



FY17 CAPITAL IMPROVEMENT PLAN

MARCH 14, 2016

PROPOSED BY
CHARLES W. BURGESS, TOWN MANAGER

PREPARED BY LAUREN S. HERMLEY, ASST. TOWN MGR.

OVERVIEW

The Town of Beaufort's Capital Improvement Plan (CIP) is a planning and budget tool which addresses the repair and replacement of existing infrastructure as well as the construction or acquisition of new facilities and equipment to accommodate current and future demands for service. More specifically, the CIP is intended to accomplish the following objectives:

- To build and maintain the facilities required to support the Town's public service responsibilities
- To improve financial planning by comparing needs with resources, estimating future debt service, and identifying tax rate and fee implications
- To establish priorities among projects so that limited available funds are used most effectively
- To plan public facility construction and major equipment purchases and coordinate timing with the public needs
- To support the physical development objectives contained in approved Town plans

Generally, capital improvements are defined as physical assets constructed or purchased that have a useful life of ten (10) years or longer and have a cost of or exceeding \$25,000. Projects that meet these criteria are included in the CIP, such as:

- New and expanded facilities for the community
- Large scale rehabilitation or replacement of existing facilities
- The cost of engineering or other professional studies and services related to improvement
- Major equipment
- The acquisition of land

The CIP does not typically include items defined as "capital outlay." Capital outlay items normally appear in the Town's operating budget and include such things as furniture, equipment, and vehicles needed to support the operation of the Town's programs. Generally, a capital outlay item may be defined as an item valued at less than \$25,000 with a usual life expectancy of less than ten (10) years.

The projected costs of each capital project are sometimes the result of detailed engineering studies, but are sometimes simply working estimates. The project cost to be funded in the CIP include all costs relating to design, acquisition, construction, project management, equipment, legal expenses, mitigation of damages, title costs and other land-related costs, etc., when such information is available. Each year, the CIP may be adjusted as project costs are refined.

The annual CIP process begins with soliciting funding requests from each Town department. Requests are submitted to the Town Manager and the information is categorized and consolidated. The Town Manager prioritizes the projects and prepares a proposed Capital Improvement Plan to be forwarded to the Board of Commissioners for their review and comment. A public meeting is held where the Board of Commissioners has the authority to approve the recommended CIP as presented, or with amendments. The CIP is adopted by the Board of Commissioners and becomes the Adopted Capital Improvement Plan. The first year of the Adopted CIP is incorporated in to the Manager's Recommended Budget as the Capital Budget for the upcoming fiscal year.

Each project in the CIP is coupled with one or more funding sources. Revenues the Town utilizes come from several sources to include federal and state governments, dedicated taxes and fees, and monies from the fund balances of the the General, Fire, or Utility Funds. The level of debt the Town can incur is governed by the financial policies legislated by the North Carolina General Statutes and by its internally adopted financial policy.

The General Fund is the primary depository for several revenue sources including, for example, ad valorem taxes, state sales taxes, and solid waste collection fees which are collected for the general operation of the Town. Fees for water and sewer service are deposited in the Utility Fund. In addition to an appropriation from the General Fund, The Fire Fund receives a portion of its revenue as an allocation from Carteret County.

