

# CAPITAL PROGRAM

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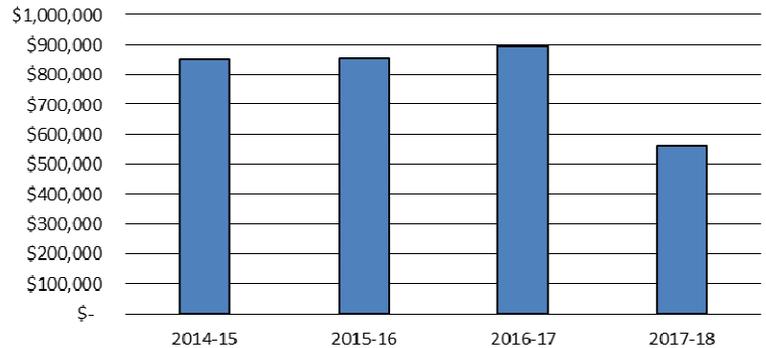
The Capital Program is a 15-year financial plan for the Town's major capital and infrastructure needs. The program identifies capital needs, establishes priorities and identifies potential funding sources.

Key sources for development of the Capital Program include the Facility Condition Assessment completed in 2000, special studies, the Comprehensive Plan, and requests from the Council, citizens and Town staff.

The Capital Program includes projects financed with bond funds, grants or other sources. The Capital Improvements Fund and Capital Reserve Fund are generally funded by annual transfers from the Town's General Fund.

Expenditures in the Capital Improvements and Reserve Funds for 2017-18 are part of the 2017-18 annual budget. All other years are projected expenditures. Proposed funding levels will change in future years as capital programs are refined and the official Town budget is adopted for a given fiscal year.

**Capital Improvements Fund Budget  
2014-15 to 2017-18**



# ***CAPITAL PROGRAM – MAJOR REVENUE SOURCES***

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## **Capital Improvements Program**

The Capital Improvements Program is a 15-year plan to fund capital projects that are selected based on a set of priorities and anticipated availability of funding. The program emphasizes projects at Town facilities, with the goal of addressing capital-related problems as they arise in order to avoid more costly repairs in the future.

## **2003 Bonds**

In November 2003, voters approved \$29.36 million in bonds. The bond projects are assigned to five individual categories as follows:

- *Sidewalk and Streets* (\$5.6 million):
  - \$2.6 million for construction of sidewalks on the Town’s Sidewalk Priority List and for meeting the local match requirement for programmed State improvements
  - \$350,000 for improvements at pedestrian crossings
  - \$650,000 for neighborhood traffic calming and pedestrian and bicycle safety improvements such as speed humps and raised crosswalks and improved pedestrian and bicycle signage
  - \$2 million for downtown streetscape improvements consistent with the Downtown Streetscape Master Plan adopted by the Town Council in 1993
- *Library Facilities* (\$16.26 million): For expansion of the Town Library on Library Drive
- *Parks and Recreational Facilities* (\$5 million): For greenway construction projects
- *Open Space and Areas* (\$2 million): For open space purchases
- *Energy Efficiency Projects* (\$500,000): For energy efficiency improvements at public buildings and other Town facilities

## **2015 Bonds**

In November 2015, voters approved \$40.3 million in bonds. The bond projects are assigned to five individual categories as follows:

- *Sidewalks and Streets* (\$16.2 million): For improvements for bicycle and pedestrian safety, sidewalks, streets and bridges, and Downtown Streetscape.
- *Trails and Greenways* (\$5 million): For expansion of the town’s Greenway System.

# ***CAPITAL PROGRAM – MAJOR REVENUE SOURCES***

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- Recreation Facilities (\$8 million): Renovations to parks, Parks & Recreation administrative space, and a community programming space.
- Solid Waste Options (\$5.2 million): Develop options for future solid-waste removal.
- Stormwater Improvements (\$5.9 million): For drainage improvements, flood control and stream restoration.

The Town issued \$9 million of General Obligation bonds in February 2017.

## **Two-Thirds Bonds**

By NC General Statutes, the Town is able to issue two-thirds bonds without a referendum in an amount equivalent to two-thirds of the principal amount of debt retired in the prior fiscal year. The Town issued \$1.6 million in two-thirds bonds in March 2017.

## **Stormwater Management Funds**

Stormwater Management fees provide funding for the Town's Stormwater Management Department, including capital projects.

## **Parking Funds**

Fees collected from Town-operated on-street and off-street parking areas provide funding for the Parking Services Department, including capital projects.

