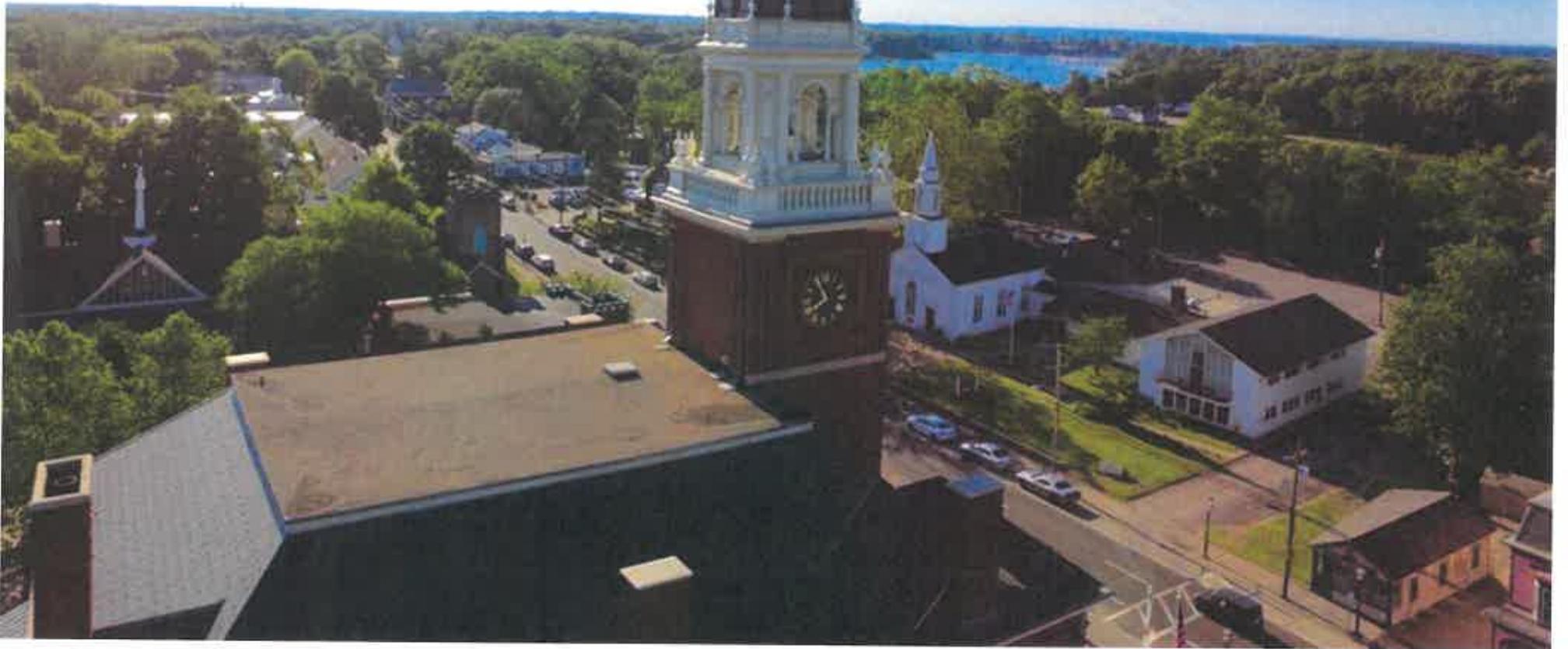


# Budget

## CAPITAL FUNDS 2017-2018



May 12, 2017

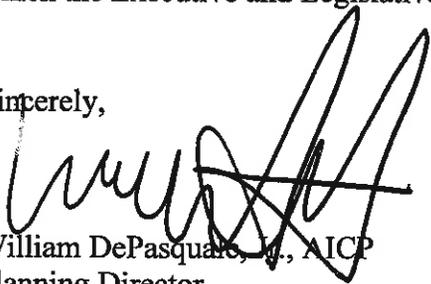
The Honorable Scott Avedisian, Mayor  
The Honorable Members of the City Council  
Warwick City Hall  
3275 Post Road  
Warwick, Rhode Island 02886

Pursuant to Article V, Section II and Article VIII, Section 12 of the Charter of the City of Warwick, adopted in 1960, this annual report on the Capital Improvements Program and Budget for fiscal year 2017-2018 is hereby submitted.

