



Joseph J. Solomon Mayor

City of Warwick
Budget Proposal • Capital Funds
2019—2020





Joseph J. Solomon Mayor

Heather Rodrigues' snapshot of the old fishing pier at Rocky Point may be one of the last taken of the well-known landmark at the beloved former amusement park.

Mayor Solomon and the state Department of Environmental Management recently announced that construction of a new timber fishing pier will soon begin. The new, 280-foot-long pier, constructed in a T-shape, will have varied rail heights, railings, solar lighting, a structure to provide shade, and benches for visitors who wish to sit and take in the breathtaking views of Narragansett Bay.

The 124-acre property has drawn people throughout Rhode Island and beyond since the 1850s, when it became a destination for Sunday School outings, then evolved into a popular amusement park. Now preserved as a public park, Rocky Point each year continues to lure thousands of people for hiking, walking, bird watching, picnicking, special sporting and community events all within sweeping ocean views.

May 10, 2019

The Honorable Joseph Solomon, 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 2019-2020 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 2019-2020 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 J. DePasquale, Jr., AICP
Chief of Staff/Planning Director

**CAPITAL IMPROVEMENTS
PROGRAM AND BUDGET
2019-2020**

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

May 2019

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CAPITAL IMPROVEMENTS PROGRAM AND BUDGET

Fifty-nine 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 Vehicle Replacement

The Department of Public Works is proposing to replace vehicles that need to be retired due to the financial level of effort required to repair them. The DPW is proposing to purchase eight (8) sanitation vehicles (total cost \$2,000,000) and ten (10) dump trucks (total cost \$1,000,000).

Allocation of funds:

Year:	2020-2021	2021-2022	2022-2023	2023-2024
Amount:	\$750,000	\$750,000	\$750,000	\$750,000

PW- 2 Roof Replacement

The DPW is proposing to remove and replace the leaking roof over the service bays in the Front Service Garage on Sandy Lane. The leaking roof continues to expose the flexi-cor deck to weather.

Allocation of funds:

Year: 2020-2021

Amount: \$65,000

PUBLIC WORKS

PW-3 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 stormwater requirements as administered by the RIPDES program.

Allocation of funds:

Year:	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Amount:	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000

POLICE DEPARTMENT

P-1 Headquarters Repairs and Renovations

This locker room contains the original lockers, which were installed in 1976 when the building was constructed. Many of the lockers have been broken, and parts to fix them are no longer available. The normal wear and tear of over 40 years of constant use has left virtually all of them in poor condition. The original floors are also still in place and show even more wear than the lockers themselves.

This proposal would entail replacing the floors when the lockers are moved and replaced.

The WPD maintenance personnel have priced the floors and lockers from multiple sources. The price quoted is based on their research, but may be slightly less at time of purchase. Cost is based on utilizing City employees for labor. Cost is estimated at \$40,000.

The Department is also proposing to make renovations to the Board of Public Safety Room and Office of the Chief of Police would include modernizing the work areas, which still maintain the original paneling and ceiling tiles from 1976, and make upgrades to allow for appropriate meeting and work spaces. Scope of work proposed includes new walls, flooring, furniture, and monitors and wiring for audio/visual. Cost is estimated at \$20,000.

Allocation of funds:

Year: 2019-2020

Amount: \$60,000

P-2 Annual Purchase of Police Vehicles

The Department's fleet management plan calls for the purchase of 14 new vehicles each year. The three-year plan entails the replacement of 14 patrol vehicles in the first and second years and the replacement of administrative, supervisor, and traffic division vehicles the third year. After these vehicles run as first-line cars for three years, they are then transferred to auxiliary positions, such as the Detective and Community Services Division and the Detail Unit, where they are used for an additional three years. They are then transferred to other city departments until they are unserviceable.

This plan, which has been in place for more than a decade, has allowed the Department to maximize the use of each purchased car, prevents overuse and ensures that first-line officers are operating safe equipment.