## **Other Sources**

- Community Development Block Grant (CDBG): The Town receives annual federal grants from the U. S. Department of Housing and Urban Development (HUD). The Council approves a general 5-year spending plan to benefit lower-income neighborhoods, and adopts an annual budget for these funds by a capital projects ordinance.
- Housing Capital Grant: In fiscal year 1993-94, the Town began receiving an annual entitlement for public housing renovations from the U. S. Department of Housing and Urban Development (HUD).
- N.C. Department of Transportation (NCDOT): For most public transit projects, the Federal Transit Administration provides 80% funding and the NCDOT provides an additional 10% match. For the State's thoroughfare, bikeways and pedestrian programs, the NCDOT funds projects selected from an annual Transportation Improvements Program in which local governments request that the State fund these

## ***CAPITAL PROGRAM – MAJOR REVENUE SOURCES***

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types of projects in their community. Local requests are considered in a State-wide priority list. Projects are implemented by the NCDOT.

- *Surface Transportation Program (STP)*: The Surface Transportation Program provides flexible funding for projects on Federal-aid highways, including shared use paths and related facilities that may have recreational use, bridge projects on public roads, transit capital projects, and intracity and intercity bus terminals and facilities.
- *American Recovery and Reinvestment Act (ARRA) of 2009*: The American Recovery and Reinvestment Act of 2009 is an economic stimulus package that allocates special Capital grants. The Town received funding for fiscal year 2009-10 for repairing and modernizing public housing, increasing energy efficiency, and for building streets, sidewalks, and greenways.
- *Gifts*: Occasionally, citizens of Chapel Hill will provide the Town with contributions to be used toward a project for which the citizen holds a special interest.
- Additional financing options include Certificates of Participation (COPS) and Asset-Backed Installment Debt

## ***CAPITAL PROGRAM – KEY PROJECTS***

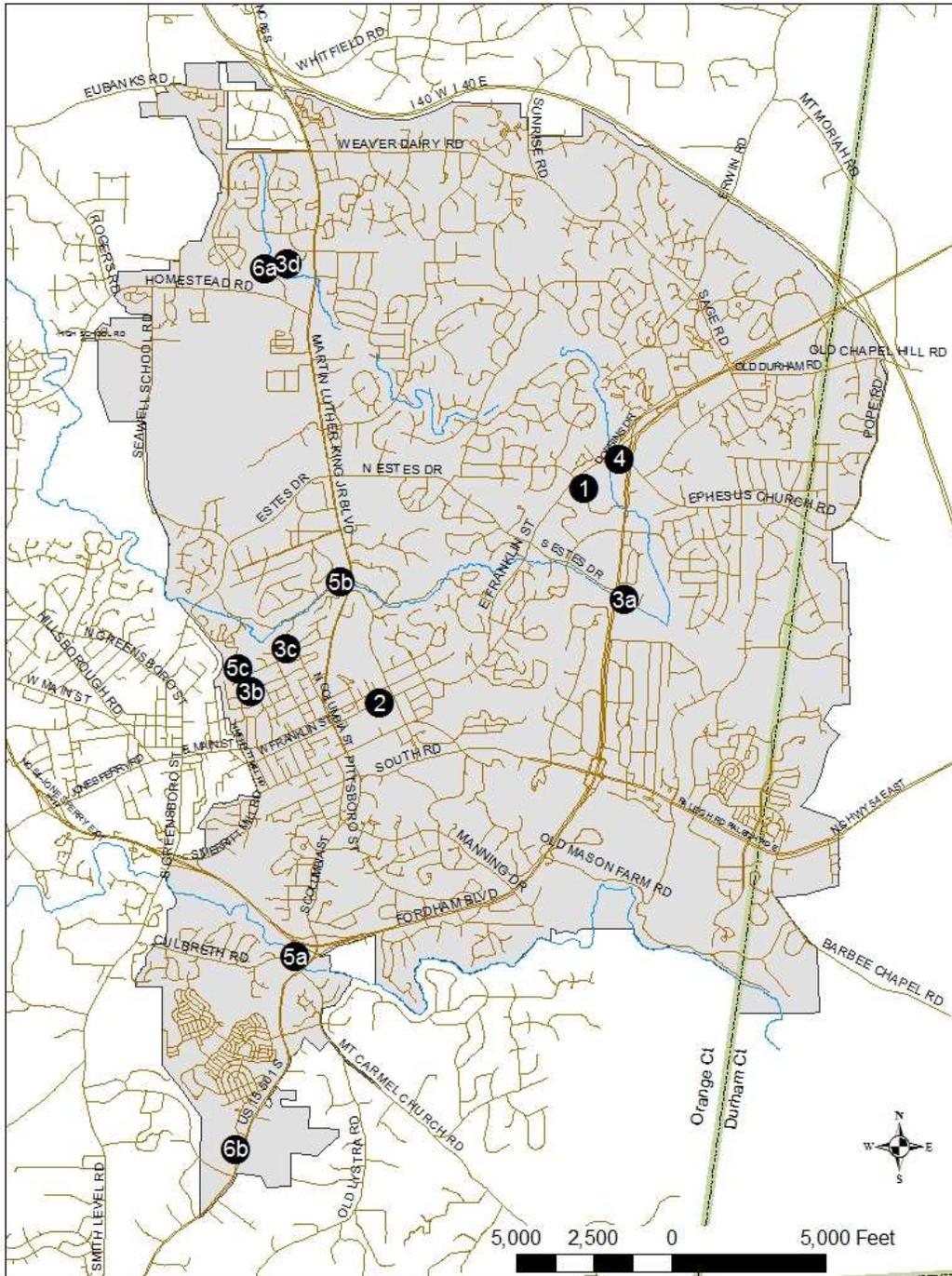
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This section highlights key projects included in the 2018-33 Capital Program. The map on the following page shows project locations.