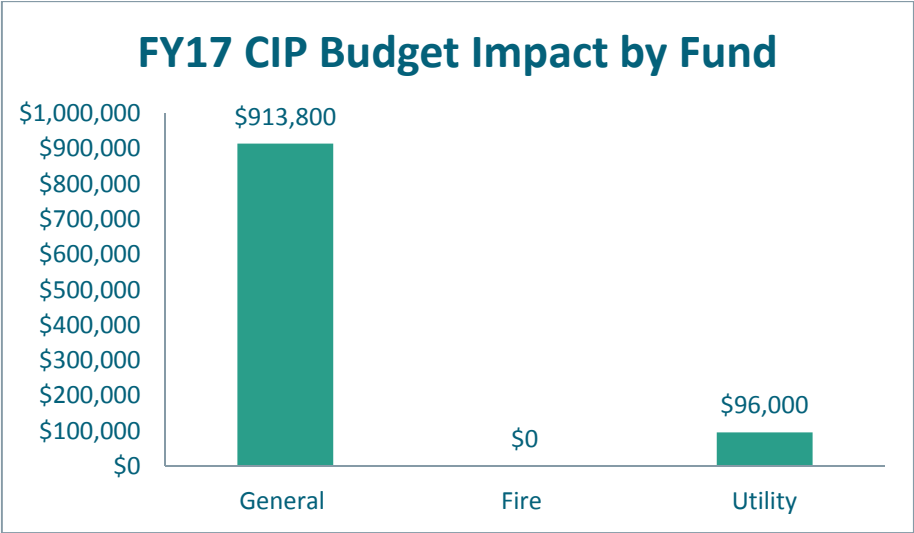
The CIP represents the mutual effort of Town departments to meet the infrastructure needs of Town residents, businesses, and visitors. The Town usually cannot fund all the capital project requests and the projects are carefully

scrutinized and prioritized to provide for the maximum benefit. Citizen input, the Town’s adopted Comprehensive Plan, and the total funding available all contribute to the decision-making process regarding the allocation of limited resources.

TOWN MANAGER RECOMMENDATION

The following pages represent the recommendations of the Town Manager. These recommendations are based on the needs of each department as articulated by the Department Head, and weighted by Town Manager. Included is the summary of the CIP, as well as descriptions of each project. The total 5-year CIP as requested is \$9,619,800 with a \$15,000,000 future water plant identified as a need beyond FY21. The Town Manager considered debt policies, available outside funding, and available General, Utility, and Fire Fund resources to recommend adoption of the five (5) year plan with an emphasis on FY17 projects.

The Town Manager is recommending a FY17 CIP implementation of projects totaling \$1,009,800.



PROJECT TITLE (BY DEPARTMENT)	FUNDING SOURCE	FY17	FY18	FY19	FY20	FY21	BEYOND FY21	TOTAL COST
FACILITIES & GROUNDS								
Water Tower Park	GF/CF/GR		\$ 40,000	\$ 200,000	\$ 200,000	\$ 200,000		\$ 640,000
Cedar Street Park	CIF		\$ 250,000					\$ 250,000
Old Burying Ground Fence Restoration	GF/GR	\$ 40,000	\$ 45,000	\$ 45,000				\$ 130,000
Relocation of Public Works Facility	GF		\$ 500,000					\$ 500,000
Boardwalk Repair/Reconstruction			\$ 80,000					\$ 80,000
Evidence/Investigations Building	GF	\$ 90,000						\$ 90,000
PLANNING DEPARTMENT								
Entry Corridor Improvements Program	GF/SF	\$ 50,000	\$ 200,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 500,000	\$ 1,500,000
Comprehensive Wayfinding & Signage Program	GF	\$ 100,000	\$ 20,000	\$ 20,000				\$ 140,000
POLICE DEPARTMENT								
Mobile Radio Communications	GR	\$ 61,000						\$ 61,000
Mobile Data Communications	GR	\$ 94,800						\$ 94,800
PUBLIC WORKS								
Cedar Street Retrofit & Repair	GF/GR/SF		\$ 2,100,000					\$ 2,100,000
Bucket (Grapple) Truck	GF	\$ 141,000						\$ 141,000
1-ton Diesel Truck	GF	\$ 37,000						\$ 37,000
Street Repaving Program	GF/SF	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,800,000
GENERAL FUND TOTAL		\$ 913,800	\$ 3,535,000	\$ 815,000	\$ 750,000	\$ 750,000	\$ 800,000	\$ 7,563,800
SEWER								
Sewer Pump Station Generators	IF	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000		\$ 165,000
I & I Study	UF		\$ 180,000					\$ 180,000
Sewer Line Rehabilitation	UF			\$ 1,000,000				\$ 1,000,000
WATER								
2" Water Line Replacement - Ann St.	IF		\$ 63,000					\$ 63,000
2" Water Line Replacement - Campen	IF	\$ 43,000						\$ 43,000
2" Water Line Replacement - Crescent	IF			\$ 60,000				\$ 60,000
East Front Street Loop	IF	\$ 20,000						\$ 20,000
Water Plant	IF						\$ 15,000,000	\$ 15,000,000
UTILITY FUND TOTAL		\$ 96,000	\$ 276,000	\$ 1,093,000	\$ 33,000	\$ 33,000	\$ 15,000,000	\$ 16,531,000
FIRE DEPARTMENT								
Substation Phase II	FF/CF			\$ 200,000				\$ 200,000
Fire Truck Pumper	FF		\$ 375,000					\$ 375,000
Aerial Platform	FF				\$ 750,000			\$ 750,000
FIRE FUND TOTAL		\$ -	\$ 375,000	\$ 200,000	\$ 750,000	\$ -	\$ -	\$ 1,325,000
TOTALS		\$ 1,009,800	\$ 4,186,000	\$ 2,108,000	\$ 1,533,000	\$ 783,000	\$ 15,800,000	\$ 25,419,800
GF - General Fund	SF - State Funds		CF - County Funds		GR - Grant Funds			
UF - Utility Fund	FF - Fire Fund		IF - Impact Fees		CIF - Community Improvements Fund			