Allocation of funds:

Year:	2019-2020	2020-2021	2021-2022
Amount:	\$550,000	\$550,000	\$550,000

FIRE DEPARTMENT

F-1 Fire Station Site and Building Improvements

These projects include new windows at Stations 2, 5, and 6 to replace drafty, inefficient windows that are more than 40 years old and the phased replacement of inefficient furnaces at stations 4, 6 and 9. Like the windows, these furnaces are original to the stations' construction more than 40 years ago. These improvements will result in future energy savings through more efficient replacement systems. The Department also proposes the paving of ramps at Stations 1, 2, 3, 4, 5, 6, 8, and 9, all of which suffer from ramps constructed in the mid-1960s to early 1970s that have neither been repaired nor replaced and are now deteriorating and creating a safety hazard for those on the property as well as causing damage to apparatus.

Allocation of funds:

Year:	2019-2020	2020-2021	2021-2022
Amount:	\$60,000	\$60,000	\$20,000

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: \$2,830,000); Battalion 1 Replacement (\$45,000); Ladder 1 Replacement (\$1,000,000); and Rescue Replacement (2, 1 and 3: \$760,000).

Allocation of funds:

Year:	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Amount:	\$1,015,000	\$1,115,000	\$1,075,000	\$900,000	\$900,000

F-3 Server for Fire Department Dispatch System

As a result of discussions about the new Fire Department Computer Aided Dispatch (CAD) and several meetings with the MIS Division, it has been suggested that the department have its own independent server to work with the department's dispatch equipment system, just as the Police Department has purchased. Continuing to share the current server with other departments/divisions could compromise uninterrupted communications, which could pose a significant safety hazard.

Allocation of funds:

Year:	2019-2020
Amount:	\$25,000

LIBRARY

L-1 Main Branch Renovations

The Central Library was enlarged and renovated in 1998, at which time new public restrooms were constructed. It averages over 1, 200 people per day in the building, and the restrooms are heavily used by patrons and meeting room users. The restrooms need repairs and upgrading and there is also a need for a companion unisex restroom. Some library patrons are wheelchair bound and require an assistant to accompany them to the restroom, which is problematic with the present conditions. A unisex bathroom could also be used when a child is accompanied by a parent of the opposite sex as well as those transitioning. A large closet adjacent to the ladies' room could be converted to the unisex bathroom. To reduce costs existing fixtures would be reused while replacing their automatic water-saving flushing mechanisms. Except for the new companion unisex restroom, no major mechanical, electrical or fire protection equipment would be required. The library has applied for a grant to cover the cost of this project. Grant recipients will be notified in November 2019. Estimated project cost is \$259,822. Replacement of carpeting is also proposed. Most of the public areas have been carpeted over the past five or six years, using grant monies. The book stacks area, a large part of the building located on the Sandy Lane side, has carpet that is more than 20 years old. It is worn, soiled and difficult to clean. The Library will pursue grants to cover all or part of the cost, estimated at \$100,000.

Allocation of funds:

Year:	2019-2020	2021-2022
Amount:	\$259,822	\$100,000

L-2 HVAC Replacement

The Central Library’s HVAC units consist of two boilers 11 rooftop units that are controlled by a computerized system. The current HVAC equipment was installed in 1997 and is beyond its life expectancy. It is expensive to maintain, parts are difficult to find, and the computer system is antiquated and proprietary, so it can only be maintained by one company. The computer system only allows for heating or cooling to be on or off. Temperatures cannot be adjusted when the building is not in use, meaning the system totally shuts down at night and resumes operation in the morning. On extremely cold winter nights, the system must be left on to keep the pipes from freezing. This type of system is not as efficient as modern ones that allow for temperature setbacks when a building is closed.

This project could be funded by the RI Infrastructure Bank (RIIB), with approval from the City Administration. The RIIB reviewed the project two years ago and felt it would meet their requirements. The RIIB will only provide the loan if the utility savings is enough to offset the loan payments. The loan would be repaid by the Library using energy savings of electricity and natural gas and should not increase the budget. Cost of equipment replacement is \$859,000.

Allocation of funds:

Year:	2021-2022
Amount:	\$859,000

SCHOOL DEPARTMENT

S-1 Winman Middle School Building and Mechanical Upgrades

The School Department proposes to replace an emergency generator (\$250,000), complete a partial HVAC replacement (\$500,000) and repair/replace sidewalk curbing (\$100,000).