Major projects in the Program anticipated to take place over the next five years include Ephesus Fordham improvements, roof repairs to the Wallace Deck, renovations to the roofs at several neighborhood apartments, culvert replacements at Booker Creek, and various trail expansions, replacement of playground equipment, and extending the Bolin Creek trail. Other capital projects include construction of sidewalk and bicycle facilities, new greenways, and cemetery beautification.

The Capital Program also emphasizes maintenance and renovation projects at Town facilities and Town-owned facilities leased by others, with the goal of addressing problems as they arise in order to avoid more costly repairs in the future.

# CAPITAL PROGRAM – KEY PROJECTS



## Location of Key Capital Projects

### KEY

1. Ephesus Fordham Improvements; 2 Wallace Deck; 3a. South Estes Drive; 3b. Craig/Gomains Street; 3c. Pritchard Park; 3d. Bright Sun Place; 4. Booker Creek Watershed Improvements; 5a. Morgan Creek Trail; 5b. Bolin Creek Trail; 5c. Tanyard Branch Trail; 6a. Homestead Park; 6b. Southern Community Parks

# ***CAPITAL PROGRAM – KEY PROJECTS***

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## **1. Ephesus Fordham Improvements**

The Town Council approved the Ephesus Church-Fordham Boulevard Small Area Plan and Traffic Analysis in 2011. The plan recommended the following Phase I Roadway Improvements:

- Ephesus Church-Fordham Boulevard Intersection Improvements
- Fordham Boulevard at Rams Plaza Access Improvements
- Fordham Boulevard at Super Street U-Turn Connection

Design for Phase I Roadway Improvements was completed in 2015. Construction began in April 2016 and is expected to be completed in October 2016. This project represents approximately \$2 million of infrastructure improvements that will improve traffic flow and bicycle and pedestrian safety in the Ephesus-Fordham area, which has the highest number of traffic accidents in Town. Construction costs will be reimbursed by the North Carolina Department of Transportation. Reimbursement is expected in Fall 2017.

The Ephesus Church-Fordham Boulevard Small Area Plan and Traffic Analysis also recommended future phases of improvements, including extending Elliott Road. Conceptual design is underway for Elliott Road and 25% plans are expected in Fall 2016.

## **2. Wallace Deck**

The Wallace Deck has a water infiltration problem caused by value engineering decisions made during construction. Waterproofing between the two layers on the top of the structure was omitted during construction, which has led to water infiltration. Ultimately this will cause structural deterioration. Roof repairs, including the placement of a waterproof barrier are needed to prevent structural deterioration.

## **3. Public Housing**

The FY17 CIP includes funding for needed repairs to public housing apartments, facilities and sites. These improvements to the public housing apartments will provide safe and sanitary living conditions to the lower-income citizens of Chapel Hill. Locations include repairs and renovations to public housing apartments and facilities at Craig Gorman Street, South Estes Drive, Pritchard Park, and Bright Sun Place.

## **4. Booker Creek Watershed Improvements**

The Booker Creek Watershed project includes stream channel and infrastructure improvements, stream restoration, and infrastructure repair/retrofit along Booker Creek. This project will mitigate flooding/drainage problems as well as improve water quality conditions.

# ***CAPITAL PROGRAM – KEY PROJECTS***

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## **5. Greenways & Trails Projects**

Morgan Creek Trail (Phase 3): The next phases of the Morgan Creek Trail are currently in the design phase. There are four separate sub-projects for design purposes. For construction these might be bid separately or bundled together. One project will extend the trail east from Merritt's Pasture, along Fordham Boulevard to Morgan Creek Road. Another project will extend the trail from the existing parking lot westward to Smith Level Road. We are also designing an expansion of the existing parking lot and a separate pedestrian bridge at Ashe Place. Design and permitting is underway and should be completed in 2018.