The Program and Budget has been prepared by the Department of City Plan and various departments have cooperated fully in the preparation of this report. An annual re-appraisal of the projects beyond fiscal year 2017-2018 will provide guidelines for the necessity and priority ratings of the different projects.

It is our hope that this annual Capital Expenditure Program and Budget Report will be helpful in providing the framework in which the Executive and Legislative branches of the government can make the necessary policy decisions for public improvements.

Sincerely,



William DePasquale, Jr., AICP  
Planning Director

**CAPITAL IMPROVEMENTS  
PROGRAM AND BUDGET  
2017-2018**

Prepared by the Department of City Plan  
City of Warwick, RI

May 2017

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## **CAPITAL IMPROVEMENTS PROGRAM AND BUDGET**

Fifty-seven years ago, the Department of City Plan transmitted the first Capital Improvements Program and Budget as required by Article V (11) of the City Charter to the Office of the Mayor and to the City Council.

### **A Capital Improvements Program**

A Capital Improvements Program is, in essence, a listing of the priorities of those vitally necessary items of the community within the context of the community's fiscal ability to meet them during a five-year program period. Obviously, such a program cannot be a static program. There must be a yearly re-appraisal of the changing needs of the community and the opportunity to adjust these changes in priority ratings for capital improvements.

In order to do this type of scheduling of capital improvements, a longer period than simply one year is required. A period of at least five years beyond the current fiscal year is required to forecast where the City believes it will face future demands and growth and allow for careful planning and management of capital and infrastructure assets. Capital improvements are projects with long, useful lives that maintain, upgrade or replace public infrastructure and public service providing facilities.

Each year, the City of Warwick produces a CIP, a spending "blueprint" based upon the most current project priorities and needs. Continued investments in infrastructure and facilities are critical to support and enhance neighborhoods, stimulate the economy and improve services.

Planning for capital improvements is an ongoing process. As the City's infrastructure ages and as needs change, capital programs and priorities must be adjusted. New construction may be required to accommodate increased demand or replace aging facilities while existing infrastructure requires periodic rehabilitation, replacement or other improvements to protect the City's previous investments. The CIP is not intended to be an all-inclusive inventory of the City's capital needs for the upcoming five years. It is a document that summarizes planned or needed capital improvements.

### **A Capital Improvements Budget**

A Capital Improvements Budget is the logical tool for implementation of the Capital Improvements Program. It lists the necessary capital improvements and, more importantly, recommends a schedule of when bonds should be issued without impairing the credit posture of the community.

The Capital Improvements Budget differs from the operational budget in that it will cover items that cannot be financed through current City revenue and involves projects of a relatively lasting nature. The benefits to Warwick to be derived from a Capital Improvements Program and Budget are:

- 1) Improvements will be undertaken in the order of their importance to the community.
- 2) Interrelationships of proposed improvements will be recognized and coordination made possible.
- 3) The relationship of the proposed improvements to the operation and maintenance factors of the cost of City government will be indicated.
- 4) Financing of the cost of the proposed improvements can be more advantageously arranged.
- 5) Debt service requirements for the financing of the proposed improvements can be coordinated with the requirements of existing debt and other demands against the revenues of the City.
- 6) Ultimate economy will ensue.

The reasons for adopting the Capital Budget prior to the commencement of the fiscal year are:

- 1) Debt service requirements for the proposed improvements can be coordinated with the requirements of existing debt service requirements and other requirements of revenues of the City.
- 2) Any bond ordinances adopted during the fiscal year may require a special election with its attendant unanticipated expenditures.
- 3) If bonds are issued and payment of principal and interest is required during the fiscal year, it will require further unanticipated amounts clearly not budgeted.



# **ELEMENT I**

## **CITY DEPARTMENTS**

### **PROJECTS AND RECOMMENDATION**

**PUBLIC WORKS**

**PW- 1 Streets and Stormwater**

The maintenance of City streets comprises a large expenditure of the City's budget. This program is a continuous project that involves the overlaying of streets as prioritized by the Engineering Division in concert with the Public Works Director, the Mayor and the City Council. Stormwater improvements are focused on controlling and alleviating flooding, improving water quality and ensuring compliance with Phase II stormwater requirements as administered by the RIPDES program.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000

**POLICE DEPARTMENT**

**P-1 Parking Lot Resurfacing**

The rear asphalt parking lot at Police Headquarters is in need of resurfacing. Since the last proposal, additional erosion of parking area has intensified, which will result in additional, significant repair costs if delayed further. Additionally, drainage is poor, and resurfacing the lot will also address this issue. The lot was last resurfaced in the 1970s. The repaving project should also result in creating some additional parking space that was reduced as a result of the fire construction project. The estimated cost for this project is based on the Department of Public Works constructing the project. This is a phased approach, with the rear lot to be completed first and the front lot to follow in conjunction with building improvements.