The emergency generator is original to the building, circa 1972. The water jacket that cools the unit has failed and is leaking, and the replacement parts are no longer available because of age. This generating system powers all life safety equipment in the building and is required by law. Funds are being requested for FY20.

The HVAC system that services the B3 floor has failed and must be replaced and cannot be repaired. Funds are requested for FY20 for design work (\$50,000) and for FY21 (\$450,000) for the work to be performed.

At the front of the school building, the curbing and sidewalks are disintegrating from age at the bus drop off/pick up site. This has created multiple trip/fall hazards along the entire front of the building. To correct the hazards, curbing and sidewalks will need to be replaced. Project is proposed for FY20.

Allocation of funds:

Year:	2019-2020	2020-2021
Amount:	\$400,000	\$450,000

S-2 ADA Compliance at Warwick Neck Elementary School

Warwick Neck Elementary School, built in 1958, with additions build in 1968 and 1992, is not in compliance with federal laws and regulations. To comply, an elevator will need to be installed so all students will be able to access all levels of the building and exterior.

Allocation of funds:

Year:	2019-2020	2020-2021
Amount:	\$32,000	\$368,000

S-3 Veterans Middle School & Pilgrim High School Emergency Generator Replacements

The Department is seeking funds to replace the emergency generators at Veterans Middle School and Pilgrim High School over FY21 (\$20,000 for each school) and FY22 (\$230,000 per school).

The emergency generator at Vets was sized to run life safety equipment only. In the event of an extended power failure, the heating system would not run. In a citywide emergency or disaster, the school would not be able to be used as a shelter if there were an extended power failure in the area. This project has been approved, under the School Department's Capital Improvement Plan, by the state Department of Education (RIDE) for a minimum of 35 percent Housing Aid Reimbursement.

Pilgrim's emergency generator is original to the building. It runs life safety equipment and heat during power outages, and, at 57 years old, has reached the end of its useful life. With Pilgrim designated as one of the City's emergency shelters, the design and replacement of the emergency generator is critical both to the school and the community at large. RIDE Housing Air Reimbursement is proposed to cover a portion of the cost.

Allocation of funds:

Year:	2019-2020	2020-2021
Amount:	\$40,000	\$460,000

S-4 Elementary School Electrical Upgrades

As education moves into the 21st century, the use of technology and electrical power in the classroom has increased beyond the capabilities of the 1950s and 1960s electrical infrastructure that exists in our school buildings. Our electrical upgrades for education initiative will move forward with installing transformers, switchgear, panel boards and outlets throughout the district’s buildings and classrooms to bring our electrical infrastructure in line with the classroom needs citywide.

Allocation of funds:

Year:	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Amount:	\$128,313	\$539,665	\$1,515,361	\$1,372,630	\$699,926

S-5 New Generator Exhaust System at Career and Technical Center

At the Warwick Career and Technical Center's emergency generator room, the lack of a proper air exhaust system (engine exhaust is vented directly to the exterior) has been identified. The design and installation of an exhaust system would eliminate the potential for engine exhaust leaks to enter the building.

Allocation of funds:

Year: 2019-2020

Amount: \$35,000

MANAGEMENT INFORMATION SERVICES

MIS-1 Data Store Back-up Expansion

This proposal is to fund appliance to back up critical system data. Presently, data backups are limited to the minimum best-practice standards. Any additional use of the MUNIS software would create increased data stores requiring protection. Without an expansion of current capabilities, no further system utilization is possible.

Allocation of funds:

Year:	2019-2020	2020-2021	2021-2022
Amount:	\$50,000	\$50,000	\$50,000

SENIOR CENTER

SC-1 Transwick Van

The Transwick program provides a vital service for our community's seniors, offering transportation services to otherwise homebound Warwick residents 55 and older who are living independently, as well as adults with disabilities living independently. Transwick addresses the transportation needs of those without alternate means of transportation or other opportunities for socialization. A paratransit bus would enhance these efforts.

The purchase, at a cost of \$67,055, would be funded entirely through a state-designated grant.