Bolin Creek Trail (Phase 3): The Bolin Creek Trail (Phase 3) project includes an extension of the existing Bolin Creek Trail about .5 miles from Martin Luther King Jr. Boulevard west along Bolin Creek to Umstead Park. The project includes underpasses of Martin Luther King Jr. Blvd and Pritchard Avenue Extension and 2 bridges over Bolin Creek. Construction was mostly completed in June 2017. One remaining section east of Martin Luther King Jr. Blvd. remains unfinished due to the coal ash situation on the Police Department property.

Tanyard Branch Trail (Phase 3): This project will provide a direct link from the downtown/Northside neighborhood to the Bolin Creek Trail. The trail will extend the existing trail near McMasters Street to Umstead Park, where it will merge with the Bolin Creek Trail. The project should start in August 2017 and be completed in about one year.

## **6. Small Parks Improvements**

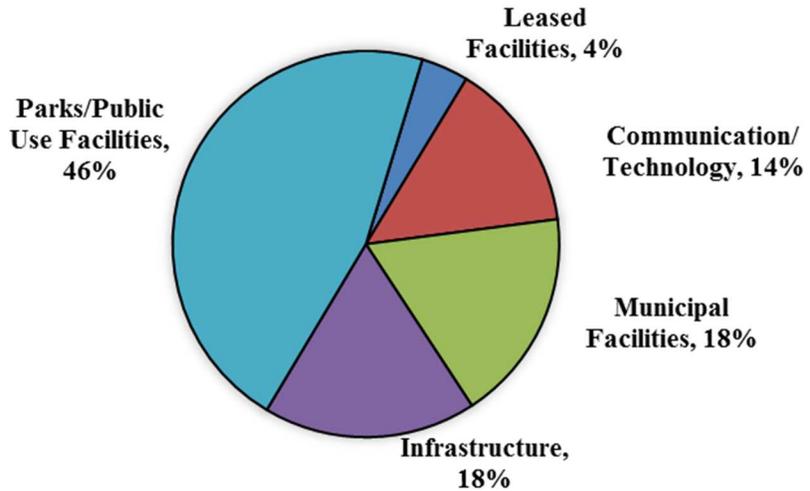
In FY10, the Town began process of replacing playground equipment in all Town parks that are in need of replacement or capital level repair due to aging and in order to comply with Americans with Disabilities Act and Consumer Product Safety Commission guidelines. The Town is now in year seven of this process. In FY18, the Town will focus on Homestead and Southern Community Parks. The goal of the playground replacement program is to provide safe, accessible facilities for the citizens of Chapel Hill.

# CAPITAL IMPROVEMENTS FUND

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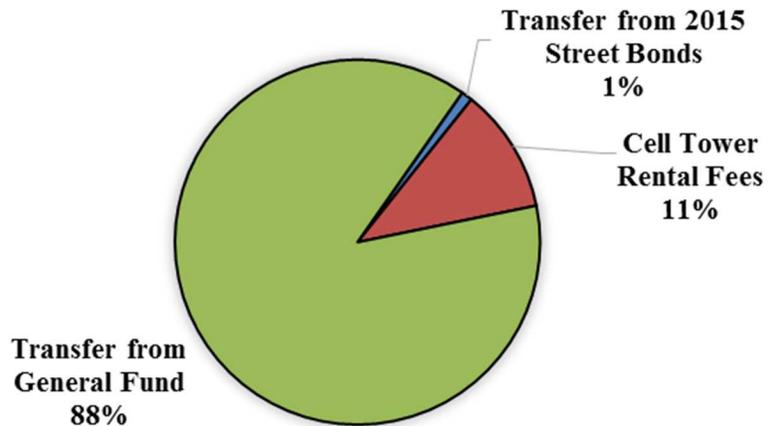
The Capital Improvements Fund generally accounts for purchases and construction that can be completed within a single year. Capital Improvements Fund (CIP) projects are prioritized as part of the Town's 15-year capital program.

## CAPITAL IMPROVEMENTS FUND EXPENDITURES



**Total \$561,260**

## CAPITAL IMPROVEMENTS FUND REVENUES



# ***CAPITAL IMPROVEMENTS FUND***

## ***BUDGET SUMMARY***

The budget for the Capital Improvements Program for 2017-18 totals \$561,260 and includes projects to be completed in 2017-18.

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### **EXPENDITURES**

	<b>2015-16 Actual</b>	<b>2016-17 Original Budget</b>	<b>2016-17 Revised Budget</b>	<b>2016-17 Estimated</b>	<b>2017-18 Adopted Budget</b>
Municipal Facilities	\$ 358,984	\$ 300,000	\$ 938,699	\$ 938,699	\$ 100,000
Public Safety	636,424	-	1,002,675	1,002,675	-
Facilities Leased by Others	49,658	22,260	36,987	36,987	22,260
Infrastructure	(103,147)	175,000	331,337	331,337	100,000
Communication/Technology	925,524	71,174	71,174	71,174	80,000
Parks/Public Use Facilities	718,112	330,000	705,494	705,494	259,000
Transfers/Financing Costs	2,547,214	-	965,000	-	-
<b>Total</b>	<b>\$ 5,132,769</b>	<b>\$ 898,434</b>	<b>\$ 4,051,366</b>	<b>\$ 3,086,366</b>	<b>\$ 561,260</b>

