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	50,000	-	-	-	-	-	50,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Roadside Mower/Tractor **PROJECT NO.** 17-DPW-06

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

The single roadside mower currently in use is unable to keep up with the demand during the growing season. A second machine will enable us to mow the sides of all the roads in town at least once and often twice per year, reducing the hazards caused by overgrowth in the roads

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		100,000					100,000
Contingency							-
Totals:	-	100,000	-	-	-	-	100,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		100,000					100,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	100,000	-	-	-	-	100,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Asset Management Program **PROJECT NO.** 17-DPW-07

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Institute a comprehensive asset management program to manage assets which fall under the responsibility of the Public Works Department such as vehicle maintenance, building/facility maintenance, service request tracking, etc.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	20,000						20,000
Construction							-
Equipment/Furnishings	40,000						40,000
Contingency							-
Totals:	60,000	-	-	-	-	-	60,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	60,000						60,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	60,000	-	-	-	-	-	60,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New DPW Facility

PROJECT NO. 17-DPW-08

DEPARTMENT: Public Works

PROJECT LOCATION: 3 Spragueville Rd

DESCRIPTION AND JUSTIFICATION

Replace existing public works facility built in 1955 with a modern, efficient, ADA compliant building to include new offices, file storage, locker & lunch room, inside truck wash bay, truck lifts, etc. Existing facility needs a new roof, structural repairs, new concrete floors and drains along with cosmetic repairs.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services			250,000				250,000
Construction				6,750,000			6,750,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	250,000	6,750,000	-	-	7,000,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond			250,000	6,750,000			7,000,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	250,000	6,750,000	-	-	7,000,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: DPW Equipment Storage Garage Repairs **PROJECT NO.** 17-DPW-09

DEPARTMENT: Public Works

PROJECT LOCATION: 3 Spragueville Rd

DESCRIPTION AND JUSTIFICATION

The metal building constructed in the early 1990's is in need of some significant repairs. The lower portion of the siding is rusting away where it meets the asphalt, the roof panels have loosened in areas, the insulation has fallen off the walls and parts of the ceiling and the garage doors need to be replaced.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	10,000						10,000
Construction							-
Equipment/Furnishings		70,000					70,000
Contingency							-
Totals:	10,000	70,000	-	-	-	-	80,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000	70,000					80,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	70,000	-	-	-	-	80,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Sign Replacement **PROJECT NO.** 17-DPW-10

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Street signs & traffic signs have faded over the years. Traffic notification signs, such as stop signs, speed limits signs, etc. must meet certain retro-reflectivity requirements. The Federal Highway Administration requires signs to meet the Manual of Uniform Traffic Control Devices, Section 2A.08 minimum retro-reflectivity. This requires town to first catalog all signs, and determine reflectivity, then prioritize replacement. A comprehensive Asset Management Plan will greatly aid in this effort.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	10,000		10,000		10,000		30,000
Contingency							-
Totals:	10,000	-	10,000	-	10,000	-	30,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000		10,000		10,000		30,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	-	10,000	-	10,000	-	30,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Guardrail Replacement **PROJECT NO.** 17-DPW-11

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

There is approximately 1 mile of guardrails which need replacement throughout the town. These guardrails are either damaged or do not meet current safety standards.

- Log Rd – Hse #74 to Hse #108 (1,600 ft)
- Log Rd – Hse #272 (650 ft)
- Old Forge Rd - (400 ft)
- Whipple Rd @ Fenwood Ave – (100 ft)
- Stillwater Rd – Hse #342 (200 ft)
- Stillwater Rd -Hse #93 (450 ft)
- Ridge Rd #34 (200 ft)
- Greenlake Dr near Slacks Beach (300 ft)
- Deerfield Park (1,100)

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Equipment/Furnishings							-
Contingency							-
Totals:	20,000	20,000	20,000	20,000	20,000	20,000	120,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	20,000	20,000	20,000	20,000	20,000	20,000	120,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	20,000	20,000	20,000	20,000	20,000	20,000	120,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Pavement Management Plan **PROJECT NO.** 17-DPW-12

DEPARTMENT: Public Works

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Begin implementing the Town's Pavement Management Program.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	650,000	650,000	650,000	650,000	700,000	700,000	4,000,000
Equipment/Furnishings							-
Contingency							-
Totals:	650,000	650,000	650,000	650,000	700,000	700,000	4,000,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	650,000	650,000	650,000	650,000	700,000	700,000	4,000,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	650,000	650,000	650,000	650,000	700,000	700,000	4,000,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Whipple Field Reconstruction **PROJECT NO.** 17-PARK-01

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Whipple Field Complex

DESCRIPTION AND JUSTIFICATION

Whipple Fields #1, 2, and 4 have raised turf edges along the infield and outfield limits causing a hazard to players as the balls suddenly "jump" if they hit these areas. In addition, they are tripping hazards to players.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	28,000	22,000	22,000				72,000
Equipment/Furnishings							-
Contingency							-
Totals:	28,000	22,000	22,000	-	-	-	72,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	23,000	17,000	17,000				57,000
Special Revenue	5,000	5,000	5,000				15,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	28,000	22,000	22,000	-	-	-	72,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Entrance and Parking **PROJECT NO.** 17-PARK-02

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Whipple Field Complex

DESCRIPTION AND JUSTIFICATION

Parking is insufficient and not clearly defined at the Whipple Complex during game days. Visitors often have to park on the street, which obstructs through traffic. Reconfiguring the entrance and aligning it with the intersection of Whipple Rd and Fenwood Ave would improve the safety of that intersection as well as provide up to 40 additional parking spaces.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	10,000						10,000
Construction		100,000					100,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	100,000	-	-	-	-	110,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	5,000	75,000					80,000
Special Revenue	5,000	25,000					30,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	100,000	-	-	-	-	110,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Burgess Field Re-Hab **PROJECT NO.** 17-PARK-03

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Burgess Field

DESCRIPTION AND JUSTIFICATION

The infield base lines have become elevated over the years from adding infield mix. This has created turf lips to form around the base lines on both the outfield and infield. The entire area needs to be stripped, re-graded and reconstructed.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		28,000					28,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	28,000	-	-	-	-	28,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		28,000					28,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	28,000	-	-	-	-	28,000