Allocation of funds:

Year:	2017-2018	2018-2019
Amount:	\$70,000	\$80,000

**P-2 Police Headquarters Improvements**

Due to security concerns and special limitations, the Police Department foresees the need to construct an addition to the front of the building to create a more secure entrance and to limit vulnerability to potential threats/attacks. This project includes renovations to the front entrance and interior adjustments to the first and second floor office areas. The proposed budget is to contract with an architectural firm for the design, engineering, cost proposals, estimates, and related work.

Specifically, the plan would include re-configurations of the main lobby areas (first and second floors); second floor office space to include administrative lobby, Detectives’ administrative offices and expansion of the Detective work area; improvements to the BPS Conference Room, which has not been renovated since 1976, and the Men’s locker room, to include a new roof and flooring. The roof has a persistent and pervasive leak; the floor needs resurfacing and the bathroom area is in need of plumbing upgrades. The project will also provide for upgrades to the Community Room Air Conditioning unit (\$21,500), which is 40 years old and in need of immediate replacement as it is currently beyond repair and unable to compensate for the seasonal thermal load.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

### **P-3 Police Miscellaneous Improvements Security and Systems**

These projects include installation of motorized security fencing gates for the back parking lot at two locations, the entrance from Court Street and Bragger Street and the entrance from Pleasant Street (Veterans Memorial Drive), in order to provide a more secure environment for Department assets and resources, such as a crime scene van, SWAT units and other specialty vehicles. This project would complete security enhancements for the rear of the building and limit exposure to malicious acts at an estimated cost of \$40,000.

Allocation of funds:

Year:	2017-2018
Amount:	\$40,000

## **FIRE DEPARTMENT**

### **F-1 Fire Station Site and Building Improvements**

These projects include replacement of windows at Stations 2, 5, and 6 (\$40,000) to replace drafty, inefficient windows that are more than 40 years old, the replacement of the furnace at Station 5, original to the building's construction in 1974 (\$40,000). These improvements will result in future energy savings through more efficient replacement systems; and paving of ramps at Stations 1, 2, 3, 4, 5, 6, 8, and 9 (\$75,000), all of which suffer from ramps that have deteriorated and are creating a safety hazard for those on the property and causing damage to apparatus.

#### Allocation of funds:

Year:	2017-2018	2018-2019
Amount:	\$115,000	\$40,000

**F-2 Vehicle Replacement**

The Department's apparatus replacement program was established several years ago to ensure the consistent replacement of the Department's 19-vehicle apparatus fleet. The Department's five-year vehicle replacement plan includes the following vehicle replacement: Engine Replacements (5, 8, 2, 1, 10, and 3: \$2,840,000); Battalion Replacement (2 and 1: \$85,000); Ladder 1 Replacement (\$1,000,000); Rescue Replacement (4 and 2: \$465,000); Special Hazards Replacement (\$675,000).

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$940,000	\$1,230,000	\$950,000	\$955,000	\$990,000

## **LIBRARY**

### **L-1 Creation of Emergency Egress**

The Library's circulation staff workroom was constructed in 1965. At any given time, there can be as many as eight people working in the room, which has inoperable windows and only doors that open into the main library area. In case of fire or other emergency, it is essential that staff have an egress directly to the outside. An emergency stairwell from the second floor shares a wall with the workroom. An opening from the workroom can be connected to the stairwell landing in order to create an exit through an existing door that opens to the outside. The door and frame are estimated at a cost of \$10,000, and outside labor at \$10,000. However, if the Department of Public Works could provide the labor, the project cost would be significantly lower.