### **REVENUES**

	<b>2015-16 Actual</b>	<b>2016-17 Original Budget</b>	<b>2016-17 Revised Budget</b>	<b>2016-17 Estimated</b>	<b>2017-18 Adopted Budget</b>
Revenue in Lieu	-	-	141,709	-	-
Housing Rent Proceeds	\$ 22,238	\$ 22,260	\$ 22,260	\$ 22,260	\$ 22,260
Cell Tower Rental Fees	70,081	70,000	70,000	70,000	60,000
UNC Contribution	-	-	69,000	69,000	-
Grants	76,083	-	-	-	-
Interest on Investments	3,432	2,500	2,500	2,500	2,500
Transfer from 2015 Street Bonds	-	-	202,150	202,150	-
2016 Installment Financing	3,142,503	-	500,000	500,000	-
Transfer from General Fund	778,000	778,000	778,000	778,000	476,500
Appropriated Fund Balance	1,040,432	25,674	2,265,747	1,442,456	-
<b>Total</b>	<b>\$ 5,132,769</b>	<b>\$ 898,434</b>	<b>\$ 4,051,366</b>	<b>\$ 3,086,366</b>	<b>\$ 561,260</b>

# ***CAPITAL IMPROVEMENTS FUND***

## ***DETAIL EXPENDITURES***

	<b>2015-16 Actual</b>	<b>2016-17 Original Budget</b>	<b>2016-17 Revised Budget</b>	<b>2016-17 Estimated</b>	<b>2017-18 Adopted Budget</b>
<b>MUNICIPAL OPERATIONS FACILITIES</b>					
Extraordinary Maintenance, Emergency Repairs	\$ 71,686	\$ 100,000	\$ 135,393	\$ 135,393	\$ 100,000
Town Hall Renovation	119,703	-	404,097	404,097	-
Town Hall Parking Lot	24,862	-	34,807	34,807	-
Town Hall Flood	77,029	-	1,310	1,310	-
Facility Condition Assessment	-	-	85,000	85,000	-
Small Capital Improvements	65,704	100,000	178,092	178,092	-
Fire Extraordinary Maintenance	-	100,000	100,000	100,000	-
<b>Subtotal</b>	<b>\$ 358,984</b>	<b>\$ 300,000</b>	<b>\$ 938,699</b>	<b>\$ 938,699</b>	<b>\$ 100,000</b>
<b>PUBLIC SAFETY</b>					
Fire Truck	\$ 636,424	\$ -	\$ 2,675	\$ 2,675	\$ -
Hamilton Rd. Fire Station	-	-	1,000,000	1,000,000	-
<b>Subtotal</b>	<b>\$ 636,424</b>	<b>\$ -</b>	<b>\$ 1,002,675</b>	<b>\$ 1,002,675</b>	<b>\$ -</b>
<b>TOWN FACILITIES LEASED BY OTHERS</b>					
Housing Maintenance	\$ 49,658	\$ 22,260	\$ 36,987	\$ 36,987	\$ 22,260
<b>Subtotal</b>	<b>\$ 49,658</b>	<b>\$ 22,260</b>	<b>\$ 36,987</b>	<b>\$ 36,987</b>	<b>\$ 22,260</b>
<b>INFRASTRUCTURE</b>					
Variable Message Sign System	\$ 23,871	\$ -	\$ 69,880	\$ 69,880	\$ -
Ephesus Ch./Fordham Engineering	(209,466)	-	-	-	-
Path, Trail and Lot Maintenance	9,996	50,000	56,747	56,747	50,000
Traffic Calming/Bike & Ped.	28,762	75,000	76,919	76,919	-
Curbs / ADA	43,690	50,000	58,791	58,791	50,000
Friday Center Drive	-	-	69,000	69,000	-
<b>Subtotal</b>	<b>\$ (103,147)</b>	<b>\$ 175,000</b>	<b>\$ 331,337</b>	<b>\$ 331,337</b>	<b>\$ 100,000</b>