2017-2022 CAPITAL IMPROVEMENTS PROGRAM PROJECT DETAIL

PROJECT TITLE: Deerfield Park Irrigation Expansion **PROJECT NO.** 17-PARK-04

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Deerfield Park

DESCRIPTION AND JUSTIFICATION

Add irrigation to the multi-use practice field by the tennis courts to provide a safe and playable field. This would include installing a new well or tapping into Greenville Water's main. Also, existing irrigation requires replacement of spray heads, valves and solenoids.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	10,000	40,000					50,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	40,000	-	-	-	-	50,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000	30,000					40,000
Special Revenue		10,000					10,000
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	40,000	-	-	-	-	50,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Deerfield Park Parking Lot Expansions **PROJECT NO.** 17-PARK-05

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Deerfield Park

DESCRIPTION AND JUSTIFICATION

Available parking at Deerfield Park does not meet the current needs. Vehicles are parked on sidewalks, grass/landscape areas and on the memorial grounds. Adding a parking lot on the plateau area adjacent to the wetlands restoration project will enable parking for an additional 100 or more vehicles. Adding an additional parking area opposite the Deerfield maintenance garage and expanding existing parking lot by tennis courts will add nearly another 50 parking stalls.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	10,000	10,000					20,000
Construction		805,000					805,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	815,000	-	-	-	-	825,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000	815,000					825,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	815,000	-	-	-	-	825,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New Facility **PROJECT NO.** 17-PARK-06

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Deerfield Park

DESCRIPTION AND JUSTIFICATION

With the merge of Parks and Recreation, there is a need for a new facility which is independent of the Public Works facility. The new 6,200 sf building would be located in Deerfield Park behind the Veterans and Youth Memorials in the vacant sand bank area or an alternative location. The building would include 6 garage bays, a full maintenance area, offices and a conference room. Access to the facility would be from the existing roadway opposite the existing maintenance garage. This existing 3 bay garage could then be rented to leagues for equipment storage. This facility would not only be used by maintenance staff but also for administration, use permitting, league meetings etc.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	80,000	200,000					280,000
Construction			1,400,000				1,400,000
Equipment/Furnishings							-
Contingency							-
Totals:	80,000	200,000	1,400,000	-	-	-	1,680,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	80,000	200,000					280,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond			1,400,000				1,400,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	80,000	200,000	1,400,000	-	-	-	1,680,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Compact Tractor/Loader **PROJECT NO.** 17-PARK-07

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

The Parks and Recreation Department currently has 2 John Deere tractors. One of the machines is an early 1990's tractor which has been requiring frequent repairs and is not operating at full capacity. A new, machine in the next size classification would be suitable to use with heavier attachments such as aerators, backhoe, grader boxes, etc.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	35,000						35,000
Contingency							-
Totals:	35,000	-	-	-	-	-	35,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	35,000						35,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	35,000	-	-	-	-	-	35,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: LED Street Light Conversion **PROJECT NO.** 17-PARK-08

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Town-Wide

DESCRIPTION AND JUSTIFICATION

Replace 53 street light fixtures with LED retro-fit kits which will reduce electric consumption by 60% and increase the life expectancy to 5 times that of traditional lights. This project will include Deerfield Park, the Senior Center, and all roadways through the park. Installation costs expected to be recaptured through the savings in electricity costs.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	35,000						35,000
Contingency							-
Totals:	35,000	-	-	-	-	-	35,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	35,000						35,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	35,000	-	-	-	-	-	35,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Dog Park **PROJECT NO.** 17-PARK-09

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: TBD

DESCRIPTION AND JUSTIFICATION

Build a Dog Park on existing town land with the assistance of volunteers.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	80,000						80,000
Contingency							-
Totals:	80,000	-	-	-	-	-	80,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - Capital	80,000						80,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	80,000	-	-	-	-	-	80,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Rotary Mower **PROJECT NO.** 17-PARK-10

DEPARTMENT: Parks & Recreation

PROJECT LOCATION: Town-wide

DESCRIPTION AND JUSTIFICATION

Purchase a rotary mower and necessary accessories to increase mowing efficiency town-wide.

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	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	95,000						95,000
Contingency							-
Totals:	95,000	-	-	-	-	-	95,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	95,000						95,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	95,000	-	-	-	-	-	95,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Boiler Replacement **PROJECT NO.** 17-SC-01

DEPARTMENT: Senior Center

PROJECT LOCATION: 1 William J Hawkins Jr Trail

DESCRIPTION AND JUSTIFICATION

A National Grid Energy Efficiency report was submitted on 12/31/2014 with details of energy saving incentives offered. This report considers the saving associated with the replacement of the current 450 MBH Brian Flexible Tube gas-fired boiler with a high efficiency condensing boiler. Energy savings result from the recovery and reuse of boiler exhaust heat that would otherwise be wasted in a non-condensing boiler.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	30,000	-					30,000
Equipment/Furnishings							-
Contingency							-
Totals:	30,000	-	-	-	-	-	30,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	30,000						30,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	-	-	-	-	-	30,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Roof and Building Repairs **PROJECT NO.** 17-SC-02

DEPARTMENT: Senior Center

PROJECT LOCATION: 1 William J Hawkins Jr Trail

DESCRIPTION AND JUSTIFICATION

The original building is now 20 years old. The roof and fascia boards are in need of replacing. Insulation is also needed throughout the building, which could prevent sprinkler heads from bursting in extreme weather. The addition to the building is now 10 years old and is in need of exterior painting.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	56,000	56,000					112,000
Equipment/Furnishings							-
Contingency							-
Totals:	56,000	56,000	-	-	-	-	112,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	56,000	56,000					112,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	56,000	56,000	-	-	-	-	112,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Driveway Resurface **PROJECT NO.** 17-CC-01