#### Allocation of funds:

Year:	2017-2018
Amount:	\$14,500



**L-2 Window Replacement at Branches**

Replace windows in Apponaug (\$23,000), Conimicut (\$11,000) and Norwood (\$28,000) branches. These branches, built in the 1920s, still have original windows. Replacement windows with high-efficiency ratings will reduce heating/cooling costs and create a more comfortable library environment. Some windows must be custom made to fit the non-standard window sizes in some of the branches. Containment of lead paint round the windows during the removal and installation process is also included in the estimate. The proposal is to complete work on one branch each year, beginning with FY2017-18, in order to make the project more financially manageable.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020
Amount:	\$11,000	\$28,000	\$23,000

**SCHOOL DEPARTMENT**

**S-1 Fire Protection**

Fire alarm systems in all schools need to be brought up to 2017 code in order to ensure the safety and well-being of students, staff, and visitors to Warwick’s public schools.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$1,200,000	\$125,000	\$125,000	\$125,000	\$125,000

**S-2 Building Improvements**

The School Department is seeking funds to make repairs and renovations throughout the District, including ACBM ceiling/floor abatement, access control door hardware replacement, toilet partitions, and ADA improvements in all schools, as well as the replacement of roofs at Toll Gate, Winman, Warwick Neck, and Park, and window/door replacement at John Brown Francis, Greenwood, Hoxsie, Lippit, and Oakland Beach elementary schools.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$3,744,381	\$4,444,381	\$2,744,381	\$3,544,381	\$3,494,381

**S-3 Building Mechanical Systems**

The School Department is seeking funding for repair and renovations to mechanical systems throughout the district, including replacement of elevators/lifts, HVAC replacement at Oakland Beach, Park, Warwick Neck and Toll Gate; new kitchen equipment in the elementary schools; new power distribution system; and new emergency generators in Pilgrim, Warwick Veteran's, Toll Gate, and the Career and Technical Center.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$1,889,000	\$1,400,000	\$1,690,000	\$1,425,000	\$1,775,000

**S-4 Site Improvements**

The School Department is seeking funding for repair and renovations throughout the District, and upgrading existing facilities, including paving/parking and drainage work; track resurfacing and field upgrades at Warwick Veteran’s, leveling of soccer and baseball fields and upgrades to the softball field and practice fields at Pilgrim, and removal of old stands and upgrade of existing practice field, including drainage, at Toll Gate. Tie-ins to the municipal sewer system will allow for the elimination of existing individual sewerage disposal systems at facilities where problems have been ongoing, including Warwick Neck, Greene, Gorton, and Warwick Veteran’s.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$630,000	\$375,000	\$380,000	\$325,000	\$250,000

**MANAGEMENT INFORMATION SERVICES**

**MS-1 Generators**

The MIS Department is seeking funding to purchase and install a new generator for City Hall and the Annex, in order to ensure continuity of operations in the event of a power loss. For example, if the data center in the Annex goes down, the City's internet and email capabilities would be interrupted until power is restored.

Allocation of funds:

Year: 2017-2018

Amount: \$210,000

**MS-2 Optical Fiber**

Optical Fiber is to transmit telephone signals, Internet communication, and other signals. Due to much lower attenuation and interference, optical fiber has large advantages over existing copper wire in long-distance and high-demand applications. This funding would allow for a fiber run to various parts of the City.

Allocation of funds:

Year:	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$250,000	\$250,000	\$250,000	\$250,000