PROJECT TITLE: WATER TOWER PARK

DEPARTMENT: Facilities & Grounds
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$640,000

STAFF CONTACT: Lauren Hermley, Asst Town Manager
USEFUL LIFE: 50+ years
NEW POSITIONS: 0

DESCRIPTION:

The conversion of the current Public Works yard to a new town park; includes the conversion of the existing garage into a community center.

JUSTIFICATION:

The property would serve to connect current parks and recreational facilities- tennis/basketball courts and Randolph Johnson Park- and is a more appropriate public use of the space. It will also improve stormwater management in an area of town prone to flooding.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services		\$40,000	\$200,000	\$200,000	\$200,000		\$640,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Fund		\$40,000	\$50,000	\$50,000	\$50,000		\$190,000
Grant Funds			\$50,000	\$50,000	\$50,000		\$150,000
County Funds			\$100,000	\$100,000	\$100,000		\$300,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
Landscape Maintenance		\$5,000	\$10,000	\$15,000	\$15,000	\$15,000/yr
Utilities			\$4,000	\$10,000	\$15,000	\$15,000/yr

PROJECT TITLE: CEDAR STREET PARK

DEPARTMENT: Facilities & Grounds
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$250,000

STAFF CONTACT: Lauren Hermley, Asst. Town Manager
USEFUL LIFE: 50+ years
NEW POSITIONS: 0

DESCRIPTION:

The conversion of the current drawbridge landing area to a park.

JUSTIFICATION:

The property is ideally suited for recreation. It already serves as a popular fishing spot and accommodations can be made for additional recreational activities. Further, this will be a highly visible piece of property from the new high rise bridge. Staff has already discussed the venture with NCDOT and the Parks & Recreation Advisory Board is already in preliminary planning stages.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services		\$250,000					\$250,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Community Improvements Project Fund		\$250,000					\$250,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
Landscape Maintenance			\$5,000	\$5,000	\$5,000	\$5,000/yr.

PROJECT TITLE: OLD BURYING GROUND FENCE RESTORATION/REHABILITATION

DEPARTMENT: Facilities & Grounds
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: Approx. \$130,000

STAFF CONTACT: Kyle Garner, Town Planner
USEFUL LIFE: 25+ years
NEW POSITIONS: 0

DESCRIPTION:

This project will restore/rehabilitate the wrought-iron fencing and masonry wall around the Old Burying Ground. It includes the replacement of broken/exposed fencing and brick, cleaning the stucco wall, repairing areas split in the masonry to eliminate water intrusion, and repainting the wall.