DEPARTMENT: CONSERVATION

PROJECT LOCATION: CONSERVATION CENTER

DESCRIPTION AND JUSTIFICATION

Surface driveway using ground-up asphalt, starting from Waterview Dr. down to parking lot. Approximately 220 feet by 16 feet, with proper drainage and runoff.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction and resurface	\$10,000						10,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	-	-	-	-	-	10,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - Conservation	10,000						10,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	-	-	-	-	-	10,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Smithfield High School Renovations, Improvements and Repairs **PROJECT NO.** 17-SCH-02

DEPARTMENT: SCHOOL DEPARTMENT

PROJECT LOCATION: Smithfield High School
90 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Unlike other budgets under the control of the Town Manager, funding for capital items is contingent upon budgetary constraints imposed upon the school department as the result of the Financial Town Meeting. As a result, no efforts were made to prioritize.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	27,700	-	27,700
Construction	1,014,110	8,703,000	8,824,800	3,974,580	1,589,800	200,000	24,306,290
Equipment/Furnishings	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Totals:	1,014,110	8,703,000	8,824,800	3,974,580	1,617,500	200,000	24,333,990

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	514,110	75,000	942,800	365,980	277,000	-	2,174,890
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	500,000	8,628,000	7,882,000	3,608,600	1,340,500	200,000	22,159,100
RI Infrastructure Bank	-						-
Water Supply Board	-						-
Sewer Authority	-						-
Impact Fees	-						-
State Grant	-						-
Totals:	1,014,110	8,703,000	8,824,800	3,974,580	1,617,500	200,000	24,333,990

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Gallagher Middle School
Renovations, Improvements and Repairs

PROJECT NO. 17-SCH-03

DEPARTMENT: SCHOOL DEPARTMENT

PROJECT LOCATION: Gallagher Middle School
10 Indian Run Trail

DESCRIPTION AND JUSTIFICATION

Unlike other budgets under the control of the Town Manager, funding for capital items is contingent upon budgetary constraints imposed upon the school department as the result of the Financial Town Meeting. As a result, no efforts were made to prioritize.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	10,000	-	10,000
Construction	130,450	410,000	5,561,000	1,534,800	701,500	552,400	8,890,150
Equipment/Furnishings	32,600	-	-	-	-	-	32,600
Contingency	-	-	-	-	-	-	-
Totals:	163,050	410,000	5,561,000	1,534,800	711,500	552,400	8,932,750

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	58,050	50,000	126,400	575,200	401,500	-	1,211,150
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	105,000	360,000	5,434,600	959,600	310,000	552,400	7,721,600
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	163,050	410,000	5,561,000	1,534,800	711,500	552,400	8,932,750

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Raymond C. LaPerche Elementary School Renovations, Improvements and Repairs **PROJECT NO.** 17-SCH-04

DEPARTMENT: SCHOOL DEPARTMENT

PROJECT LOCATION: LaPerche Elementary School
11 Limerock Road

DESCRIPTION AND JUSTIFICATION

Unlike other budgets under the control of the Town Manager, funding for capital items is contingent upon budgetary constraints imposed upon the school department as the result of the Financial Town Meeting. As a result, no efforts were made to prioritize.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	11,500	-	11,500
Construction	370,000	1,780,000	662,150	3,012,750	107,500	-	5,932,400
Equipment/Furnishings	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Totals:	370,000	1,780,000	662,150	3,012,750	119,000	-	5,943,900

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	150,000	18,000	374,750	275,750	119,000	-	937,500
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	220,000	1,762,000	287,400	2,737,000	-	-	5,006,400
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	370,000	1,780,000	662,150	3,012,750	119,000	-	5,943,900

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Anna M. McCabe Elementary School **PROJECT NO.** 17-SCH-05
Renovations, Improvements and Repairs

DEPARTMENT: SCHOOL DEPARTMENT

PROJECT LOCATION: Anna McCabe School
100 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Unlike other budgets under the control of the Town Manager, funding for capital items is contingent upon budgetary constraints imposed upon the school department as the result of the Financial Town Meeting. As a result, no efforts were made to prioritize.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	9,000	-	9,000
Construction	-	265,000	2,940,280	1,256,480	256,900	-	4,718,660
Equipment/Furnishings	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Totals:	-	265,000	2,940,280	1,256,480	265,900	-	4,727,660

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	-	113,000	325,000	228,680	159,500	-	826,180
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	-	152,000	2,615,280	1,027,800	106,400	-	3,901,480
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	-	265,000	2,940,280	1,256,480	265,900	-	4,727,660

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Old County Road Elementary School Renovations, Improvements and Repairs **PROJECT NO.** 17-SCH-06

DEPARTMENT: SCHOOL DEPARTMENT

PROJECT LOCATION: Old County Road Elementary School
200 Old County Road

DESCRIPTION AND JUSTIFICATION

Unlike other budgets under the control of the Town Manager, funding for capital items is contingent upon budgetary constraints imposed upon the school department as the result of the Financial Town Meeting. As a result, no efforts were made to prioritize.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	-	-	-	-	-	-	-
Professional Services	-	-	-	-	11,500	-	11,500
Construction	227,785	1,801,750	1,157,800	2,230,100	202,500	25,000	5,644,935
Equipment/Furnishings	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-
Totals:	227,785	1,801,750	1,157,800	2,230,100	214,000	25,000	5,656,435

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	102,785	42,750	299,500	338,000	214,000	25,000	1,022,035
Special Revenue	-	-	-	-	-	-	-
Reserve Fund -	-	-	-	-	-	-	-
General Obligation Bond	125,000	1,759,000	858,300	1,892,100	-	-	4,634,400
RI Infrastructure Bank	-	-	-	-	-	-	-
Water Supply Board	-	-	-	-	-	-	-
Sewer Authority	-	-	-	-	-	-	-
Impact Fees	-	-	-	-	-	-	-
State Grant	-	-	-	-	-	-	-
Totals:	227,785	1,801,750	1,157,800	2,230,100	214,000	25,000	5,656,435

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Greenville Public Library
Parking Lot Expansion

