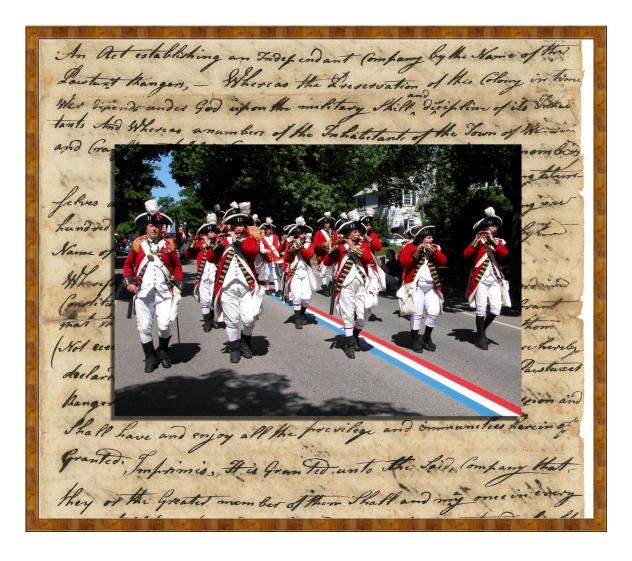
# City of Warwick Capital Fund 2013-2014



**ON THE COVER:** The Pawtuxet Rangers, or Second Independent Company for the County of Kent, were chartered by the Colony of Rhode Island and Providence Plantations on October 29, 1774, to protect the village of Pawtuxet, a thriving commerce seaport and fishing village. Today they are among the oldest existing chartered commands in the country, and still operate under their existing charter. They are among the most active of Rhode Island's militia groups and are one of only four fife and drum corps in the United States that are part of an actual military organization.

Although their original charter was issued in 1774, the Rangers had not owned anything dating to their Colonial existence. Late last year, by chance, they learned that a copy of the Charter, made by Company Clerk John Waterman, Jr., between 1777 and 1778, was to be auctioned. The Rangers quickly made a plan to purchase the document, which is presently being preserved and framed for continuous display in their home in historic Pawtuxet Village. A community fundraiser has offset the costs of the purchase.

The Rangers are constantly sought for participation in a wide variety of parades and public appearances, and are a favorite at the annual Gaspee Days, a two-month series of events that commemorate the nation's "First Blow for Freedom," when, in 1772, eight longboats traveled down the Narragansett River under cover of darkness to burn the British schooner, the *HMS Gaspee*, which lay grounded off Namquid Point in Warwick.

**Photos:** Rangers at Gaspee Day parade courtesy of the City of Warwick Department of Tourism, Culture, & Development; Charter courtesy of Pawtuxet Rangers, Colonel Ron Barnes



May 10, 2013

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 2013-2014 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 2013-2014 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 De<del>Pas Juale, Jr.,</del> AICI

Planning Director

# CAPITAL IMPROVEMENTS PROGRAM AND BUDGET 2013-2014

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

#### TABLE OF CONTENTS

	Page
Introduction	
Capital Improvements Program and Budget	1
ELEMENT I. <u>CITY DEPARTMENTS</u>	4
Public Works	
PW-1 Streets	
PW-2 Roof Replacement & Repair	
PW-3 Municipal Building Improvements	7
Parks and Recreation Department	
R-1 McDermott Locker Rooms and Door Replacements	8
R-2 Thayer Bleachers	9
Police Department	
P-1 Parking Lot Resurfacing and Building Mechanicals	10
Fire Department	
F-1 Potowomut Fire Station	11
F-2 Fire Station Improvements	
<u>Library</u>	
L-1 No Submission	13
School Department	
S-1 Fire Code Improvements	14
S-2 Building Improvements	
S-3 Building Mechanical Systems Improvements	
S-4 Site Improvements	
<u>MIS</u>	
MS-1 GIS	18
ELEMENT I Appendix	19
TI	

ELEMENT II. WATER DEPARTMENT and WARWICK SEWER AUTHORITY	21
A. Water Department W-1 Capital Improvements and Infrastructure Improvements	22
B. Warwick Sewer Authority	
WSA-1 Governor Francis Phase III	23
WSA-2 Bayside/Longmeadow I	24
WSA-3 Bayside/Longmeadow II	25
WSA-4 Bayside/Longmeadow III	26
WSA-5 Miscellaneous (GAPS) Sewer Extensions	27
WSA-6 O'Donnell Hill Extension	28
WSA-7 Northwest Gorton's Pond	
WSA-8 WWTF Upgrade for Phosphorous Removal	30
WSA-9 Flood Protection Improvements at WWTF	
WSA-10 Bellows Street Pump Station	
WSA-11 Miscellaneous Capital Projects	
WSA-12 Main Influent Pipe Reinforcement	34
ELEMENT II Appendix	35
ELEMENT III FINANCIAL ANALYISIS	37

#### **CAPITAL IMPROVEMENTS**

#### PROGRAM AND BUDGET

Fifty-three 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 determine realistically on the one hand what Warwick can afford and on the other hand what Warwick essentially needs.