JUSTIFICATION:

The masonry wall has had little maintenance performed since the early 1970s when the wrought iron fence was installed. With the wear and tear caused by years of exposure to the coastal environment, the wall is well overdue for repair.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services	\$40,000	\$45,000	\$45,000				\$130,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Fund	\$20,000	\$45,000	\$45,000				\$110,000
SHPO Funds	\$20,000						\$20,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND

PROJECT TITLE: RELOCATION OF THE PUBLIC WORKS FACILITY

DEPARTMENT: Facilities & Grounds
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$500,000

STAFF CONTACT: Charlie Burgess, Town Manager
USEFUL LIFE: 25+ years
NEW POSITIONS: 0

DESCRIPTION:

This project involves the relocation of the existing Public Works facility to the property owned by the Town on Live Oak Street near the Food Lion.

JUSTIFICATION:

The current facilities/functions need to be consolidated and placed in an alternative location so as to allow for better public utilization of this centrally located property. The proposed relocation would allow for the expansion of the park/recreation facilities on a portion of the existing property as well as a site for the construction of a replacement fire state.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Capital Outlay - Facilities		\$500,000					\$500,000
Debt Service, 20 yrs at 4%		\$37,086	\$37,086	\$37,086	\$37,086	\$593,376	\$741,720

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Loan Proceeds		\$500,000					\$500,000
General Fund		\$37,086	\$37,086	\$37,086	\$37,086	\$593,376	\$741,720

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND

PROJECT TITLE: BOARDWALK REPAIR/RECONSTRUCTION

DEPARTMENT: Facilities

STAFF CONTACT: Charlie Burgess/Mark Eakes

PROJECT TYPE: Contract Services

USEFUL LIFE: 20+ years

TOTAL PROJECT COST:

NEW POSITIONS: 0

DESCRIPTION:

The boardwalk along Front Street is in need of extensive repair.

JUSTIFICATION:

The boardwalk is one of Beaufort's most important assets. The Town cannot let it fall into such disrepair that it becomes a safety hazard.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contract Services		\$80,000					\$80,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Funds		\$80,000					\$80,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND

PROJECT TITLE: POLICE DEPARTMENT EVIDENCE-INVESTIGATIONS BUILDING

DEPARTMENT: Facilities & Grounds
PROJECT TYPE: Facilities Upgrade
TOTAL PROJECT COST: Approx. \$90,000

STAFF CONTACT: Paul Burdette, Chief of Police
USEFUL LIFE: 10+ years
NEW POSITIONS: 0

DESCRIPTION:

This project will renovate the existing building behind the Police Department. The building will be reconfigured to house a wired interview room (per NCGS 15A-211), Property & Evidence, training room, updated shower/bathroom facility with lockers, and administration space for Shift Supervisors.

JUSTIFICATION:

The current Property & Evidence storage area has several identified security risks. The building is not functional for potentially mandated recording of interviews of both suspects and witnesses. During significant weather or special events, there is no space available for staff to sleep or take care of their basic necessities. Renovation will allow for a functional space within the established Police Department to meet with the public.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Capital Outlay - Facilities	\$90,000						\$90,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Fund	\$90,000						\$90,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND

PROJECT TITLE: ENTRY CORRIDOR IMPROVEMENTS PROGRAM

DEPARTMENT: Planning Department
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$1,500,000

STAFF CONTACT: Kyle Garner, Town Planner
USEFUL LIFE: 30+ years
NEW POSITIONS:0

DESCRIPTION:

This project is proposed to implement or be used as a cost share with NC DOT to develop elements of the adopted Entry Corridor Plan. It includes street improvements such as medians, landscaping, and intersection retrofits.

