

City of Warwick

Capital Fund 2015-2016



Scott Avedisian, Mayor

ON THE COVER: Several agencies that have played a vital role in our community are celebrating their 50th anniversaries – collectively, 250 years of dedication to the people of Warwick and Rhode Island.

(Clockwise from top left) With its main branch on Sandy Lane, and branches in Apponaug, Conimicut, and Norwood, the **Warwick Public Library** is a vibrant community center that serves nearly half-a-million people annually. The library is a leader in technology and service in Rhode Island, and it is renowned for its children's, teen, and adult programs, computer resources, and book and media collections.

The **J. Arthur Trudeau Memorial Center** was born out of a necessity and belief that people with disabilities should be allowed full citizenship within their own communities. Arthur and Evelyn Trudeau, along with a team of tireless supporters, sought to create services such as special education, recreation, and vocational training. Today, the center offers a comprehensive array of services, fulfilling its mission to promote an enhanced quality of life for individuals with developmental disabilities.

Created by Governor John Chafee and the Rhode Island General Assembly, the **Rhode Island Public Transit Authority** has significantly expanded public transportation options throughout Rhode Island, operating more than 2,800 daily trips on 55 routes throughout the state. Last year, RIPTA provided 20.5 million rides. The Authority continues its efforts to reinvent transit in our state to provide visitors with cost-effective, efficient, and customer-friendly service, with a strong focus on using environmentally-friendly products and technology.

Since its inception, **Gaspee Days** has been a beloved community celebration to commemorate the burning of the British schooner *HMS Gaspee* in 1772. Known as "The First Blow for Freedom," the event is considered the precursor of the many acts of rebellion that culminated in the Revolutionary War and the founding of our nation. Gaspee Day Committee members work year-round to plan and fundraise for the series of events that take place in May and June in and around historic Pawtuxet Village. The annual parade down Narragansett Parkway remains a perennial favorite, drawing thousands of spectators each year.

Under the leadership of Governor John Chafee and the Board of Trustees of State Colleges Chairwoman Lila Sapinsley, **The Community College of Rhode Island** was created. It is the largest public, two-year, degree granting collect in New England, offering educational opportunities, including a variety of career, technical, and academic programs, for all Rhode Islanders. Its Knight Campus, in the western section of Warwick, opened in September 1972, and now consists of 205 acres, including 80 acres that was donated by Royal W. Knight in 1964.

Mayor Scott Avedisian joins the citizens of Warwick and residents throughout Rhode Island in congratulating these organizations, their employees and volunteers on this milestone and thanking them for enriching and strengthening the fabric of our community for the past half century.

*Cover design by Angela Myatt, department of Tourism, Culture, and Development.
Many thanks to the organizations for providing logos and photos for this year's cover.*



May 13, 2015

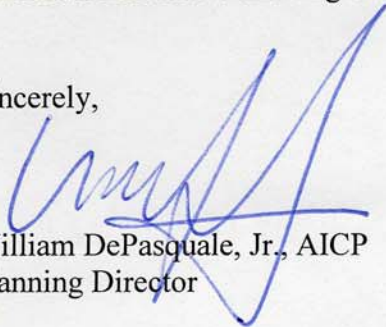
Honorable Scott Avedisian, Mayor
The Honorable Members of the City Council
Warwick City Hall
Warwick, RI 02886

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 2015-2016 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 2015-2016 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,

A handwritten signature in blue ink, appearing to read 'William DePasquale, Jr.', is written over the typed name and title.

William DePasquale, Jr., AICP
Planning Director

**CAPITAL IMPROVEMENTS
PROGRAM AND BUDGET
2015-2016**

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

May 2015

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CAPITAL IMPROVEMENTS PROGRAM AND BUDGET

Fifty-five 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

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.

Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Amount:	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000

PW-2 City Hall Exterior Restoration

A survey of the City Hall exterior shows that the west elevation is in the most deteriorated condition and should be considered a priority for repairs. There is a substantial amount of spalling brick, especially at the chimney level that is in need of replacement.

Allocation of funds:

Year: 2016-2017

Amount: \$200,000

POLICE DEPARTMENT

P-1 Parking Lot Resurfacing

The front and rear asphalt parking lots at police headquarters are in need of resurfacing. Since the last proposal, additional erosion of parking areas has intensified, which will result in additional, significant repair costs if delayed further. The lot was last resurfaced in the 1970's. 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:	2015-2016	2017-2018
Amount:	\$70,000	\$70,000

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 floor); second floor office space to include: administrative lobby, Detectives’ administrative offices and expansion of the Detective work area.