#### 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.

Page 3 of 42

## 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: 2013-2014 2014-2015 2015-2016 2016-2017 2017-2018

Amount: \$400,000 \$500,000 \$500,000 \$500,000

#### PW-2 Roof Replacement & Repair

Roof Replacement for the DPW Administration Building and portion of the City Hall Annex Building (area of flat roof surface of former Fire Station No. 1).

Allocation of funds:

Year:

2013-2014

Amount:

\$70,000

#### PW-3 Municipal Building Improvements

The City of Warwick is under a deadline to complete the final phases of is fire code safety improvements for city buildings.

2014-2015

The City Hall Bell Tower is also in need of substantial repairs and the City has received approximately \$400,000 in Federal and State of Rhode Island grant funding to assist in the completion this project. Federal funding consists of \$350,000 from the Department of the Interior "Save America's Treasures Grant Program" and State funding consists of \$50,000 from the Rhode Island Historic Preservation Commission "Preservation Grant Program."

The remaining funds would originate from the 2006 City Building Bond.

Allocation of funds:

Year: 2013-2014

Amount: \$1,750,000 \$1,750,000

#### PARKS AND RECREATION DEPARTMENT

#### R-1 Redesign McDermott Locker Rooms and Door Replacement

Presently at McDermott Pool (built over 35 years ago) there are two very small locker rooms that handle over 150,000 visits per year and with the new warm water pool, these numbers will increase. There is no dehumidification system in the building. This condition can cause a major condensation problem in the whole building, particularly in the two locker rooms. DPW will be constructing inhouse renovations during the current fiscal year. The foyer is not functionally efficient from an entrance/exit safety viewpoint and the main entrance actually adds to the condensation problem. This project will address and rectify the condensation issue, locker and foyer issues as well as creating a new warm-up classroom. A splash park will offer more aquatic opportunities to all age groups and will require no lifeguard supervision. Additionally 19 overhead doors and 6 other doors are in need of replacement with insulated aluminum storm doors. The existing doors are over 40-years old and un-useable.

Allocation of Funds:

Year:

2015-2016

2016-2017

Amount:

\$250,000

\$165,000

#### R-2 Thayer Arena Bleachers

Thayer Arena is in need of 4 new sets of bleachers. This would help secure Regional tournaments and competitions for Hockey and Figure Skating (revenue for economy). Bleachers presently have no defined exit walk way just seats that you walk on top and only 1 set has provides a handicap seating area.

Three of the existing bleacher sets are 35 years old with the fourth set being 18 years old. New bleachers are needed to meet ADA requirements and to conform to current building code requirements.

Allocation of Funds:

Year:

2016-2017

Amount:

\$320,000

#### **POLICE DEPARTMENT**

#### P-1 Parking Lot Resurfacing and Building Mechanical Replacement (RTU)

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 repaying 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.

RTU (roof top ac unit) at WPD for community room and prosecution (\$30,000.00). This unit went down last year and no monies were set aside in anticipation of its failure. The replacement would be closer to \$50,000.00 but it has been reengineered for a better more economical unit at a substantial cost savings.

Allocation of funds:

Year:

2014-2015

Amount:

\$105,000

#### **FIRE DEPARTMENT**

#### F-1 Potowomut Fire Station

This project would construct a new fire station in the Potowomut section of the City to provide better service and increase public safety. This station would also eliminate the need to contract with the East Greenwich Fire District who currently provides some emergency response to this area. It is the opinion of the Fire Department that it is in the best interest of public safety to construct a city operated fire station for this area. This facility could also house a community room and a police substation.

Allocation of funds:

Year:

2013-2014

2014-2015

Amount

\$1,000,000

\$1,000,000

#### F-2 Fire Station Improvements

Replacement of Fire Alarm roof (\$5,000); Replacement of windows at Station 9 (\$10,000); Replacement of roof and windows at Station 4 (\$50,000); Paving of ramps at Stations 2, 4 and 5 (\$50,000) Replacement of heating system at Station 2 (\$35,000); Replacement of windows and roof at Station 2 (\$70,000); Replacement of heating system at Station 5 (\$35,000); Replacement of windows and roof at Station 5 (\$60,000).