# ***CAPITAL IMPROVEMENTS FUND***

## ***DETAIL EXPENDITURES***

	<b>2015-16 Actual</b>	<b>2016-17 Original Budget</b>	<b>2016-17 Revised Budget</b>	<b>2016-17 Estimated</b>	<b>2017-18 Adopted Budget</b>
<b>COMMUNICATIONS AND TECHNOLOGY</b>					
Document Management	\$ 100,996	\$ -	\$ -	\$ -	\$ -
General Technology	52,025	71,174	71,174	71,174	80,000
Fiber Optic Network	623,503	-	-	-	-
Fire Radios	149,000	-	-	-	-
<b>Subtotal</b>	<b>\$ 925,524</b>	<b>\$ 71,174</b>	<b>\$ 71,174</b>	<b>\$ 71,174</b>	<b>\$ 80,000</b>
<b>PARKS AND OTHER PUBLIC USE FACILITIES</b>					
Greenways	\$ 181,963	\$ 80,000	\$ 102,918	\$ 102,918	\$ -
Bolin Creek Trail	243,856	-	-	-	-
Playground Replacement	99,058	100,000	137,225	137,225	100,000
Accessible Playground	21,518	-	16,621	16,621	-
Cemetery Beautification	12,611	-	123,592	123,592	-
Meadowmont	-	-	141,709	141,709	159,000
Small Park Improvements	130,113	150,000	152,422	152,422	-
Meadowmont Dam	28,993	-	31,007	31,007	-
<b>Subtotal</b>	<b>\$ 718,112</b>	<b>\$ 330,000</b>	<b>\$ 705,494</b>	<b>\$ 705,494</b>	<b>\$ 259,000</b>
<b>TRANSFER TO OTHER FUNDS AND FINANCING COSTS</b>					
2016 Installment Financing (EphesusFordham, Town Hall, Other)	\$ 2,200,000	\$ -	\$ -	\$ -	\$ -
Wallace Parking Deck	106,056	-	-	-	-
Streets & Sidewalks	202,150	-	-	-	-
Basnight Lane Parking Expansion	-	-	115,000	-	-
Replace Parking Meters	-	-	400,000	-	-
Capital Projects Ordinance Fund	-	-	450,000	-	-
Issuing Cost for Financing	39,008	-	-	-	-
<b>Subtotal</b>	<b>\$ 2,547,214</b>	<b>\$ -</b>	<b>\$ 965,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTALS</b>	<b>\$ 5,132,769</b>	<b>\$ 898,434</b>	<b>\$ 4,051,366</b>	<b>\$ 3,086,366</b>	<b>\$ 561,260</b>

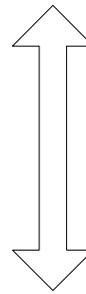
# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

This section provides descriptions of capital projects funded in the 2017-18 budget shown in Table 1. The projects listed are those funded or proposed to receive funding through the Capital Improvements Fund, Stormwater Management Funds, Grant Funds and/or Special Purpose Funds.

The descriptions include information on the total funding proposed for each project, the funding source, the project location, the estimated impact on the operating budget, and where the project is listed in the 15-Year Project Tables which follow this section.

***Explanation: Operating Budget Impact***

Each project description includes an assessment of the operating budget impact from implementing the project. For example, the development of a new park would increase the maintenance and programming costs for the Parks and Recreation Department. Not all projects would increase the operating budget costs. For example, renovations of a Town facility would have a net positive effect on the operating budget by reducing maintenance items funded out of departments’ operating budgets. The impact levels are shown in the adjacent chart.



*High:* More than \$25,000 a year  
*Moderate:* \$5,000 to \$25,000 a year  
*Low:* \$1,000 to \$5,000 a year  
*Very Low:* Less than \$1,000 a year  
*No Impact:* No impact on operating budget



*Positive:* Project will save operating budget funds.

# PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS

*Illustration: Tips for Reading Project Descriptions*

## MUNICIPAL OPERATIONS FACILITIES

Project Category

Project Name

### Extraordinary Maintenance, Emergency Repairs

From time to time, unanticipated failures occur in building systems that require immediate emergency repairs. Examples of projects include roof repairs, HVAC system repair, asbestos/lead abatements, vandalism remediation, swimming pool mechanical system repairs and hazardous material spill abatements.

Description

Where to find project in Tables 1, 2 or 3, which appear after this section

Table 1, Ref #1

Various sites

Effect on Town's operating budget when project is implemented.

Table and Ref #:

Location:

Operating Budget Impact:

Positive (Thousands annually): Funding will reduce need to use operating funds for emergency repairs.

### Adopted 2017-18 Budget and Projected Expenditures

Fiscal Year					5-Year Total	15-Year Total*	Funding Source
2017-18	2018-19	2019-20	2020-21	2021-22	Through 2021-22	Through 2031-32	
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund

Summary of 2017-18 budget and projected expenditures for project. See Projects by Funding Source tables (Tables 1 through 3) for projected expenditures for all 15 years.

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

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## **MUNICIPAL OPERATIONS FACILITIES**

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### **Extraordinary Maintenance, Emergency Repairs**

From time to time, unanticipated failures occur in building systems that require immediate emergency repairs. Examples of projects include roof repairs, HVAC system repairs, asbestos/lead abatements, vandalism remediation, swimming pool mechanical system repairs and hazardous material spill abatements.