JUSTIFICATION:

This project is an effort to improve traffic flow, pedestrian safety, and aesthetics while also creating a sense of place for our community. It will enhance tourism, support existing businesses, and serve as a gateway for the National Park Service.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services	\$50,000	\$200,000	\$250,000	\$250,000	\$250,000	\$500,000	\$1,500,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Fund	\$50,000	\$100,000	\$125,000	\$125,000	\$125,000	\$250,000	\$775,000
NC DOT		\$100,000	\$125,000	\$125,000	\$125,000	\$250,000	\$725,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND

PROJECT TITLE: COMPREHENSIVE WAYFINDING & SIGNAGE PROGRAM

DEPARTMENT: Public Works Department
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$140,000

STAFF CONTACT: Lauren Hermley, Asst Town Manager
USEFUL LIFE: 20 years
NEW POSITIONS: 0

DESCRIPTION: The design and fabrication of a unified and comprehensive signage system for Beaufort to include all wayfinding, informational and regulatory town signs. Includes roadside, parks, and buildings.

JUSTIFICATION: To unify the town’s existing signs and streamline production of new signs. To prepare to meet the new wayfinding needs spurred by the new bridge and to positively contribute to the Town’s aesthetic identity.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services	\$100,000	\$20,000	\$20,000				\$140,000

FUNDING SOURCES

TYPE	FY16	FY17	FY18	FY19	FY20	BEYOND	TOTAL
General Fund	\$100,000	\$20,000	\$20,000				\$140,000

OPERATING BUDGET IMPACT

TYPE	FY16	FY17	FY18	FY19	FY20	BEYOND
None						

PROJECT TITLE: POLICE DEPARTMENT MOBILE RADIO COMMUNICATIONS

DEPARTMENT: Police Department
PROJECT TYPE: Equipment
TOTAL PROJECT COST: Approx. \$61,000

STAFF CONTACT: Paul Burdette, Chief of Police
USEFUL LIFE: 10+ years
NEW POSITIONS: 0

DESCRIPTION:

This project will replace aging portable radios with 800 MHz units capable of communicating with various local and state agencies.

JUSTIFICATION:

Agency interoperability will be greatly improved. This will provide a clear, immediate communications link between officers and the ECC inside buildings, as well as to surrounding jurisdictions, allowing uninterrupted communications during mission-critical events and mutual aid requests.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Equipment Purchase	\$61,000						\$61,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
State grant (application pending)	\$61,000						\$61,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND

PROJECT TITLE: CEDAR STREET RETROFIT & REPAIR

DEPARTMENT: Administration
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$1,000,000

STAFF CONTACT: Lauren Hermley, Asst. Town Manager
USEFUL LIFE: 15 years
NEW POSITIONS: 0

DESCRIPTION: A complete retrofit of existing Cedar Street to include a reduction in drive lanes, the installation of improved bike/pedestrian travel ways, resurfacing, curb/gutter repairs, improved stormwater management system, and possible substructure utility repairs.

JUSTIFICATION: With the new bridge comes a tremendous opportunity to transform one of Beaufort’s most important corridors. A “new” Cedar Street will unite the communities on either side, will contribute enormously to improved walkability and bike safety, and will better manage stormwater. This is a critically important undertaking that will require careful planning, design/engineering work, and negotiation between the Town and the NC Department of Transportation.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Budget line item		\$2,100,000					\$2,100,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Fund		\$600,000					\$600,000
Grant Funds		\$500,000					\$500,000
NC DOT		\$1,000,000					\$1,000,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND
Maintenance costs						

PROJECT TITLE: BUCKET (GRAPPLE) TRUCK

DEPARTMENT: Public Works
PROJECT TYPE: Capital Equipment Purchase
TOTAL PROJECT COST: \$141,000

STAFF CONTACT: Mark Eakes, Public Works Director
USEFUL LIFE: 15 years
NEW POSITIONS: 0