# **ELEMENT I**

# **APPENDIX**



**2017 CAPITAL IMPROVEMENT PROGRAM: CITY DEPARTMENTS**

<u>Department Project</u>	<u>2017-2018</u>		<u>2018-2019</u>		<u>2019-2020</u>		<u>2020-2021</u>		<u>2021-2022</u>		<u>2022-2023</u>		<u>Total</u>
	(000's)		(000's)		(000's)		(000's)		(000's)		(000's)		(000's)
<b><u>Public Works</u></b>													
PW-1 Streets and Stormwater	1100	a	1100	a	1100	a	1100	a	1100	a			5500
<b><u>Police Department</u></b>													
P-1 Parking Lot Resurfacing	70	a	80	a									150
P-2 Police Headquarters Improvements	100	a	100	a	100	a	100	a	100	a			500
P-3 Misc. Improvements Security and Systems	40	a											40
<b><u>Fire Department</u></b>													
F-1 Station Site and Building Improvements	115	a	40	a									155
F-2 Vehicle Replacement	940	g	1230	g	950	g	955	g	990	g			5065
<b><u>Library</u></b>													
L-1 Creation of Emergency Egress	15	a											15
L-2 Window Replacement at Branches	11	a	28	a	23	a							62
S-1 Fire Protection	1200	a	125	a	125	a	125	a	125	a			1700
S-2 Building Improvements	3744	a	4444	a	2744	a	3544	a	3494	a			17970
S-3 Building Mechanical Systems	1889	a	1400	a	1690	a	1425	a	1775	a			8179
S-4 Site Improvements	630	a	375	a	380	a	325	a	250	a			1960
<b><u>Management Information Services</u></b>													
MS-1 Generators	210	a											210
MS-2 Optical Fiber			250	a	250	a	250	a	250	a			1000
<b>Total (000's)</b>	<b>10064</b>		<b>9172</b>		<b>7362</b>		<b>7824</b>		<b>8084</b>				<b>42506</b>
<b><u>Funding Sources</u></b>													
A. General Operations	9124		7942		6412		6869		7094				37441
B. Bonds Unissued													
C. Bonds Issued													
D. Future Bond													
E. Fed Grant													
F. State Grant													
G. Lease Purchase/other	940		1230		950		955		990				5065
<b>Total (000's)</b>	<b>10064</b>		<b>9172</b>		<b>7362</b>		<b>7824</b>		<b>8084</b>				<b>42506</b>

## ELEMENT II

*A. Warwick Water Department*

*B. Warwick Sewer Authority*

DEPARTMENT PROJECTS AND RECOMMENDATION

**A. WATER DEPARTMENT**

**W-1 Water Department Capital Improvements and Infrastructure Replacement**

The proposed expenditure of capital funds for the future reflects the upgrade of the existing infrastructure, transmission and distribution systems. Funds will be used to upgrade and expand the existing transmission mains, eliminate dead-ended lines and increase fire protection in conjunction with the state Department of Transportation and Warwick Sewer Authority expansion projects.

Allocation of Funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Amount:	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000

## **WARWICK SEWER AUTHORITY**

### **WSA-1 WWTF Facility Improvements**

Improvements will serve to protect the wastewater treatment facility to the 500-year flood level and meet new effluent permits of 8 mg/l total nitrogen and 0.1 mg/l total phosphorous. The work also includes improvements to the preliminary screening and solids handling process. Benefits include reduced nutrient loading to surrounding waterways and a risk reduction from flooding and catastrophic loss of sewer service.

Allocation of funds:

Year: 2017-2018

Amount: \$300,000

### **WSA-2 WWTF Levee Improvements**

Improvements to the levee will be critical to protecting the infrastructure located at the treatment plant, affording additional protection from riverine flooding to account for the historic March 2010 floods.

Allocation of funds:

Year:	2017-2018
Amount:	\$400,000

**WSA-3 Primary Clarifiers Mechanical Rehab (Contract 95)**

This project involves the complete mechanical rehabilitation of the two existing primary clarifiers. The equipment is past its useful life and has been experiencing mechanical breakdowns of primary treatment equipment on a regular basis. This equipment is critical for permit compliance.

Contract 95 consists of the in-kind replacement of the chains and flights and conveyor mechanism for removing solids as well as monitoring equipment to improve the preventative maintenance program for the WSA's primary clarification process.

Allocation of funds:

Year: 2017-2018

Amount: \$237,000

**WSA-4 O'Donnell Hill Sewer Extension (69A)**

The O'Donnell Hill area wastewater collection system is comprised of 90 residential dwelling units. The WSA has received numerous calls about failing on-site systems in this neighborhood, which includes Wallace Avenue, Adelaide Avenue, Levesque Street, Jambray Court, O'Donnell Avenue and Dongay Avenue. The collection system, consisting of roughly 5,700 linear feet of gravity sewers, will discharge to the Natick pumping station, which connects to the West Warwick Sewer System.

Allocation of funds:

Year:	2017-2018	2018-2019
Amount:	\$1,300,000	\$300,000

**WSA-5 Governor Francis – Phase III (Contract 85B)**

This is the final phase of a three-phase project to provide sewer service to approximately 280 properties in the Governor Francis neighborhood. Area includes the area south of Governor Francis Farms Phase 1, Namquid on the north and Squantum Drive and Apple Tree Lane on the south. Plans and specifications are ready for bidding, and state permits are in place, work ongoing to purchase a lot for the pump station at the end of Lansdowne. Projected to start this year.