PROJECT NO. 17-GL-01

DEPARTMENT: Greenville Public Library

PROJECT LOCATION: 573 Putnam Pike, Greenville, RI 02828

DESCRIPTION AND JUSTIFICATION

This project would increase the size of the parking lot to 120 spaces and would include an additional egress and entrance located on Rt. 116 (pending state approval). This expansion would provide a safer alternative to the current egress and entrance located on Rt. 44. This would be phase 1 of a 2 phase Library Expansion Project. Justification for the parking lot expansion is addressed in the Town's Comprehensive Community Plan.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	175,000						175,000
Professional Services	100,000						100,000
Construction	400,000						400,000
Equipment/Furnishings							-
Contingency							-
Totals:	675,000	-	-	-	-	-	675,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	675,000						675,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	675,000	-	-	-	-	-	675,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE Greenville Public Library Expansion **PROJECT NO.** 17-GL-02

DEPARTMENT: Greenville Public Library

PROJECT LOCATION: 573 Putnam Pike, Greenville, RI 02828

DESCRIPTION AND JUSTIFICATION

This project would add 21,405 square feet, and a renovation to the current facility. This will address the needs of much needed space for the Children's room, and space for meeting rooms for tutors, community organizations, and expanded library programs. This project has been developed by a professional library consultant and approved by the state department of library services. This project would be the phase 2 of a two phase project. It will meet the town's needs for at least twenty years.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land				175,000			175,000
Professional Services				696,466			696,466
Construction				7,398,375			7,398,375
Equipment/Furnishings				899,850			899,850
Contingency				543,780			543,780
Totals:	-	-	-	9,713,471	-	-	9,713,471

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond				9,713,471			9,713,471
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	9,713,471	-	-	9,713,471

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Land Purchase **PROJECT NO.** 17-TA-1

DEPARTMENT: Town Administration

PROJECT LOCATION: TBD

DESCRIPTION AND JUSTIFICATION

Future site(s) for Municipal and Recreational facilities, including but not limited to public safety.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land	2,500,000						2,500,000
Professional Services							-
Construction							-
Equipment/Furnishings							-
Contingency							-
Totals:	2,500,000	-	-	-	-	-	2,500,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond	2,500,000						2,500,000
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	2,500,000	-	-	-	-	-	2,500,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Technology Upgrades **PROJECT NO.** 17-TA-2

DEPARTMENT: Town Administration

PROJECT LOCATION: Town-wide

DESCRIPTION AND JUSTIFICATION

Upgrades to meet new standards and scheduled replacement of old equipment.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	25,000	25,000	25,000				75,000
Construction							-
Equipment/Furnishings	40,000	30,000	40,000				110,000
Contingency							-
Totals:	65,000	55,000	65,000	-	-	-	185,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	65,000	55,000	65,000				185,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	65,000	55,000	65,000	-	-	-	185,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: GIS Mapping **PROJECT NO.** 17-TA-3

DEPARTMENT: Town Administration

PROJECT LOCATION: Town-wide

DESCRIPTION AND JUSTIFICATION

GIS is a continuing project which is utilized by all departments. Map and layer updating, creation of new layers, and flyovers every three years for oblique imagery are necessary to maintain the current and improved information. Project includes updating technology for various departments to access these maps and utilize available tools. This would be handled by utilizing tablets in the field, as well as GPS systems to upgrade the various layers. The GIS Committee has met and agreed to continue the outsourcing and updating of our maps as we do not have the infrastructure or the expertise to produce a quality GIS system.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	35,000	35,000	25,000				95,000
Construction							-
Equipment/Furnishings	30,000	30,000	30,000				90,000
Contingency							-
Totals:	65,000	65,000	55,000	-	-	-	185,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	65,000	65,000	65,000				195,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	65,000	65,000	65,000	-	-	-	195,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Town Hall Renovations **PROJECT NO.** 17-TH-1

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Renovations to the Town Hall to increase the integrity, safety, and the overall viability of the building.
(painting, masonry, storage shed and other major capital repairs)

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	30,000	30,000	20,000				80,000
Equipment/Furnishings							-
Contingency							-
Totals:	30,000	30,000	20,000	-	-	-	80,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	30,000	30,000	20,000				80,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	30,000	20,000	-	-	-	80,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Vehicle Replacement

PROJECT NO. 17-TH-2

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Periodic replacement of old vehicles used for town business.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	30,000	30,000					60,000
Contingency							-
Totals:	30,000	30,000	-	-	-	-	60,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	30,000	30,000					60,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	30,000	30,000	-	-	-	-	60,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Handicap Accessibility Ramp **PROJECT NO.** 17-TH-3

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Reconstruct the handicap ramp to meet standards and existing deteriorating conditions.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	15,000						15,000
Construction	125,000						125,000
Equipment/Furnishings							-
Contingency							-
Totals:	140,000	-	-	-	-	-	140,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	140,000						140,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	140,000	-	-	-	-	-	140,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New and Rehab Parking Area **PROJECT NO.** 17-TH-4

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Rehabilitation of circular driveway and parking area in the rear of the building. Design and develop a new parking area on previously purchased land adjacent to the Town Hall property.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	15,000						15,000
Construction	170,000						170,000
Equipment/Furnishings							-
Contingency							-
Totals:	185,000	-	-	-	-	-	185,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	185,000						185,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	185,000	-	-	-	-	-	185,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Town Hall Scanner/Copier/Printer **PROJECT NO.** 17-TH-5

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Purchase of a large format scanner/copier/printer. Unit will allow scanning large bulk plans to initiate Town Hall lower level archive effort to reduce cabinet space consumption. This project is budgeted for the purchase of the equipment, computer and ancillary electronic devices required to fulfill the function. \$20,000 was funded in Fiscal Year 2015.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	15,000			10,000			25,000
Contingency							-
Totals:	15,000	-	-	10,000	-	-	25,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	15,000			10,000			25,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	15,000	-	-	10,000	-	-	25,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Security Lock Setup **PROJECT NO.** 17-TH-6

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Complete security enhancement for the entire Town Hall whether by key, card or some other device.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		50,000					50,000
Contingency							-
Totals:	-	50,000	-	-	-	-	50,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		50,000					50,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	50,000	-	-	-	-	50,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: HVAC **PROJECT NO.** 17-TH-7