DESCRIPTION:

A roadside trash and debris collection vehicle equipped with a hydraulic arm and large dump bed

JUSTIFICATION:

Currently, the collection of property owner roadside debris conducted by hand, limiting efficiency as well as capacity. This piece of equipment will enable Public Works personnel to handle large and heavier debris, particularly yard debris more quickly. The equipment also significantly reduces the risk of employee injury and associated Workers' Compensation liability.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Capital Outlay - Equipment		\$141,000					\$141,000
Debt Service 7 yrs at 3%		\$22,200	\$22,200	\$22,200	\$22,200	\$22,200	\$155,400

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Loan Proceeds		\$141,000					\$141,000
General Fund		\$22,200	\$22,200	\$22,200	\$22,200	\$22,200	\$155,400

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND
Maintenance Costs			\$2,000	\$3,000	\$3,000	\$1,000/yr.

PROJECT TITLE: 1-TON DIESEL TRUCK

DEPARTMENT: Public Works – Sanitation
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$37,000

STAFF CONTACT: Mark Eakes, Public Works Director
USEFUL LIFE: 15+ years
NEW POSITIONS: 0

DESCRIPTION: Gas powered, single cab, automatic transmission, truck with a 12 ft. x 7 ft. electric dumping bed.

JUSTIFICATION: Used daily for Public Works personnel for a variety of tasks to include hauling trash, yard debris, dirt, C&D and bulk items, and to carry tools and materials from the office to field. These trucks are essential the functionality of the Public Works Department.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Debt Service (5 yrs at 3%)	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000		\$40,000
Capital Outlay - Vehicles	\$37,000						\$37,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Loan Proceeds	\$37,000						\$37,000
General Fund	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000		\$40,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND
Maintenance	\$500	\$500	\$500	\$500	\$5,000	\$5,000/yr

PROJECT TITLE: STREET REPAVING PROGRAM**DEPARTMENT:** Public Works**PROJECT TYPE:** Contracted Services**TOTAL PROJECT COST:** \$300,000/yr**STAFF CONTACT:** Mark Eakes, Public Works Director**USEFUL LIFE:** 25 years**NEW POSITIONS:** 0**DESCRIPTION:**

The systematic improvement and restoration of a prioritized list of town roads; includes paving, curbs, gutters, and drainage

JUSTIFICATION:

Through this project, we are able to meet the Town's obligation to maintain the road system within Town limits. The Repaving Program will be funded through currently retained, as well as future-collected, Powell Bill funds.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Streets – Contracted Services	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000/yr	

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
State Funds- Powell Bill	\$122,000	\$122,000	\$122,000	\$122,000	\$122,000	\$122,000/yr	
Ad Valorem Tax Increase (\$.025)	\$178,000	\$178,000	\$178,000	\$178,000	\$178,000	\$178,000/yr.	

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

****Note:** This project operates in conjunction with the Drainage Improvement Project whereas work performed on these streets will improve road drainage by rehabilitating deteriorated pavement, restoring shoulders, and replacing curbs.

PROJECT TITLE: INFLOW & INFILTRATION (I&I) STUDY

DEPARTMENT: Sewer Department
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$180,000

STAFF CONTACT: Donovan Willis, Utilities Director
USEFUL LIFE: 10 years
NEW POSITIONS: 0

DESCRIPTION:

Contracted evaluation and study of groundwater infiltration into the Town's sewer system to identify causes and solutions.

JUSTIFICATION:

During rain events, the Town's Waste Water Treatment Plant (WWTP) experiences significant spiking, an indication that groundwater is infiltrating the sewer system. By identifying the source(s) of infiltration and taking corrective action, the Town can reduce the operational expense associated with treating groundwater, as well as extend the useful life of the WWTP.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services		\$180,000					\$180,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Utility Fund		\$180,000					\$180,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

PROJECT TITLE: SEWER COLLECTION SYSTEM REHABILITATION

DEPARTMENT: Sewer Department
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$1,000,000

STAFF CONTACT: Donovan Willis, Utilities Director
USEFUL LIFE: 20 years
NEW POSITIONS: 0

DESCRIPTION:

A systematic approach to repair failing sections of the sewer system as identified by the I&I Study.