Allocation of funds:

Year:	2017-2018	2018-2019
Amount:	\$3,600,000	\$1,500,000



**WSA-6 Northwest Gorton's Pond (Contract 90)**

The Northwest Gorton's Pond area is located west of Big Gorton's Pond and contains approximately 309 residential units. It is estimated that 16,000 linear feet of laterals and 4,000 linear feet of low-pressure force main will be required. This project could be divided into two projects and will require acquisition of land for pump stations.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020
Amount:	\$75,000	\$2,225,000	\$3,700,000

**WSA-7 Bayside (Contract 86/B)**

Project designed for construction of low-pressure sewers to be constructed using directional drilling technology for a portion of the north end of Warwick Neck: south of West Shore Road, east of Narragansett Bay, north of Van Zandt Avenue, along Tidewater Drive and generally east of Hope Avenue. This is Phase 2 of a 5-phase project, which will serve 440 properties. Archaeological studies in order to re-design around the feature and burials still need to be completed. The area includes numerous homes subject to the Cesspool Phaseout. The project will have beneficial impacts to Narragansett Bay, Buckeye Brook, Old Mill Creek and Mill Cove, by reducing pollutant loadings through the elimination of cesspools and/or inadequately operating individual wastewater treatment systems.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020
Amount:	\$8,000,000	\$11,000,000	\$2,000,000

**WSA-8 Cedar Swamp Force Main Rehabilitation (Targeted Segments)**

The force main has structural deficiencies that could result in catastrophic failure. This force main transports wastewater from the Cedar Swamp Pump Station, which services over one-third of the City. This will allow for the replacement/repair of sections of this force main that have been impacted by hydrogen sulfide corrosion, and will have beneficial impacts on Warwick Pond and Buckeye Brook, reducing the likelihood of sanitary sewer overflows into these surface waters.

Allocation of funds:

Year:	2019-2020	2020-2021
Amount:	\$100,000	\$150,000

**WSA-9 Warwick Neck South Sewer Extension**

The Warwick Neck South wastewater collection is comprised of approximately 200 residential dwelling units. The WSA added this to its Facilities Plan due to numerous on-site system failures. Preliminary design consists of a combination of 10,800 linear feet of gravity, 20,900 linear feet of low-pressure sewers and 5,200 linear feet of force main that will discharge into the Anglesea pumping station. Project construction start is slated for 2020.

Allocation of Funds:

Year:	2019-2020	2020-2021	2021-2022
Amount:	\$400,000	\$10,000,000	\$3,000,000

**WSA-10 Strawberry Field Road II**

The project will provide water quality benefits for Tuscatucket Brook and Greenwich Bay, with a projected total cost at \$1,000,000. Streets included in the project are: the western end of Strawberry Field Road, Carney Road, Burgess Drive, Adrian Street, Brentwood Avenue, and Everglade Avenue.

Allocation of Funds:

Year: 2022-2023  
Amount: \$250,000

**WSA-11 Greenwood East (Contract 87A)**

The project area encompasses more than 570 properties southwest of T.F. Green Airport between Post Road and Walnut Glen Drive as well as the neighborhood west of the airport bordered by Post Road and Main Avenue.

Allocation of Funds:

Year: 2022-2023

Amount: \$50,000

**WSA-12 Pilgrim Park**

Design and completion of this project area includes the north side of Centerville Road, approximately 0.5 miles east of Bald Hill Road. The project will provide beneficial impacts to local streams and Greenwich Bay. Projected start date of 2023, with a projected cost of \$4,800,000.

Allocation of Funds:

Year: 2022-2023

Amount: \$25,000

**WSA-13 Miscellaneous (GAPS) Sewer Extensions**

Includes design and construction of multiple short-extensions throughout the City, fill in of low-pressure areas in gravity areas outside of delineated project area.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Amount:	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000



**WSA-14 Replacement of Air Injector Stations**

Project includes the replacement of old technology with more traditional, efficient, and easier-to-maintain equipment.