DEPARTMENT: Town Hall

PROJECT LOCATION: Town Hall

DESCRIPTION AND JUSTIFICATION

Replacement of old, non-efficient existing HVAC units that have required extensive maintenance and repairs. Parts can not be secured for some units.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	140,000	40,000	40,000				220,000
Contingency							-
Totals:	140,000	40,000	40,000	-	-	-	220,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	140,000	40,000	40,000				220,000
Special Revenue - Salt Barn							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	140,000	40,000	40,000	-	-	-	220,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Mountaindale Road Bridge Replacement **PROJECT NO.** 17-ENG-01

DEPARTMENT: Engineering

PROJECT LOCATION: Mountaindale Road (500-ft. east from Spragueville)

DESCRIPTION AND JUSTIFICATION

Complete design, permit and replacement of poor, failing, sub-standard bridge structure. Design and permit phase will be first year with construction bidding and contract to follow during the second year of funding. Bridge will be uniform, safe, wide, complete with guard railing systems, sidewalk and pedestrian crossing. Year 2 of 2 funding request. \$350,000 was funded in FY16 for design and initial construction phase.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	60,000						60,000
Construction	450,000						450,000
Equipment/Furnishings							-
Contingency							-
Totals:	510,000	-	-	-	-	-	510,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	510,000						510,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	510,000	-	-	-	-	-	510,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Esmond Mill Drive Bridge Replacement **PROJECT NO.** 17-ENG-02

DEPARTMENT: Engineering

PROJECT LOCATION: Esmond Mill Drive at Woonasquatucket River

DESCRIPTION AND JUSTIFICATION

Replace poor condition, functionally obsolete bridge. Bridge has been identified as having exposed rebar, significant spalling, substandard guardrail systems and is showing visible signs of significant wear and eminent failure. Bridge system is critical to access to the Town's wastewater treatment facility. Temporary access will be needed from Maple Street during demolition and construction. Construction should take a full year to complete. Effort will require design, permitting and contracting to complete.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land		50,000					50,000
Professional Services	75,000						75,000
Construction			750,000	800,000			1,550,000
Equipment/Furnishings					25,000		25,000
Contingency							-
Totals:	75,000	50,000	750,000	800,000	25,000	-	1,700,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	75,000	50,000	750,000	800,000	25,000		1,700,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	75,000	50,000	750,000	800,000	25,000	-	1,700,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Thurber Blvd Sidewalk Project

PROJECT NO. 17-ENG-03

DEPARTMENT: Engineering

PROJECT LOCATION: Thurber Boulevard

DESCRIPTION AND JUSTIFICATION

Plan design and construction of approximately 6,000 LF of 4-ft. wide sidewalks to improve pedestrian safety and mobility.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	10,000						10,000
Construction		150,000					150,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	150,000	-	-	-	-	160,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000	150,000					160,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	150,000	-	-	-	-	160,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: RIPDES StormWater Program **PROJECT NO.** 17-ENG-04

DEPARTMENT: Engineering

PROJECT LOCATION: Town-Wide Storm Water Systems

DESCRIPTION AND JUSTIFICATION

Program is a lifelong, continued program aimed at reducing pollution to contributing watershed associated with stormwater. Program identifies stormwater pollution areas and associated impacts, assesses priority threats to water quality impairments and prioritized abatement efforts to reduce pollution impact. Program involves cleaning of existing storm water facilities, CCTV of undesignated stormwater areas of unknown origins, retrofits to existing facilities to improve water quality, provides for public education on stormwater impacts and ensures RIDEM regulatory compliance for RIPDES Permit. Previously and currently funded under CIP Legislative.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	35,000	35,000	40,000	40,000	40,000	40,000	230,000
Construction							-
Equipment/Furnishings							-
Contingency							-
Totals:	35,000	35,000	40,000	40,000	40,000	40,000	230,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	35,000	35,000	40,000	40,000	40,000	40,000	230,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	35,000	35,000	40,000	40,000	40,000	40,000	230,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Indian Run Sidewalk Project **PROJECT NO.** 17-ENG-05

DEPARTMENT: Engineering

PROJECT LOCATION: Indian Run Trail, Wampum Trail and Black Hawk Trail

DESCRIPTION AND JUSTIFICATION

Project involves installation of ADA compliant pedestrian sidewalks on Indian Run Trail, Wampum Trail and Black Hawk Trail to connect Pleasant View Avenue to Deerfield Park. Project involve approximately 3,000 LF of 4-ft. wide concrete sidewalks.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land			60,000				60,000
Professional Services		40,000					40,000
Construction				250,000			250,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	40,000	60,000	250,000	-	-	350,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	40,000	40,000	60,000	250,000			390,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	40,000	40,000	60,000	250,000	-	-	390,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Whitman-Fenwood Sidewalk Improvement **PROJECT NO.** 17-ENG-06

DEPARTMENT: Engineering

PROJECT LOCATION: Whitman Street & Fenwood Avenue

DESCRIPTION AND JUSTIFICATION

Project entails the design and installation of new sidewalks to replace sidewalks on Whitman Street and a small portion of Lincoln Street. Project also includes installation of new sidewalks along Fenwood Avenue with the overall goal of connecting Esmond Street to Whipple Field. Project includes the installation of approximately 4,500 LF of 4-ft. wide concrete sidewalks.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land		25,000					25,000
Professional Services	70,000						70,000
Construction			250,000	100,000			350,000
Equipment/Furnishings							-
Contingency							-
Totals:	70,000	25,000	250,000	100,000	-	-	445,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	70,000	25,000	250,000	100,000			445,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	70,000	25,000	250,000	100,000	-	-	445,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Capron Road Sidewalk Project

PROJECT NO. 17-ENG-07

DEPARTMENT: Engineering

PROJECT LOCATION: Capron & Stillwater Road

DESCRIPTION AND JUSTIFICATION

Plan design and construction of approximately 1,200 LF of 4-ft. wide sidewalks to improve pedestrian safety and mobility. Will further complement the replacement of the Capron Road bridge scheduled for replacement by RIDOT in 2016. Project will provide safe pedestrian mobility from Smithfield Scenic Walking Trail to the Smith Appleby House.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	10,000						10,000
Construction		125,000					125,000
Equipment/Furnishings							-
Contingency							-
Totals:	10,000	125,000	-	-	-	-	135,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000	125,000					135,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	125,000	-	-	-	-	135,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: #29 Ridge Road - Culvert Replacement **PROJECT NO.** 17-ENG-08