JUSTIFICATION:

Eliminating groundwater intrusion increases the efficiency and extends the life of the Town's Wastewater Treatment Plant.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL COST
Contracted Services			1,000,000				1,000,000
Debt service; 20 years at 3%			\$66,540	\$66,540	\$66,540	\$1,064,640 for 17 yrs.	\$1,330,800

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL COST
Utility Fund			\$66,540	\$66,540	\$66,540	\$1,064,640 for 17 yrs.	\$1,330,800
Loan Proceeds			\$1,000,000				\$1,000,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

PROJECT TITLE: 2" WATER LINE REPLACEMENT - ANN STREET

DEPARTMENT: Water Department
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$63,000

STAFF CONTACT: Donovan Willis, Utilities Director
USEFUL LIFE: 20 years
NEW POSITIONS: 0

DESCRIPTION:

Replace 2" water line with 6" PVC on Ann Street. Project would extend from Belle Air Street to Laurel Lane to Lennoxville Road

JUSTIFICATION:

This is one of the areas determined to have insufficient line size during a modeling of our water system. This upsize would help improve the volume of water for fire protection.

EXPENDITURES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL COST
Contracted Services		\$63,000					\$63,000

FUNDING SOURCES

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL COST
Restricted Fund Balance (Impact Fees)		\$63,000					\$63,000

OPERATING BUDGET IMPACT

TYPE	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

PROJECT TITLE: 2" WATER LINE REPLACEMENT - CAMPEN ROAD

DEPARTMENT: Water Department
PROJECT TYPE: Contracted Services
TOTAL PROJECT COST: \$43,000

STAFF CONTACT: Donovan Willis, Utilities Director
USEFUL LIFE: 20 years
NEW POSITIONS: 0

DESCRIPTION:

Replace 2" water line with 8" PVC on Ann Street. Project would extend from Carraway Drive to Eastport Apartments

JUSTIFICATION:

This line would loop with the existing 8" PVC line on Professional Park Drive. The existing 2" galvanized line is requiring maintenance on a regular basis. Upsizing the line would increase the volume of water which can be looped helping with water quality and fire flow.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services	\$43,000						\$43,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Restricted Fund Balance (Impact Fees)	\$43,000						\$43,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

PROJECT TITLE: 2" WATER LINE REPLACEMENT - CRESCENT DRIVE**DEPARTMENT:** Water Department
Director**STAFF CONTACT:** Donovan Willis, Utilities**PROJECT TYPE:** Contracted Services**USEFUL LIFE:** 20 years**TOTAL PROJECT COST:** \$60,000**NEW POSITIONS:** 0**DESCRIPTION:**

Replace 2" dead end water line on Crescent Drive with 8" PVC Project would extend from Live Oak Street to Campen Road

JUSTIFICATION:

The existing 2" galvanized line is requiring maintenance more and more frequently. This would also allow for looping of the line, which would increase fire flow and help with water quality.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services			\$60,000				\$60,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Restricted Fund Balance (Impact Fees)			\$60,000				\$60,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

PROJECT TITLE: EAST FRONT STREET LOOP**DEPARTMENT:** Water Department
Director**STAFF CONTACT:** Donovan Willis, Utilities**PROJECT TYPE:** Contracted Services**USEFUL LIFE:** 20 years**TOTAL PROJECT COST:** \$20,000**NEW POSITIONS:** 0**DESCRIPTION:**

Loop the existing dead end 8" water line between the 2200 Block of Front Street to the 6" water line on Taylor's Creek Road