Allocation of funds:

Year: 2018-2019
Amount: \$200,000

FIRE DEPARTMENT

F-1 Potowomut Fire Station

Completion of construction of a new Fire Station at the former Potowomut School site. This station eliminates the need to contract with the East Greenwich Fire District, which currently provides some emergency response to this area.

Allocation of funds:

Year:	2015-2016
Amount	\$1,626,520

F-2 Fire Station Improvements

Replacement of roofs at Stations 3, 9, 6 & 5 (\$150,000); Replacement of heating system at Stations 4, 6, and 9 (\$108,000); CAD Dispatch System (\$80,000).

Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Amount	\$80,000	\$73,500	\$73,500	\$73,500	\$37,500

F-3 Equipment

Vehicle Replacement: Trucks, Staff Vehicles, and Fire Prevention Vehicles.

Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Amount	\$1,530,000	\$160,000	\$761,000	\$706,000	\$670,000	\$670,000

LIBRARY

L-1 Building Improvements:

Complete carpet replacement (\$120,810) of public areas in the main library main section – stack section. Replace windows in Apponaug (\$23,000), Conimicut (\$11,000), and Norwood (\$28,000) Branch Libraries. 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.

Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019
Amount:	\$120,810	\$23,000	\$11,000	\$28,000

SCHOOL DEPARTMENT

S-1 Fire Protection

Fire Alarms - Toll Gate: The existing fire alarm system has been cited by the Warwick Superintendent of Fire Alarms as in need of replacement.

Allocation of funds:

Year: 2018-2019

Amount: \$433,797

S-2 Building Improvements

The School Department is seeking a bond issuance for the repair and renovation of various schools throughout the City as well as upgrading existing facilities. Projects included in this category include security enhancements, roof replacements, ACBM abatement, stage floor replacements, facility handicap accessibility and stage curtain replacements.

Allocation of funds:

Year:	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Amount:	\$5,611,048	\$927,578	\$1,528,405	\$1,660,358	\$47,932

S-3 Building Mechanical Systems

The School Department is seeking a bond issuance for the repair and renovation of various schools throughout the City as well as upgrading existing facilities. Projects included in this category include dust filter replacements (shops), steam systems, elevator improvements, lighting improvements, emergency generators, intercom systems, coolers, refrigerator, and boiler replacements.

Allocation of funds:

Year:	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Amount:	\$1,115,000	\$1,109,600	\$1,313,000	\$1,117,000	\$127,752

S-4 Site Improvements

The School Department is seeking a bond issuance for the repair and renovation of various schools throughout the City as well as upgrading existing facilities. Projects included in this category include sewer connections; paving improvements; curb work; and athletic track resurfacing.

Allocation of funds:

Year:	2017-2018	2018-2019	2019-2020	2020-2021
Amount:	\$299,000	\$183,763	\$247,245	\$349,628

MANAGEMENT INFORMATION SERVICES

MS-1 Geographic Information System

A Geographic Information System (GIS) integrates hardware, software, and data for capturing, managing, analyzing, and displaying all forms of geographically-referenced information. The City’s digital parcel database is over 14 years old and in need of updating. Additionally, there is an institutional need for the City to implement a GIS to improve operational efficiencies and to better serve the public by providing access to digital data layers that can be distributed online.

Allocation of funds: 1

Year:	2015-2016	2016-2017	2017-2018	2018-2019
Amount:	\$25,000*	\$25,000*	\$25,000	\$25,000

*partially subject to grant funding

MS-2 Phone System

Replacement of the City’s phone system through implementation of a converged voice/data network.

This project is an attempt to implement a new integrated Citywide Voice/IP telephone system to replace the City’s existing AT&T Definity PBX, Verizon Centrix, COMDIAL, and Warwick Public Library telephone systems with a single, fully integrated and feature rich telephone system. In addition, the City’s 15 year old AT&T PBX telephone system has been experiencing failures since September 2000, and the replacement parts are no longer manufactured.

Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018
Amount:	\$300,000	\$300,000	\$200,000

ELEMENT I

APPENDIX

2015 CAPITAL IMPROVEMENT PROGRAM: CITY DEPARTMENTS													
<u>Department Project</u>	<u>2015-2016</u> (000's)		<u>2016-2017</u> (000's)		<u>2017-2018</u> (000's)		<u>2018-2019</u> (000's)		<u>2019-2020</u> (000's)		<u>2020-2021</u> (000's)		<u>Total</u> (000's)
<u>Public Works</u>													
PW-1 Street Improvements	1000	a	1000	a	1000	a	1000	a	1000	a			5000
PW-2 City Hall Exterior Restoration			200	a,e									200
<u>Police Department</u>													
P-1 Parking Lot Resurfacing	70	a			70	a							140
P-2 Headquarters Improvements							200	d					200
<u>Fire Department</u>													
F-1 Potowomut Fire Station	1627	c											1627
F-2 Station Improvements	80	a,e	74	a	74	a	74	a	38	a			340
F-3 Equipment	1530	g	160	g	761	g	706	g	670	g	670	g	4497
<u>Library</u>													
Building Improvements	121	a	23	a	11	a	28	a					183
<u>School Department</u>													
S-1 Fire Code Improvements							434	b					434
S-2 Building Improvements			5611	b	928	b	1528	b	1660	b	48	b	9775
S-3 Building Mechanical Systems			1115	b	1109	b	1313	b	1117	b	128	b	4782
S-4 Site Improvements					299	b	184	b	247	b	350	b	1080
<u>MIS</u>													
MS-1 Geographic Information System	25	a,e	25	a	25	a	25	a					100
MS-2 Phone System	300	g	300	g	200	g							800
Total (000's)	4753		8508		4477		5492		4732		1196		29158

*City of Warwick, Rhode Island
2015-2016 Capital Improvements Program and Budget*

Total (000's)	4753	8508	4477	5492	4732	1196	29158
<u>Funding Sources</u>							
A. General Operations	1296	1297	1155	1102	1038		5888
B. Bonds Unissued		6726	2336	3459	3024	526	16071
C. Bonds Issued	1627						1627
D. Future Bond				200			200
E. Fed Grant		25	25	25			75
F. State Grant							0
G. Lease Purchase/other	1830	460	961	706	670	670	5297
Total (000's)	4753	8508	4477	5492	4732	1196	29158

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 and/or distribution system, including the elimination of dead-ended lines and increased fire protection in conjunction with state and local road/wastewater projects.

Allocation of Funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Amount:	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000

B. WARWICK SEWER AUTHORITY

WSA-1 WWTF Facility Improvements

Improvements to protect the wastewater treatment facility to the 500-year flood level and meet new effluent permit limits of 8 mg/l total nitrogen and 0.1mg/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:	2015-2016	2016-2017
Amount:	\$9,500,000	\$2,200,000

WSA-2 Main Influent Sewer Rehabilitation

Rehabilitate original (circa 1965) main influent pipe. Televised inspection has revealed some deterioration issues that must be addressed. Proposed project will reduce potential for main influent pipe failure; such failure would result in sanitary sewer overflows. Project is considered critical infrastructure.

Allocation of funds:

Year: 2015-2016
Amount: \$830,000

WSA-3 Governor Francis – Phase III (Contract 85B)

Phase III of three-phase project providing sewers to the Governor Francis neighborhood. This project will provide sewer service to approximately 280 properties. Area includes the area south of Governor Francis Farms Phase I, Namquid on the north and Squantum and Apple Tree Lane on the south. Collection system is 90% designed; need to acquire property for pumping station and complete station design and archaeological study on PS lot.

Allocation of funds:

Year:	2015-2016	2016-2017
Amount:	\$3,200,000	\$1,750,000

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 receives numerous calls about failing on-site systems in this neighborhood. Streets include Wallace Avenue, Adelaide Avenue, Levesque Street, Jambray Court, O'Donnell Avenue and Dongay Avenue. The collection system (consisting of approximately 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:	2015-2016	2016-2017	2017-2018
Amount:	\$300,000	\$1,280,000	\$400,000

WSA-5 Cedar Swamp Force Main Improvement (Phase I & II) & Interceptor/Pump Station

The force main has structural deficiencies that could result in catastrophic failure. Potential for replacement of 10,460 feet of force main, including manholes and air release valves. This force main transports wastewater from the Cedar Swamp Pump Station which services over 1/3 of the City. This will have beneficial impacts on Warwick Pond and Buckeye Brook. This project will reduce the likelihood of sanitary sewer overflows.