DEPARTMENT: Engineering

PROJECT LOCATION: 29 Ridge Road

DESCRIPTION AND JUSTIFICATION

Replace existing culvert with a bottomless box culvert and slightly widen the road for safe vehicular passage and create standard uniform road width with safety enhancements.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land			10,000				10,000
Professional Services		30,000					30,000
Construction			200,000	30,000			230,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	30,000	210,000	30,000	-	-	270,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		30,000	210,000	30,000			270,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	30,000	210,000	30,000	-	-	270,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: #93 Stillwater Road - Culvert Enhancements **PROJECT NO.** 17-ENG-09

DEPARTMENT: Engineering

PROJECT LOCATION: 93 Stillwater Road

DESCRIPTION AND JUSTIFICATION

Enhance existing culvert pipes to prevent clogging by adding headwalls to both the inlet and outlet sides of the culvert pipes. Project will aide in erosion control into Georgiaville Pond. Project will also have a vehicle safety enhancement aspect which will include guardrail replacement on both sides of the road.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services		25,000					25,000
Construction			150,000				150,000
Equipment/Furnishings			25,000	25,000			50,000
Contingency							-
Totals:	-	25,000	175,000	25,000	-	-	225,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		25,000	175,000	25,000			225,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	25,000	175,000	25,000	-	-	225,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Julien Street Culvert Replacement **PROJECT NO.** 17-ENG-10

DEPARTMENT: Engineering

PROJECT LOCATION: #4 Julien Street

DESCRIPTION AND JUSTIFICATION

Upgrade existing culvert with larger culvert to accommodate large storm volumes that have caused backups in the past. Study of the existing culvert, the hydrology of the area will be needed and then upgrades can be planned once studies are complete.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land				15,000			15,000
Professional Services			25,000				25,000
Construction					150,000	100,000	250,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	25,000	15,000	150,000	100,000	290,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund			25,000	15,000	150,000	100,000	290,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	25,000	15,000	150,000	100,000	290,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Tarkiln Road Culvert Replacement **PROJECT NO.** 17-ENG-11

DEPARTMENT: Engineering

PROJECT LOCATION: Tarkiln Road at Nine Foot Brook

DESCRIPTION AND JUSTIFICATION

Replace an existing failed stone box culvert and auxiliary pipe culvert with a single functioning box culvert. Project will include supplemental guardrail system and proper signage under equipment & furnishings.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	10,000						10,000
Construction		45,000					45,000
Equipment/Furnishings			15,000				15,000
Contingency							-
Totals:	10,000	45,000	15,000	-	-	-	70,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund	10,000	45,000	15,000				70,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	10,000	45,000	15,000	-	-	-	70,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Ridge Road Landfill Closure Program **PROJECT NO.** 17-ENG-12

DEPARTMENT: Engineering

PROJECT LOCATION: Ridge Road at North Providence Town Line

DESCRIPTION AND JUSTIFICATION

In conformance with Voluntary Landfill Closure Program, properly cap a former landfill in accordance with RIDEM rules and regulations. Capping of an improperly closed landfill will require planning, engineering design, RIDEM permitting, advertising and construction phase services by a Design Consultant. The project as described for FY 2018 would include basic A/E services to devise a Site Investigation Plan and Landfill Closure Plan.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land		40,000					40,000
Professional Services		50,000	75,000	35,000	4,000	10,000	174,000
Construction				1,550,000			1,550,000
Equipment/Furnishings							-
Contingency					7,000	6,000	13,000
Totals:	-	90,000	75,000	1,585,000	11,000	16,000	1,777,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund		90,000	75,000	35,000	11,000	16,000	227,000
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank				1,550,000			1,550,000
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	90,000	75,000	1,585,000	11,000	16,000	1,777,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New Ice Resurfacing Machine (Zamboni Electric 552) **PROJECT NO.** 17-ICE-01

DEPARTMENT: Ice Rink

PROJECT LOCATION: 109 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Replacement of existing ice resurfacing machine which will be ten years old at the time of replacement, this proposed purchase will include the trade-in of the existing Zamboni Electric 552 which will reduce the total cost.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	150,000						150,000
Contingency							-
Totals:	150,000	-	-	-	-	-	150,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK	150,000						150,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	150,000	-	-	-	-	-	150,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New Desiccant Dehumidification System **PROJECT NO.** 17-ICE-02

DEPARTMENT: Ice Rink

PROJECT LOCATION: 109 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Installation of a new desiccant dehumidification system throughout the ice rink facility to eliminate the humidity issues that are created in the warmer months of the year.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		100,000					100,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	100,000	-	-	-	-	100,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK		100,000					100,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	100,000	-	-	-	-	100,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New Ice Resurfacer Garage **PROJECT NO.** 17-ICE-03

DEPARTMENT: Ice Rink

PROJECT LOCATION: 109 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

New construction of an Ice Resurfacer Garage will provide more workable storage for the Ice Rink, straight access for the Zamboni to the Ice Playing Surface, and provide an air lock to assist with limiting the effects of humidity in the Ice Rink during the Spring and Summer months.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction			250,000				250,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	250,000	-	-	-	250,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK			250,000				250,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	250,000	-	-	-	250,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Ice Rink Parking Lot Replacement **PROJECT NO.** 17-ICE-04

DEPARTMENT: Ice Rink

PROJECT LOCATION: 109 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

Total replacement of existing parking lot.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction				450,000			450,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	450,000	-	-	450,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund - ICE RINK				450,000			450,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	450,000	-	-	450,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New Ice Rink Locker Room **PROJECT NO.** 17-ICE-05

DEPARTMENT: Ice Rink

PROJECT LOCATION: 109 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

New construction of one new locker room for use by the general public, local youth hockey programs, local boys and girls high school hockey programs, and collegiate hockey programs.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction					500,000		500,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	-	500,000	-	500,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -					500,000		500,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	-	500,000	-	500,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: New Ice Rink Lobby and Conference Room **PROJECT NO.** 17-ICE-06