Allocation of funds:

Year:	2019-2020
Amount:	\$67,055

DEPARTMENT OF TOURISM, CULTURE AND DEVELOPMENT

TCD-1

The Department is proposing the purchase of a vehicle that will accommodate the transfer of boxes of brochures, trade show displays, etc. in order to transport marketing materials to and from meetings, trade shows, conventions, and the like.

Allocation of funds:

Year:	2019-2020
Amount:	\$30,000

ELEMENT I

APPENDIX

2019 CAPITAL IMPROVEMENT PROGRAM: CITY DEPARTMENTS

Department Project	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Total
	(000's)	(000's)	(000's)	(000's)	(000's)	(000's)	(000's)
Public Works							
PW-1 Vehicle Replacement		750 g	750 g	750 g	750 g		3000
PW-2 Roof Replacement		65 a					65
PW-3 Streets and Stormwater	1100 a	1100 a	1100 a	1100 a	1100 a		5500
Police Department							
P-1 Headquarters Repairs and Renovations	60 a						60
P-2 Annual Purchase of Police Vehicles	550 g	550 g	550 g				1650
Fire Department							
F-1 Station Site and Building Improvements	60 a	60 a	20 a				140
F-2 Vehicle Replacement	1015 g	1115 g	1075 g	900 g	900 g		5005
F-3 Server for Fire Dispatch System	25 a						25
Library							
L-1 Main Branch Renovations	260 f	100 a/f					360
L-2 HVAC Replacement			859 b				859
School Department							
S-1 Winman Middle School Upgrades	400 a	450 a					850
S-2 ADA Compliance at Warwick Neck Elementary	32 a	368 a					400
S-3 Emergency Generator Replacements	40 a/f	460 a/f					500
S-4 Electrical Upgrades	129 a/f	540 a/f	1515 a/f	1373 a/f	700 a/f		4257
S-5 Career and Technical Center Generator	35 a						35
Management Information Services							
MS-1 Data Store Backup Expansion	50 a	50 a	50 a				150
Senior Center SC-1 Paratransit Van	67 f						67
Tourism, Culture and Development T-1 Vehicle	30 a						30
Total (000's)	3853	5608	5919	4123	3450		22953
Funding Sources							
A. General Operations	1877	2643	1928	1787	1450		9685
B. Bonds Unissued			859				
C. Bonds Issued							
D. Future Bond							
E. Fed Grant							
F. State Grant	412	550	757	686	350		2757
G. Lease Purchase/other	1565	2415	2375	1650	1650		8320
Total (000's)	3853	5608	5919	4123	3450		22953

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

Funds will be used to replace, rehabilitate and upgrade existing transmission and distribution mains in conjunction with the state Department of Transportation, National Grid, Warwick Sewer Authority and proposed Water Division projects financed by a combination of revenue, bonds, general obligation bonds, operating revenues and/or a special infrastructure replacement assessment on all customers based on water usage.

*Please Note: The proposed dollar amounts generally reflect the amounts submitted and included on the Rhode Island Drinking Water State Revolving Fund Project Priority List. Any proposed funding and/or borrowing may utilize the Rhode Island Infrastructure Bank.

Allocation of Funds:

Year:	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Amount:	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$4,000,000

WARWICK SEWER AUTHORITY

WSA-1 Oakland Beach Interceptor

This is a critical infrastructure project that is required to repair the existing gravity sewer line interceptor. Once repaired with an approved technology, the useful life will be extended to 50 years.

Allocation of funds:

Year:	2019-2020
Amount:	\$1,300,000

WSA-2 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:	2019-2020
Amount:	\$3,700,000

WSA-3 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:	2019-2020
Amount:	\$2,000,000

WSA-4 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-5 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-6 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-7 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-8 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:	2019-2020	2020-2021	2021-2022	2022-2023
Amount:	\$100,000	\$100,000	\$100,000	\$100,000

WSA-9 Dump Station at the Treatment Facility

This project would entail construction of a dump station for the WSA Vactor vehicle. This vehicle services 48 remote pump station wetwells and new restrictions have been placed on dumping wet solids at Resource Recovery in Johnston. This station will allow the solids to dry and be disposed of in an approved, onsite dump container at the WSA.