Allocation of funds:

Year: 2018-2019

Amount: \$750,000

**WSA-15 Warwick Neck Pump Station Capacity Improvements**

The most recent Facilities Plan indicates that anticipated future (2030) flows to this pump station (including reserved capacity for Rocky Point Park and Warwick Neck South areas) will exceed the capacity of the station. The station will need to be upgraded for additional wet well storage and pumping capacity.

Allocation of funds:

Year: 2020-2021

Amount: \$500,000

**WSA-16 Miscellaneous Facility and Process Improvements**

Upgrades/replacements of process equipment focusing primarily on solids removal, repairs to backup grit removal system, new grease/scum removal system, new rotary screen thickener, odor control system for solids handling building, and new skimmer and drive mechanism for (north) final clarifier as well as new BNR membranes/diffusers and a utility/storage garage for O&M equipment

Allocation of funds:

Year:	2018-2019	2019-2020	2020-2021
Amount:	\$500,000	\$500,000	\$500,000

## **ELEMENT II**

## **APPENDIX**

**2017 CAPITAL IMPROVEMENT PROGRAM: WATER AND SEWER**

<u>Department Project</u>	<u>2017-2018</u>	<u>2018-2019</u>	<u>2019-2020</u>	<u>2020-2021</u>	<u>2021-2022</u>	<u>2022-2023</u>	<u>Total</u>
	(000's)	(000's)	(000's)	(000's)	(000's)	(000's)	(000's)
<b>Water Dept.</b>							
W-1 Capital Improvements & Infrastructure *	1500 a/d	1500 a/d	1500 a/d	1500 a/d	1500 a/d		7500
<b>Sewer Authority</b>							
WSA-1 WWTF Facility Improvements	300 c						300
WSA-2 WWTF Levee Improvements	400 c						400
WSA-3 Primary Clarifiers Mech. Rehabilitation	237 c						237
WSA-4 O'Donnell Hill Sewer Extensions	1300 c	300 c					1600
WSA -5 Governor Francis -- Phase III	3600 c	1500 c					5100
WSA-6 Northwest Gorton Pond	75 b	2225 b	3700 b				6000
WSA-7 Bayside Longneadow	8000 c	11000 c	2000 c				21000
WSA-8 Cedar Swamp (Targeted Replacements)			100 d	150 d			250
WSA-9 Warwick Neck South Sewer Extension			400 d	10000 d	3000 d		13400
WSA-10 Strawberry Field Road II						250 d	250
WSA-11 Greenwood East						50 d	50
WSA-12 Pilgrim Park						25 d	25
WSA-13 Misc. GAPS Extensions	200 d	100 d	100 d	100 d	100 d	100 d	700
WSA-14 Replace Air Injector Stations		750 d					750
WSA-15 Warwick Neck Pump Station				500 d			500
WSA-16 Misc. Facility/Process Improvements		500 d	500 d	500 d			1500
<b>Total (000's)</b>	<b>15612</b>	<b>17875</b>	<b>8300</b>	<b>12750</b>	<b>4600</b>	<b>425</b>	<b>59562</b>
<b>Funding Sources</b>							
A. General Operations	750	750	750	750	750		3750
B. Bonds Unissued	75	2225	3700				6000
C. Bonds Issued	13837	12800	2000				28637
D. Future Bond	950	2100	1850	12000	3850	425	21175
E. Fed Grant							
F. State Grant							
G. Lease Purchase/other							
<b>Total (000's)</b>	<b>15612</b>	<b>17875</b>	<b>8300</b>	<b>12750</b>	<b>4600</b>	<b>425</b>	<b>59562</b>

# **ELEMENT III**

## **FINANCIAL ANALYSIS**

### III. FINANCIAL ANALYSIS

The financial data upon which this Capital Improvements Program is based is discussed in the following pages. Explanation of the City's current debt obligations and a review of its expenditures and revenues are as follows.

#### EXPENDITURES

In order to provide background information on the City of Warwick's ability to undertake additional capital improvements financing, the history of City expenditures and revenues is examined in this chapter. The expenditures shown are categorized by expense type.

#### EXECUTIVE AND ADMINISTRATION

This program includes the departments of Executive, Legislative and Financial Management, and represents approximately 4.9% of the total budget. Included in executive and administration is principal and interest expenses related to debt service. Debt service represents approximately 2.8% of the City budget in fiscal year 2018.