#### Allocation of funds:

Year:	2013-2014	2014-2015	2015-2016

Amount \$45,000 \$150,000 \$120,000

### $\underline{\textbf{LIBRARY}}$

No Capital Improvement Projects

Page 13 of 42

#### **SCHOOL DEPARTMENT**

#### **S-1** Fire Code 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 to be in compliance with new fire codes based on an in-depth survey conducted at each school to determine compliance with the 2004 adoption of the State Fire Code. Approximately 56% of the project is for the correction of Fire Code violations. The School Department is currently operating under a time variance from the State Fire Code Board of Appeals. Construction is limited to June-August to minimize classroom disturbance. Common items include the protection of means of egress components, detection systems, construction systems and fire ratings. The RI Fire Code Board of Appeals issued a mandate to have certain improvements completed by Fall of 2014.

Allocation of funds:

Year:

2013-2014

2014-2015

Amount:

\$2,970,492

\$3,395,541

#### 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:	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Amount:	\$810,973	\$2.646.354	\$1.618.985	\$136.991	\$739.750

#### 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, cooler, refrigerator and boiler replacements.

#### Allocation of funds:

Year:	2015-2016	2016-2017	2017-2018	2018-2019

Amount: \$245,116 \$197,730 \$977,283 \$1,697,815

#### 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:

2016-2017 2017-2018

Amount:

\$160,119

\$417,401

#### **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 12 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:

Year:

2013-2014

2014-2015

2015-2016

2016-2017

Amount:

\$75,000

\$25,000

\$25,000

\$25,000

## **ELEMENT I**

## **APPENDIX**

2013 CAPITA			

Department Project	2013-2014		2014-2015		2015-2016		2016-2017	2017-2018	<u>2018-2019</u>	<u>Total</u>
	(000's)		(000's)		(000's)		(000's)	(000's)	(000's)	(000's)
Public Works										
PW-1 Street Improvement	400	a	500 a	a	500	a	500 a	500 a		2400
PW-2 Roof Replacement	70	a								70
PW-3 City Building Improvements	1750	c/e/f³	1750	b/e/f	ŧ					3500
*Summarized as bond \$ below										
Parks and Recreation										
R-1 McDermott Locker Rooms and Doors					250	d	165 d			415
R-2 Thayer Arena Bleachers							320 d			320
Police Department										
P-1 Parking Lot Resurfacing & Building Imp.			105	a						105
<u>Fire Department</u>										
F-1 Potowomut Fire Station	1000	С	1000							2000
F-2 Station Improvements	45	a	150	е	120	е				315
School Department										
S-1 Fire Code Improvements	2971	С	3396							6367
S-2 Building Improvements	811	С	2646	b	1619	b	137 b	740 b		5953
S-3 Building Mechanical Systems					245	g	198 g	977 g	1698 g	3118
S-4 Site Improvements							160 b	417 b		577
<u>MIS</u>										150
MS-1 Geographic Information System	75	е	25	e	25	е	25 e			150
Total (000's)	7122		9572		2759		1505	2634	1698	25290
Funding Sources										
A. General Operations	515		605		525		500	500		2645
B. Bonds Unissued			8792		1619		297	1157		11865
C. Bonds Issued	6532									6532
D. Future Bond					250		485			735
E. Fed Grant	75		175		120		25			395
F. State Grant										0
G. Lease Purchase/other					245		198	977	1698	3118
Total (000's)	7122		9572		2759		1505	2634	1698	25290

## **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:	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
i cai.	2013-201 <del>4</del>	2017-2013	2012-2010	2010 2017	2017 2010	2010 201

Amount: \$600,000 \$600,000 \$600,000 \$600,000 \$600,000

#### **B. WARWICK SEWER AUTHORITY**

#### WSA-1 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 complete archaeological study on PS lot.

Allocation of funds:

Year:

2013-2014

2014-2015

Amount:

\$3,500,000

\$1,500,000

WSA-2 Bayside/Longmeadow-I (Contract 86)

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. Project will serve 440 properties. Need to complete archaeological studies for the main interceptor on Tidewater 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:

2016-2017 2

2017-2018

Amount:

\$3,700,000

\$3,000,000

#### WSA-3 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 generally 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 2018-2019

Amount: \$1,300,000 \$2,500,000 \$950,000

WSA-4 Bayside/Longmeadow-III (Contract 86C)

Phase 3 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 317 properties. Area includes: North end of Warwick Neck, south of Bayside/Longmeadow I

& II and north of Rocky Point. Generally the area to the east of Palmer Avenue to Narragansett Bay. Need to complete subsurface

borings and acquire pump station land; also need to complete archaeological study of PS lot.