Allocation of funds:

Year:	2019-2020
Amount:	\$25,000

WSA-10 Maintenance Service Vehicle

This project would replace an aged 2002 maintenance service vehicle that is past its useful life. This vehicle is necessary to perform critical repairs at remote pump stations.

Allocation of funds:

Year:	2019-2020
Amount:	\$80,000

WSA-11 CIPP Pipe Repairs

The project would result in the rehabilitation of manholes and pipe segments that are identified during CMOM inspections as in need of repair.

Allocation of funds:

Year: 2019-2020

Amount: \$200,000

WSA-12 Airport Interceptor Rehabilitation

This project is required to repair the existing gravity sewer line interceptor. Once repaired with an approved technology, the useful life will be extended to 50 years. This line is approximately 6,330 linear feet of 48" gravity line and 42" gravity line constructed reinforced concrete pipe.

Allocation of funds:

Year:	2019-2020	2020-2021
Amount:	\$1,400,000	\$2,900,000

ELEMENT II

APPENDIX

2019 CAPITAL IMPROVEMENT PROGRAM: WATER AND SEWER

Department Project	2019-2020 (000's)	2020-2021 (000's)	2021-2022 (000's)	2022-2023 (000's)	2023-2024 (000's)	Total (000's)
Water Dept.						
W-1 Capital Improvements & Infrastructure *	4000 a/d	4000 a/d	4000 a/d	4000 a/d	4000 a/d	20000
Sewer Authority						
WSA-1 Oakland Beach Interceptor	1300 d					1300
WSA-2 Northwest Gorton's Pond (Contract 90)	3700 b					3700
WSA-3 Bayside (Contract 86/B)	2000 c					2000
WSA-4 Warwick Neck South Sewer Extension	400 d	10000 d	3000 d			13400
WSA-5 Strawberry Field Road II				250 d		250
WSA-6 Greenwood East (Contract 87A)				50 d		50
WSA-7 Pilgrim Park				25 d		25
WSA-8 Miscellaneous (GAPS) Sewer Extensions	100 d	100 d	100 d	100 d		400
WSA-9 Dump Station at the Treatment Facility	25 a					25
WSA-10 Maintenance Service Vehicle	80 a					80
WSA-11 CIPP Pipe Repairs	200 a					200
WSA-12 Airport Interceptor Rehabilitation	1400 d	2900 d				4300
Total (000's)	13205	17000	7100	4425	4000	45730
Funding Sources						
A. General Operations	2305	2000	2000	2000	2000	10305
B. Bonds Unissued	3700					3700
C. Bonds Issued	2000					2000
D. Future Bond	5200	15000	5100	2425	2000	29500
E. Fed Grant						
F. State Grant						
G. Lease Purchase/other						
Total (000's)	13205	17000	7100	4425	4000	45730

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 2019.

	<i>Executive and Administration</i>	<i>Percent of Budget</i>	<i>Debt Service</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2019</i>	\$	%	\$	%
<i>Fiscal Year 2020</i>	\$	%	\$	%

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>
<i>Fiscal Year 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

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 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

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 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

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 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

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 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

REVENUES

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

PROPERTY TAX

In Fiscal Year 2019 the tax base as of December 31, 2017 was \$9,767,709,331. The estimated Fiscal Year 2020 tax base as of December 31, 2018 is \$9,739,830,524.

	<i>FY 2019 Valuation Date December 31, 2017 (\$000,000)</i>	<i>FY 2020 (Estimated) Valuation Date December 31, 2018 (\$000,000)</i>
<i>Residential</i>	\$	\$
<i>Commercial</i>	\$	\$
<i>Tangible</i>	\$	\$
<i>Motor Vehicles</i>	\$	\$

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 2019</i>	\$	%
<i>Fiscal Year 2019</i>	\$	%

STATE AND FEDERAL AID

	<i>State & Federal Aid</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

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 & Fees, Enterprise Transfers & Other</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2019</i>	\$	%
<i>Fiscal Year 2020</i>	\$	%

FUND BALANCE DRAWDOWN

	<i>Fund Balance Drawdown</i>	<i>Percent of Budget</i>
<i>Fiscal Year 2019</i>	\$0	0%
<i>Fiscal Year 2020</i>	\$	%