Allocation of funds:

Year:	2015-2016	2016-2017
Amount:	\$974,000	\$2,500,000

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:	2015-2016	2016-2017	2017-2018
Amount:	\$1,000,000	\$3,700,000	\$300,000

WSA-7 Bayside/Longmeadow-I (Contract 86A)

Design and construction of sewers 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. Beneficial impacts to Narragansett Bay, Buckeye Brook, Old Mill Creek and Mill Cove. The project will serve 440 properties. Need to complete archaeological studies for the main interceptor on Tidewater Drive as well as other areas in order to re-design around the feature and burials. Need to acquire land for pumping station and to design sewer crossing over Mill Creek Bridge.

Allocation of funds:

Year:	2015-2016	2016-2017
Amount:	\$2,100,000	\$200,000

WSA-8 Bayside/Longmeadow-II (Contract 86B)

Phase 2 of a 5-phase project. Topography in this region is varied, making centralized wastewater collection difficult. Pumping is required to convey wastewater away from the lower elevations adjacent to the coast and the many inland waterways. In addition, there are numerous significant archaeological issues which will need to be addressed as part of the project design. This project will provide sewer service to approximately 370 properties. Project area is generally the north end of Warwick Neck and south of Van Zandt Avenue, generally around the eastern end of Samuel Gorton Avenue and north of Alden Avenue. Need to complete subsurface borings and acquire pump station land; also need to complete archaeological study of PS lot.

Allocation of funds:

Year:	2016-2017	2017-2018
Amount:	\$2,600,000	\$15,200,000

WSA-9 Warwick Neck South Sewer Extension

The Warwick Neck South wastewater collection is comprised of approximately 200 residential dwelling units. The WSA recently 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 Angelsea pumping station. Projected construction start date 2020.

Allocation of funds:

Year:	2018-2019	2019-2020	2020-2021
Amount:	\$400,000	\$5,000,000	\$12,400,000

WSA-10 Strawberry Field Road II

Project includes the following streets: the western end of Strawberry Field Road, Carney Road, Burgess Drive, Adrian Street, Brentwood Avenue and Everglade Avenue. The project will provide water quality benefits for Tuscatucket Brook and Greenwich Bay. Projected start date is 2021, with a projected total cost at \$1,000,000.

Allocation of funds:

Year: 2020-2021
Amount: \$50,000

WSA-11 Greenwood East

Project area includes over 570 properties southwest of T.F. Green Airport between Post Road and Walnut Glen Drive and also the neighborhood west of the airport bordered by Post Road and Main Avenue.

Allocation of funds:

Year: 2020-2021
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 at \$4,800,000.

Allocation of funds:

Year: 2020-2021
Amount: \$25,000

WSA-13 Miscellaneous (GAPS) Sewer Extensions

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:	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Amount:	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

WSA-14 Capital Improvement Projects

Category includes: pumping station upgrades; collection system support/improvements, facility upgrades, vehicle replacement program, technology upgrades, and utility billing systems.

Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Amount:	\$550,000	\$550,000	\$730,000	\$670,000	\$375,000	\$340,000

ELEMENT II

APPENDIX

2015 CAPITAL IMPROVEMENT PROGRAM: WATER AND SEWER								
<u>Department Project</u>	<u>2015-2016</u> (000's)	<u>2016-2017</u> (000's)	<u>2017-2018</u> (000's)	<u>2018-2019</u> (000's)	<u>2019-2020</u> (000's)	<u>2020-2021</u> (000's)	<u>Total</u> (000's)	
<u>Water Dept.</u>								
W-1 Capital Improvements & Infrastructure	600 a	600 a	600 a	600 a	600 a	600 a	600 a	3600
<u>Sewer Authority</u>								
WSA-1 WWTF Improvements	9500 c	2200 b						11700
WSA-2 Main Rehabilitation	830 c							830
WSA-3 Governor Francis III	3200 c	1750 b						4950
WSA-4 O'Donnell Hill Extension	300 c	1280 b	400 b					1980
WSA-5 Cedar Swamp	974 c	2500 b						3474
WSA-6 Northwest Gortons Pond	1000 c	3700 b	300 b					5000
WSA-7 Bayside Longmeadow	2100 c	200 b						2300
WSA-8 Bayside Longmeadow II		2600 b	15200 b					17800
WSA-9 Warwick Neck South				400 b	5000 b	12400 b		17800
WSA-10 Strawberry Field Road II						50 b		50
WSA-11 Greenwood East						50 b		50
WSA-12 Pilgrim Park						25 b		25
WSA-13 GAPS Extension	200 a	100 a	100 a	100 a	100 a	100 a	100 a	700
WSA-14 Capital Improvements	550 a	550 a	730 a	670 a	375 a	340 a	340 a	3215
Total (000's)	19254	15480	17330	1770	6075	13565	73474	