Allocation of funds:

Year:

2017-2018

2018-2019

Amount:

\$1,100,000

\$3,150,000

Page 26 of 42

#### WSA-5 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:	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Amount:	\$200,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000

#### WSA-6 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:

2017-2018

2018-2019

Amount:

\$1,200,000

\$900,000

WSA-7 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

Amount:

\$3,200,000

\$2,000,000

#### WSA-8 WWTF Upgrade for Phosphorous Removal

Wastewater Treatment Facility upgrades to comply with a more stringent NPDES effluent discharge permit recently issued by DEM. The new permit requires that the WSA discharge lower concentrations of both total nitrogen and total phosphorus to the Pawtuxet River. Phosphorous limits will be year round; with a summer discharge limit of 0.1mg/l. A tertiary treatment process will most likely involve the installation of an ultra-filtration system that involves both chemical and physical separation of particulate from the final effluent. The project will also include replacing existing equipment in the preliminary treatment process and solids handling building.

Fourteen million dollars (\$14 M) is the project cost estimate provided by a previous consultant but the WSA is in the process of reviewing the necessary upgrades and updating cost estimates. WSA will be attempting to incorporate some of the necessary upgrades into reconstruction efforts currently underway as a result of the March 2010 flood disaster.

#### Allocation of funds:

Year: 2013-2014 2014-2015 2015-2016

Amount: \$1,000,000 \$9,000,000 \$4,000,000

# WSA-9 Flood Protection Improvements at WWTF

Study, plan and construct flood protection for the Warwick Wastewater Treatment Facility to the 500-year flood level from the Pawtuxet River. The project would reduce the likelihood of catastrophic loss of sewer service and wastewater treatment should flooding of the Pawtuxet River reoccur to the levels experienced during the March/April 2010 flood event. The proposed plan is to construct a higher levee.

#### Allocation of funds:

Year:

2014-2015 2015-2016

Amount:

\$3,400,000

\$1,600,000

# WSA-10 Bellows Street Pump Station Elevation

Elevate out of flood hazard area. This project is being funded by a variety of sources including: EDA Grant funds (\$721,360); CDBG grant/matching funds (\$430,340); WSA Capital Budget (\$200,000); and general obligation bond funds (\$188,492).

# Allocation of funds:

Year:

2013-2014

Amount:

\$1,540,192

# WSA-11 Miscellaneous Capital 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:	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
i cai.	2013"201 <del>T</del>	2017-2013	2013-2010	2010-2017	401 <i>1</i> -4010	2010-2017

Amount: \$225,000 \$475,000 \$475,000 \$475,000 \$475,000

## WSA-12 Main Influent Pipe Reinforcement

Rehabilitate original (circa 1965) Main Influent Pipe. Televised inspection of the pipe has revealed some deterioration issues that should be addressed in the immediate future. WSA is looking at various "no-dig" technologies to bolster the structural integrity of this main line which runs below Interstate Route 95.

#### Allocation of funds:

Year:

2013-2014

2014-2015

Amount:

\$250,000

\$500,000

# ELEMENT II APPENDIX

# 2013 CAPITAL IMPROVEMENT PROGRAM: WATER AND SEWER

Department Project	2013-2014 (000's)	2	2014-2015 (000's)		2015-2016 (000's)		2016-2017 (000's)		2017-2018 (000's)		2018-2019 (000's)		<u>Total</u> (000's)
Water Dept.	(0003)		(0003)	9764614[39]	(0003)	Sittema	(0000)	2,600130	(0000)		(000,5)	SSS/MA	( C C C )
W-1 Capital Improvements & Infrastructure	600	a	600	a	600	a	600	a	600	a	600	a	3600
Sewer Authority													
WSA-1 Governor Francis Phase III	3500	С	1500	d									5000
WSA-2 Bayside/Longmeadow I							3700	d	3000	d			6700
WSA-3 Bayside/Longmeadow II							1300	d	2500	d	950	đ	4750
WSA-4 Bayside/Longmeadow III									1100	d	3150	d	4250
WSA-5 GAPS Sewer Extensions	200	С	100	d	100	d	100	d	100	d	100	d	700
WSA-6 O'Donnell Hill Extension									1200	d	900	d	2100
WSA-7 NW Gorton's Pond					3200	d	2000	d					5200
WSA-8 WWTF Upgrade for Phosphorous	1000	С	9000	d	4000	d							14000
WSA-9 Flood Protection Improvements			3400	е	1600	е							5000
WSA-10 Bellows Street PS Elevation	1540	e											1540
WSA-11 Misc. Capital Projects	225	a	475	a	475	a	475	a	475	a	475	a	2600
WSA-12 Main Influent Pipe Reinforcement	250	a	500	a									750
Total (000's)	7315		15575		9975		8175		8975		6175		56190
Funding Sources			The section of the se										
A. General Operations	1075		1575		1075		1075		1075		1075		6950
B. Bonds Unissued													0
C. Bonds Issued	4700												4700
D. Future Bond			10600		7300		7100		7900		5100		38000
E. Fed Grant	1540		3400		1600								6540
F. State Grant													
G. Lease Purchase/other													
Total (000's)	7315		15575		9975		8175		8975		6175		56190