JUSTIFICATION:

Looping is needed on this 8" water line. This would greatly improve the flow of water for fire suppression and increase the water quality in this area of Town.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Contracted Services	\$20,000						\$20,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Restricted Fund Balance (Impact Fees)	\$20,000						\$20,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
n/a						

PROJECT TITLE: SUBSTATION PHASE II

DEPARTMENT: Fire Department
PROJECT TYPE: Capital Outlay - Building
TOTAL PROJECT COST: \$200,000

STAFF CONTACT: Chief Larry Fulp
USEFUL LIFE: 30+ years
NEW POSITIONS: 0

DESCRIPTION:
Completion of Phase II addition for living quarters at substation.

JUSTIFICATION:
Unable to man substation 24 hours/7 days week without living quarters.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Capital Outlay - Building			\$200,000				\$200,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
General Fund			\$200,000				\$200,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
Maintenance Costs				\$1,000	\$1,000	\$1,000/yr

PROJECT TITLE: FIRE TRUCK PUMPER

DEPARTMENT: Fire Department
PROJECT TYPE: Capital Equipment Purchase
TOTAL PROJECT COST: \$375,000

STAFF CONTACT: Chief Larry Fulp
USEFUL LIFE: 20+ years
NEW POSITIONS: 0

DESCRIPTION:

Fire truck pumper to replace 1985 pumper #9, a similar apparatus that has exhausted its useful life.

JUSTIFICATION:

Due to the delay in mutual aid from Morehead City Fire and Atlantic Beach Fire Departments, our response has been delayed in extinguishing fires and rescuing victims. In order to maintain departmental capabilities to fight structure fires, dependable replacement apparatus is needed.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Capital Outlay – Equipment		\$375,000					\$375,000
Lease/Purchase; 5 yrs. in arrears			\$45,000	\$85,000	\$85,000	\$210,000	\$425,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Loan Proceeds		\$375,000					\$375,000
Fire Fund			\$45,000	\$85,000	\$85,000	\$210,000	\$425,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
Maintenance Costs					\$2,000	\$2,000/yr

PROJECT TITLE: AERIAL PLATFORM

DEPARTMENT: Fire Department
PROJECT TYPE: Capital Equipment Purchase
TOTAL PROJECT COST: \$750,000

STAFF CONTACT: Chief Larry Fulp
USEFUL LIFE: 20+ years
NEW POSITIONS: 0

DESCRIPTION:
 NFPA 1901/1999 Compliant Aerial Platform

JUSTIFICATION:

The Town's 2004 Hazard Mitigation Plan analyzed and identified the Town's high vulnerability to natural and man-made disasters. This Plan identified fifteen (15) public buildings within the Town limits that are critical to maintaining functional order of Town and County governments. Risk assessment conducted by our organization, with recommendations from the NC Office of the State Fire Marshall, concluded that not having an aerial apparatus as part of our fire suppression efforts not only greatly reduces our ability to adequately protect these critical facilities, but also waterfront properties and the Town's Historic District. As the closest aerial apparatuses are located in Morehead City and Atlantic Beach, the 10+ minute delay in response time hinders our ability to effectively mount an aggressive offensive operation. The requested aerial platform will respond as a first due company on emergencies in our District and will assist our neighboring mutual aid departments.

EXPENDITURES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Capital Outlay - Equipment			\$750,000				\$750,000
Lease/Purchase; 7 yrs				\$130,000	\$130,000	\$650,000	\$910,000

FUNDING SOURCES

Type	FY17	FY18	FY19	FY20	FY21	BEYOND	TOTAL
Loan Proceeds			\$750,000				\$750,000
Fire Fund				\$130,000	\$130,000	\$650,000	\$910,000

OPERATING BUDGET IMPACT

Type	FY17	FY18	FY19	FY20	FY21	BEYOND
Maintenance Costs					\$2,000	\$2,000/yr