DEPARTMENT: Ice Rink

PROJECT LOCATION: 109 Pleasant View Avenue

DESCRIPTION AND JUSTIFICATION

New construction of a lobby and conference room area on the front of the Ice Rink.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction						500,000	500,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	-	-	500,000	500,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -						500,000	500,000
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	-	-	500,000	500,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: WWTF Primary Tank Cover **PROJECT NO.** 17-SEW-02

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive - Reserve Primary Treatment Tank

DESCRIPTION AND JUSTIFICATION

Project includes covering the alternate Primary Treatment Process so the two Primary Treatment Trains can alternate use and increase longevity of the equipment contained within each tank. Project also includes covering alternate sludge storage tank.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	40,000						40,000
Construction		250,000					250,000
Equipment/Furnishings							-
Contingency							-
Totals:	40,000	250,000	-	-	-	-	290,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank		250,000					250,000
Water Supply Board							-
Sewer Authority	40,000						40,000
Impact Fees							-
State Grant							-
Totals:	40,000	250,000	-	-	-	-	290,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Pump Station Generator Upgrade Program **PROJECT NO.** 17-SEW-03

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Town-wide Sewer Pump Stations

DESCRIPTION AND JUSTIFICATION

Program involves replacing, upgrading and refurbishing existing backup generators at 5 of the 12 town sewer pump stations (Camp, Whipple, Commerce, Valley View, Rogler Farm). Implementation of new telemetry and SCADA controls. One pump station currently programmed in for upgrade in FY16; 1st year of implementation project. Project upgrades should be complete by 2028, unless improvements are otherwise needed earlier.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Contingency							-
Totals:	75,000	75,000	75,000	75,000	75,000	75,000	450,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Impact Fees							-
State Grant							-
Totals:	75,000	75,000	75,000	75,000	75,000	75,000	450,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: SSES - Sanitary Sewer Evaluation Studies **PROJECT NO.** 17-SEW-04

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Town-wide throughout Sewer Collection System

DESCRIPTION AND JUSTIFICATION

The SSES program (Sanitary Sewer Evaluation Study) is an ongoing lifelong program aimed at identifying, removing and reducing extraneous sources of otherwise clean water from entering the sewer system. The program's main goal is aimed at increasing system capacity, preserving the Wastewater Treatment Facility & Pump Station capacities, reducing treatment costs and preserving the collection system to ensure long term use with minimal, reduced occurrences of overflows or bypass discharges. Program involves the use of existing flow monitoring data to prioritize sub-sewer areas for Close-Circuit TV exploration, identification of pipeline deficiencies, resolution of connection deficiencies, repair projects for mainline system deficiencies and educating the system users. Overall program is aimed at preservation of existing system capacity to ensure major capital upgrades are only executed when absolutely warranted.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	40,000	40,000	40,000	40,000	40,000	40,000	240,000
Construction	250,000	250,000	250,000	250,000	250,000	200,000	1,450,000
Equipment/Furnishings							-
Contingency							-
Totals:	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000
Impact Fees							-
State Grant							-
Totals:	290,000	290,000	290,000	290,000	290,000	240,000	1,690,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Emergency Exit Lighting **PROJECT NO.** 17-SEW-05

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Installation of emergency exit lighting at all entrances and exits of all buildings on the WWTF property

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	30,000						30,000
Contingency							-
Totals:	30,000	-	-	-	-	-	30,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	30,000						30,000
Impact Fees							-
State Grant							-
Totals:	30,000	-	-	-	-	-	30,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: WWTF HVAC **PROJECT NO.** 17-SEW-06

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Install new Heating and ventilation systems in the Primary Effluent Building, Activated Sludge Building and Disc Filter Building.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	12,000	12,000	12,000				36,000
Contingency							-
Totals:	12,000	12,000	12,000	-	-	-	36,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	12,000	12,000	12,000				36,000
Impact Fees							-
State Grant							-
Totals:	12,000	12,000	12,000	-	-	-	36,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Primary Effluent Tank Cross Collectors **PROJECT NO.** 17-SEW-07

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Replace the Primary Treatment Tank cross collector drive units and the cross collectors.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	40,000	25,000					65,000
Contingency							-
Totals:	40,000	25,000	-	-	-	-	65,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	40,000	25,000					65,000
Impact Fees							-
State Grant							-
Totals:	40,000	25,000	-	-	-	-	65,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Sludge Tanks Drive Equipment

PROJECT NO. 17-SEW-08

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Replace/Upgrade the existing sludge storage tanks drive gear assemblies. Original replacement equipment no longer available.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings		50,000					50,000
Contingency							-
Totals:	-	50,000	-	-	-	-	50,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority		50,000					50,000
Impact Fees							-
State Grant							-
Totals:	-	50,000	-	-	-	-	50,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Underground Storage Tank Replacement - Aboveground Storage Tank Install **PROJECT NO.** 17-SEW-09

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Remove the existing 5,000 gallon #2 Heating Oil Tank and replace with a suitable above ground storage tank.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction		65,000					65,000
Equipment/Furnishings		35,000					35,000
Contingency							-
Totals:	-	100,000	-	-	-	-	100,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority		100,000					100,000
Impact Fees							-
State Grant							-
Totals:	-	100,000	-	-	-	-	100,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: WWTF Buildings Upgrades **PROJECT NO.** 17-SEW-10

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Replace deteriorated cast iron floor drain systems in various buildings. Replace Disc Filter building boiler. Add HVAC to chemical rooms. Evaluate and replace existing pipe support systems throughout solids building, chemical building and micro screen building. Remodel and upgrade WWTF bathroom and sanitary facilities.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	20,000	50,000	20,000	20,000	15,000		125,000
Contingency							-
Totals:	20,000	50,000	20,000	20,000	15,000	-	125,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	20,000	50,000	20,000	20,000	15,000		125,000
Impact Fees							-
State Grant							-
Totals:	20,000	50,000	20,000	20,000	15,000	-	125,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Pump Station Electrical & Communication **PROJECT NO.** 17-SEW-12