# 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 2.8% of the total budget. Included in executive and administration is principal and interest expenses related to debt service. Debt service represents approximately 3% of the city budget in fiscal year 2014.

	Executive and Administration	Percent of Budget	Debt Service	Percent of Budget
Fiscal Year 2013	\$12,281,913	4.4%	\$6,942,235	2.5%
Fiscal Year 2014	\$13,269,390	4.7%	\$7,870,574	2.8%

Page 38 of 42

## **PUBLIC SAFETY**

Public Safety program includes the departments of Police, Fire, Civil Preparedness, Building Inspection and Minimum Housing. These appropriations represent approximately 14% of the total city budget.

	Public Safety Budget	Percent of Budget
Fiscal Year 2013	\$39,456,021	14.1%
Fiscal Year 2014	\$39,279,721	13.9%

## **SOCIAL SERVICES**

Parks and Recreation, Library, and Human Services are included in this category and represent approximately 2% of the total budget.

The Market Control	Social Services	
	Budget	Percent of Budget
Fiscal Year 2013	\$5,587,476	2.0%
Fiscal Year 2014	\$5,460,073	1.9%

Page 39 of 42

## **PHYSICAL RESOURCES**

This program consists of Planning, Community and Economic Development, and Public Works. This program represents approximately 5% of the total city budget.

	Physical Resources	
	Budget	Percent of Budget
Fiscal Year 2013	\$14,077,576	5.0%
Fiscal Year 2014	\$14,471,080	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% of the total budget.

The second secon	Employee Benefits	
	Budget	Percent of Budget
Fiscal Year 2013	\$51,748,831	18.5%
Fiscal Year 2014	\$53,842,019	19.0%

#### **SCHOOL DEPARTMENT**

The school budget represents the required budget to operate the City of Warwick's School System. This budget represents approximately 55.4% of the total budget.

	School Budget	Percent of Budget
Fiscal Year 2013	\$156,240,638	55.9%
Fiscal Year 2014	\$156,687,219	55.4%

#### **REVENUES**

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

#### **PROPERTY TAX**

In Fiscal Year 2013 the tax base as of December 31, 2011 was \$9,781,203,625. The estimated fiscal year 2014 tax base as of December 31, 2012 is \$9,248,312,024. The total estimated tax values have been adjusted to reflect the current revaluation.

	FY 2013  Valuation Date  December 31,2011 (\$000,000)	FY 2014 (Estimated) Valuation Date December 31, 2012 (\$000,000)
Residential	6,020.1	5,577.1
Commercial	2,554.1	2,459.0
Tangible	503.9	508
Motor Vehicles	639.9*	640.9

<sup>\*</sup>Differential due to increase in value exemption by \$1,000

Figures are at gross assessed valuation. Property Taxes represent approximately 77% of the total budget.

Page 41 of 42

and the second	Property Taxes	Percent of Budget
Fiscal Year 2013	\$215,956,533	77.3%
Fiscal Year 2014	\$218,213,000	77.1%

## STATE AND FEDERAL AID

	State & Federal Aid	Percent of Budget
Fiscal Year 2013	\$41,053,304	14.7%
Fiscal Year 2014	\$43,560,292	15.4%

# LICENSES & FEES, ENTERPRISE TRANSFER, AND ALL OTHER

These accounts represent the remaining 7.5% 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.

	Licenses & Fees, Enterprise Transfe	
	& Other	Percent of Budget
Fiscal Year 2013	\$22,382,618	8.0%
Fiscal Year 2014	\$21,236,208	7.5%