*Table and Ref #:* Table 1, Ref #1  
*Location:* Various sites  
*Operating Budget Impact:* Positive (Thousands annually): Funding will reduce need to use operating funds for emergency repairs.

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total*</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund

### **Comprehensive Public Housing Renovation**

Federal funding sources will be used to upgrade the condition of the public housing apartments and sites. In recent years work has been completed in the Trinity Court, South Estes Drive, Craig-Gomains, S. Roberson St. and Lindsay St. neighborhoods.

*Table and Ref #:* Table 2, Ref #36  
*Location:* Public Housing sites  
*Operating Budget Impact:* Positive (Tens of thousands annually): Renovations will reduce need to make repairs using operating budget funds.

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$549,598	\$549,598	\$549,598	\$549,598	\$549,598	\$2,747,990	\$8,243,970	Community Development Block Grant Program

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

## **Wallace Parking Facility**

Funding will be used to focus on structural and waterproofing items, including spalls, cracks, expansion joints and painting, with a general assessment of major systems such as lighting, electrical conduit, plumbing, painting, façade conditions, and other miscellaneous items readily visible in the parking garage.

*Table and Ref #:*                      Table 2, Ref #50  
*Location:*                                      Wallace Parking Deck  
*Operating Budget Impact:*    No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$393,674) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Limited Obligation Bonds

## **Hargraves Roof Replacement**

Funding will replace the old shingles with a slate roof as a way to increase the lifespan of the roof, provide better fire protection, and be invulnerable to rot and insects.

*Table and Ref #:*                      Table 2, Ref #54  
*Location:*                                      Town Hall  
*Operating Budget Impact:*    No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$290,000) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

**Town Hall HVAC Improvements**

Funding will upgrade and improve the existing HVAC system at Town Hall. This project will include engineering review of existing system and controls, add new zones to improve occupant comfort, add new sensors to improve safety and monitor air quality, and upgrade existing equipment to improve comfort levels in the building.

*Table and Ref #:*                      Table 2, Ref #53  
*Location:*                                      Town Hall  
*Operating Budget Impact:*      No Impact

***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$51,303) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	2018-19	2019-20	2020-21	2021-22	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

**Town Hall Emergency Generator**

Funding will purchase a new emergency generator that will enable emergency power at Town Hall. A new generator will allow all of Town Hall to be able to operate during inclement weather or power-outage.

*Table and Ref #:*                      Table 2, Ref #52  
*Location:*                                      Town Hall  
*Operating Budget Impact:*      No Impact

***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$629,994) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	2018-19	2019-20	2020-21	2021-22	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

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## **PUBLIC SAFETY**

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### **Fire Self-Contained Breathing Apparatus**

Funding will provide new self-contained breathing apparatus (SCBA) equipment for the Fire Department. The new equipment will provide breathable air in an “Immediately Dangerous to Life or Health” atmosphere.

*Table and Ref #:*                      Table 2, Ref #60  
*Location:*                                      Various sites  
*Operating Budget Impact:*              No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$27,150) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total*</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Multi-Year Capital Project Ordinance

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

## **INFRASTRUCTURE**

### **Capital Repairs - Bike Paths, Paved Trails and Public Parking Areas**

Funds will pay for repair and maintenance of existing paved pedestrian paths, trails and parking lots. Repair needs have been identified at fire stations, public housing developments, Parks and Recreation facilities and other locations.

*Table and Ref #:* Table 1, Ref #13  
*Location:* Various Sites  
*Operating Budget Impact:* Positive (More than \$1,000 annually):  
 Repairs will reduce need to use operating budget funds to address needs.

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$750,000	Capital Improvements Fund

### **Curb Repairs: ADA Compliance**

The Town is retrofitting curb ramps by installing truncated domes that alert pedestrians with vision impairments of their approach into a street. The inclusion of funds in the Town’s annual CIP confirms our commitment to meeting ADA requirements as presently interpreted to include truncated domes. We also believe that this plan satisfies legislative intent.

*Table and Ref #:* Table 1, Ref #15  
*Location:* Various Sites  
*Operating Budget Impact:* No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$750,000	Capital Improvements Fund

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

**Stormwater Project Construction/Design**

Funding will provide stream channel and infrastructure improvements, stream restoration, and infrastructure repair/retrofit throughout the Town. This project will mitigate flooding/drainage problems as well as improve water quality conditions.

*Table and Ref #:* Table 2, Ref #61  
*Location:* Various Sites  
*Operating Budget Impact:* No Impact

***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$750,000	Stormwater Management Fund

**Rogers Road Design & Engineering**

This collaborative project between the Town of Chapel Hill, the Town of Carrboro, and Orange County will provide funding for a new sewer service and to create a master plan for the Rogers Road – Eubanks Road Neighborhood.