*City of Warwick, Rhode Island
2015-2016 Capital Improvements Program and Budget*

Funding Sources	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total
A. General Operations	750	1250	1430	1370	1075	1040	6915
B. Bonds Unissued		14230	15900	400	5000	12525	48055
C. Bonds Issued	18504						18504
D. Future Bond							0
E. Fed Grant							0
F. State Grant							
G. Lease Purchase/other							
Total (000's)	19254	15480	17330	1770	6075	13565	73474

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 5.0% 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 2016.

	<i>Executive and Administration</i>	<i>Percent of Budget</i>	<i>Debt Service</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$14,889,507	5.2%	\$8,662,337	3.0%
<i>Fiscal Year 2016</i>	\$14,561,667	5.0%	\$8,115,777	2.8%

PUBLIC SAFETY

Public Safety program includes the departments of Police, Fire, Civil Preparedness, Building Inspection and Minimum Housing. These appropriations represent approximately 14.0% of the total city budget.

	<i>Public Safety</i>	
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$40,448,057	14.0%
<i>Fiscal Year 2016</i>	\$41,070,302	14.0%

SOCIAL SERVICES

Parks and Recreation, Library, and Human Services are included in this category and represent approximately 1.9% of the total budget.

	<i>Social Services</i>	
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$5,443,778	1.9%
<i>Fiscal Year 2016</i>	\$5,643,003	1.9%

PHYSICAL RESOURCES

This program consists of Planning, Community and Economic Development, and Public Works. This program represents approximately 5.1% of the total city budget.

	<i>Physical Resources</i>	
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$14,547,663	5.0%
<i>Fiscal Year 2016</i>	\$14,983,930	5.1%

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 19.8% of the total budget.

	<i>Employee Benefits</i>	
	<i>Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$55,007,474	19.0%
<i>Fiscal Year 2016</i>	\$58,259,350	19.8%

SCHOOL DEPARTMENT

The school budget represents the required budget to operate the City of Warwick’s School System. This budget represents approximately 54.3% of the total budget.

	<i>School Budget</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$158,872,256	54.9%
<i>Fiscal Year 2016</i>	\$159,530,000	54.3%

REVENUES

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

PROPERTY TAX

In Fiscal Year 2015 the tax base as of December 31, 2013 was \$9,329,623,562. The estimated Fiscal Year 2016 tax base as of December 31, 2014 is \$9,337,322,813.

	FY 2015 <i>Valuation Date</i> <i>December 31, 2013</i> <i>(\$000,000)</i>	FY 2016 <i>(Estimated)</i> <i>Valuation Date</i> <i>December 31, 2014</i> <i>(\$000,000)</i>
<i>Residential</i>	\$5,690.0	\$5,704.6
<i>Commercial</i>	\$2,243.1	\$2,211.7
<i>Tangible</i>	\$533.7	\$550.1
<i>Motor Vehicles</i>	\$862.8	\$870.9

Figures are at gross assessed valuation. Property Taxes represent approximately 75.5% of the total budget.

	<i>Property Taxes</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$217,222,237	75.1%
<i>Fiscal Year 2016</i>	\$221,900,051	75.5%

STATE AND FEDERAL AID

	<i>State & Federal Aid</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$44,810,001	15.5%
<i>Fiscal Year 2016</i>	\$44,952,442	15.3%

LICENSES & FEES, ENTERPRISE TRANSFERS, AND ALL OTHER

These accounts represent 8.2% 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 & Fees, Enterprise Transfers & Other</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$23,576,497	8.2%
<i>Fiscal Year 2016</i>	\$24,195,759	8.2%

FUND BALANCE DRAWDOWN

	<i>Fund Balance Drawdown</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2015</i>	\$3,600,000	1.2%
<i>Fiscal Year 2016</i>	\$3,000,000	1.0%