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Pump Stations Town Wide

DESCRIPTION AND JUSTIFICATION

Installation of instrumentation and communication equipment at the WWTF and the 12 pump stations to improve efficiency, data transmission and reliability of equipment communication to monitor signal controls on SCADA. Program end date is anticipated for 2028.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings	80,000	80,000	80,000	80,000	80,000	80,000	480,000
Contingency							-
Totals:	80,000	80,000	80,000	80,000	80,000	80,000	480,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	80,000	80,000	80,000	80,000	80,000	80,000	480,000
Impact Fees							-
State Grant							-
Totals:	80,000	80,000	80,000	80,000	80,000	80,000	480,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Replace Hypochlorite Tanks **PROJECT NO.** 17-SEW-13

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Replace the existing hypochlorite tanks in the Microscreen Building.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings			20,000				20,000
Contingency							-
Totals:	-	-	20,000	-	-	-	20,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority			20,000				20,000
Impact Fees							-
State Grant							-
Totals:	-	-	20,000	-	-	-	20,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Sewer Security Fencing **PROJECT NO.** 17-SEW-14

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Replace sections of the existing security perimeter chain link fence at the WWTF and at various pump stations town wide.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction							-
Equipment/Furnishings			15,000				15,000
Contingency							-
Totals:	-	-	15,000	-	-	-	15,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority			15,000				15,000
Impact Fees							-
State Grant							-
Totals:	-	-	15,000	-	-	-	15,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Install Vortex Grit Removal System **PROJECT NO.** 17-SEW-15

DEPARTMENT: Sewer Authority

PROJECT LOCATION: Wastewater Treatment Facility
20 Esmond Mill Drive

DESCRIPTION AND JUSTIFICATION

Install a new vortex grit removal system.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	20,000						20,000
Construction		125,000					125,000
Equipment/Furnishings		125,000					125,000
Contingency							-
Totals:	20,000	250,000	-	-	-	-	270,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board							-
Sewer Authority	20,000	250,000					270,000
Impact Fees							-
State Grant							-
Totals:	20,000	250,000	-	-	-	-	270,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Rocky Hill Rd Tank Replacement

PROJECT NO. 17-WTR-01

DEPARTMENT: Smithfield Water Supply Board

PROJECT LOCATION: Rocky Hill Rd

DESCRIPTION AND JUSTIFICATION

The nearly 60 year old 1 MG tank located on Rocky Hill Road is in need of over \$500,000 in rehabilitation. A cost analysis was performed and it was determined the most cost effective approach when comparing the life cycle of the asset is a replacement tank. A new 1 MG concrete tank is proposed as a replacement in the same location.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	40,000	35,000					75,000
Construction		1,200,000					1,200,000
Equipment/Furnishings							-
Contingency							-
Totals:	40,000	1,235,000	-	-	-	-	1,275,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank		1,200,000					1,200,000
Water Supply Board	40,000	35,000					75,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	40,000	1,235,000	-	-	-	-	1,275,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Route 116 / Lincoln Interconnection **PROJECT NO.** 17-WTR-02

DEPARTMENT: Smithfield Water Supply Board

PROJECT LOCATION: George Washington Highway

DESCRIPTION AND JUSTIFICATION

Smithfield Water is reaching its maximum supply capacity during peak demands from the Longview Pump Station and interconnecting water mains. Development is steadily increasing and Smithfield Water will not be able to service new developments. An interconnection with Lincoln Water on Route 116 would provide an addition wholesale supply alternative. This interconnection would require a pump station as the Smithfield Water has a higher pressure gradient than Lincoln. Water Resources Board may qualify this project for a 50% grant match which is not shown in the figures below.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services	35,000	75,000					110,000
Construction			950,000				950,000
Equipment/Furnishings							-
Contingency							-
Totals:	35,000	75,000	950,000	-	-	-	1,060,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank		75,000	950,000				1,025,000
Water Supply Board	35,000						35,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	35,000	75,000	950,000	-	-	-	1,060,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Refurbish Island Woods Water Tank

PROJECT NO. 17-WTR-03

DEPARTMENT: Smithfield Water Supply Board

PROJECT LOCATION: Technology Way

DESCRIPTION AND JUSTIFICATION

In 2015 this 4 million gallon tank was inspected on both the exterior and interior. The inspection revealed the paint on both the inside and outside of the tank has nearly expired and there areas of exposed structural steel where paint blisters have ruptured. Rehabilitation of this 4 MG tank requires it to be taken out of service for a short time; tank drained; removal of all coatings; new coatings on all steel surfaces using A.N.S.I./N.P.F. 61 compliant coating; installation of a passive circulation system to reduce potential of stagnant water/water quality issues.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction				2,040,000			2,040,000
Equipment/Furnishings							-
Contingency							-
Totals:	-	-	-	2,040,000	-	-	2,040,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board				2,040,000			2,040,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	-	-	-	2,040,000	-	-	2,040,000

**2017-2022 CAPITAL IMPROVEMENTS PROGRAM
PROJECT DETAIL**

PROJECT TITLE: Wireless SCADA System **PROJECT NO.** 17-WTR-05

DEPARTMENT: Smithfield Water Supply Board

PROJECT LOCATION: System Wide

DESCRIPTION AND JUSTIFICATION

Upgrade existing phone line based telemetry to a licensed radio SCADA (Supervisory Control and Data Acquisition) system. The existing electronics are outdated and has had several malfunctions recently. In addition, the phone line system has been unreliable and can take days to repair when there is a problem. The new system would transmit data via radio signal and eliminate the need for phone lines. In addition, adjustments to the pump stations and tanks could be done remotely and immediately.

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
Land							-
Professional Services							-
Construction	85,000						85,000
Equipment/Furnishings							-
Contingency							-
Totals:	85,000	-	-	-	-	-	85,000

PROPOSED METHOD OF FINANCING

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>Total</u>
General Fund							-
Special Revenue							-
Reserve Fund -							-
General Obligation Bond							-
RI Infrastructure Bank							-
Water Supply Board	85,000						85,000
Sewer Authority							-
Impact Fees							-
State Grant							-
Totals:	85,000	-	-	-	-	-	85,000