	<i>Executive and Administration</i>	<i>Percent of Budget</i>	<i>Debt Service</i>	<i>Percent of Budget</i>
<b><i>Fiscal Year 2017</i></b>	\$15,240,700	5.1%	\$8,824,379	2.95%
<b><i>Fiscal Year 2018</i></b>	\$15,265,644	4.9%	\$8,679,736	2.8%

#### PUBLIC SAFETY

Public Safety program includes the departments of Police, Fire, Civil Preparedness, Building Inspection and Minimum Housing. These appropriations represent approximately 14.5% of the total city budget.

	<i>Public Safety Budget</i>	<i>Percent of Budget</i>
<b><i>Fiscal Year 2017</i></b>	\$43,148,746	14.4%
<b><i>Fiscal Year 2018</i></b>	\$45,158,978	14.6%

**SOCIAL SERVICES**

Parks and Recreation, Library, and Human Services are included in this category and represent approximately 2.1% of the total budget.

<i>Social Services</i>		
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2017</i>	\$5,871,912	2.0%
<i>Fiscal Year 2018</i>	\$6,382,065	2.1%

**PHYSICAL RESOURCES**

This program consists of Planning, Community and Economic Development, and Public Works. This program represents approximately 5.2% of the total city budget.

<i>Physical Resources</i>		
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2017</i>	\$15,226,832	5.1%
<i>Fiscal Year 2018</i>	\$16,244,407	5.2%

**EMPLOYEE BENEFITS**

Fringe Benefits such as health care insurance, FICA, life insurance, pension expense for municipal employees, and worker’s compensation are included in this category. These appropriations represent approximately 20.0% of the total budget.

<i>Employee Benefits</i>		
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2017</i>	\$58,104,645	19.5%
<i>Fiscal Year 2018</i>	\$62,162,084	20.0%



**SCHOOL DEPARTMENT**

The school budget represents the required budget to operate the City of Warwick’s School System. This budget represents approximately 53.2% of the total budget.

	<i>School Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2017</i>	\$161,135,284	53.9%
<i>Fiscal Year 2018</i>	\$165,238,442	53.2%

**REVENUES**

Revenues received by the City by major sources are recorded below.

**PROPERTY TAX**

In Fiscal Year 2017 the tax base as of December 31, 2015 was \$9,767,709,331. The estimated Fiscal Year 2018 tax base as of December 31, 2016 is \$9,739,830,524.

	<i>FY 2017</i> <i>Valuation Date</i> <i>December 31, 2015</i> <i>(\$000,000)</i>	<i>FY 2018</i> <i>(Estimated)</i> <i>Valuation Date</i> <i>December 31, 2016</i> <i>(\$000,000)</i>
<i>Residential</i>	\$5,998.2	\$6,010.3
<i>Commercial</i>	\$2,239.8	\$2,216.5
<i>Tangible</i>	\$525.4	\$519.8
<i>Motor Vehicles</i>	\$916.5	\$904.7

Figures are at gross assessed valuation. Property Taxes represent approximately 75.3% of the total budget.

	<i>Property Taxes</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2017</i>	\$226,606,952	75.9%
<i>Fiscal Year 2018</i>	\$233,739,397	75.3%

**STATE AND FEDERAL AID**

	<i>State &amp; Federal Aid</i>	<i>Percent of Budget</i>
<b><i>Fiscal Year 2017</i></b>	\$46,393,884	15.5%
<b><i>Fiscal Year 2018</i></b>	\$47,204,867	15.2%

**LICENSES & FEES, ENTERPRISE TRANSFERS, AND ALL OTHER**

These accounts represent 8.5% of the City’s budgeted revenue. They include Municipal Court, billing for rescue services, enterprise transfers, hotel tax, fund balance drawdown, and interest on investments and taxes.

	<i>Licenses &amp; Fees, Enterprise Transfers &amp; Other</i>	<i>Percent of Budget</i>
<b><i>Fiscal Year 2017</i></b>	\$25,727,282	8.6%
<b><i>Fiscal Year 2018</i></b>	\$26,507,356	8.5%

**FUND BALANCE DRAWDOWN**

	<i>Fund Balance Drawdown</i>	<i>Percent of Budget</i>
<b><i>Fiscal Year 2017</i></b>	\$0	0%
<b><i>Fiscal Year 2018</i></b>	\$3,000,000	1.0%