*Table and Ref #:* Table 2, Ref #79  
*Location:* Rogers Road-Eubanks Road Neighborhood  
*Operating Budget Impact:* No Impact

***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$1,058,000) budgeted in NCDOT Direct Allocation Grant in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Multi-Year Capital Project Ordinance

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

## **Friday Center Drive Bike & Pedestrian Improvements**

Funding will construct bicycle facilities along Friday Center Drive in accordance with the Chapel Hill Bicycle and Pedestrian Action Plan.

*Table and Ref #:*                      Table 2, Ref #77  
*Location:*                                      Various sites  
*Operating Budget Impact:*      No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$665,000) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	2018-19	2019-20	2020-21	2021-22	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

## **Estes Drive Bike and Pedestrian Improvements**

Funding will include bike lanes and sidewalks on the north and south sides of Estes Drive and an off-road multi-use trail on the north side. The work supports goals outlined in Chapel Hill 2020 comprehensive plan and The Chapel Hill Bike Plan.

*Table and Ref #:*                      Table 2, Ref #78  
*Location:*                                      Various sites  
*Operating Budget Impact:*      No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$224,390) budgeted in NCDOT Direct Allocation Grant in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	2018-19	2019-20	2020-21	2021-22	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	NCDOT Direct Allocation Grant

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

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## **COMMUNICATIONS AND TECHNOLOGY**

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### **General Technology**

Installing non-water fire suppression systems in server rooms at multiple locations in the place of water sprinklers.

*Table and Ref #:* Table 1, Ref #18

*Location:* Police

*Operating Budget Impact:* No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$80,000	\$500	\$500	\$500	\$500	\$100,000	\$87,000	Capital Improvements Fund

### **Public Safety Radios/Body Cameras**

Funding will replace aging public safety radios and will provide every police officer on patrol with a body camera.

*Table and Ref #:* Table 3, Ref #87

*Location:* Technology Solutions

*Operating Budget Impact:* No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$241,322) budgeted in Two-Thirds Bonds in FY2016-17.</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Two-Thirds Bonds

# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

## ***PARKS AND OTHER PUBLIC USE FACILITIES***

### **Bridge Replacement Meadowmont Park**

These projects will replace two old trail bridges in Meadowmont Park and over Little Creek. One of the bridges was identified in a recent study as a structure needing immediate repair. The \$159,000 will pay for approximately half the total cost of the project; the rest will come from payment-in-lieu funding.

*Table and Ref #:* Table 1, Ref #26  
*Location:* Various Sites  
*Operating Budget Impact:* Positive (More than \$1,000 annually):  
 Projects will reduce need to use operating budget funds for repairs at parks.

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$159,000	-	-	-	-	\$159,000	-	Capital Improvements Fund

### **Playgrounds**

Playground equipment in various locations throughout the Town is in need of replacement in order to comply with current safety and ADA guidelines. Playground equipment will be replaced at Homestead Park and Southern Community Park.

*Table and Ref #:* Table 1, Ref #31  
*Location:* Various locations  
*Operating Budget Impact:* Positive (Hundreds per year): Projects will reduce need to use operating budget for repairs.

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund



# ***PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS***

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## **Parks Facilities**

Funding will provide for the replacement of the Cedar Falls toilet building, tennis court reconstruction, and playground equipment at Umstead Park. All of these projects address capital needs that have been deferred in prior years' CIP.

*Table and Ref #:*                      Table 3, Ref #102  
*Location:*                                      Various sites  
*Operating Budget Impact:*              No Impact

### ***Adopted 2017-18 Budget and Projected Expenditures***

<i>Fiscal Year (\$700,000) budgeted in multi-year fund in FY 2012-13</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<i>Through 2021-22</i>	<i>Through 2031-32</i>	
-	-	-	-	-	-	-	Two-thirds Bonds (2012)



## ***CAPITAL PROGRAM TABLES – INTRODUCTION***

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The Capital Improvements Program contains tables that outline the adopted budget for CIP projects in fiscal year 2017-18 and projected expenditures in future fiscal years for all funds, from 2017-18 through 2031-32. These tables are as follows:

- **Table 1. Capital Improvements.** Table 1 lists projects identified for Capital Improvements. Projects listed include adopted projects for 2017-18 and other identified capital improvement needs for future years.
- **Table 2. Other Sources.** Table 2 lists capital projects funded by grants or other available or anticipated funding sources other than the Capital Improvements Fund. These project budgets would be established by separate project ordinances.
- **Table 3. 2003 Bonds – Approved Bond Schedule.** Table 3 lists projects to be funded using bonds voters approved in November 2003 and shows the bond-sale schedule approved by the Council.

**TABLE 1: Capital Improvements**

Reference #	Project	2015-16 Budget Revised	2016-17 Adopted Budget	2017-18
<b>Municipal Operations Facilities</b>				
1	Extraordinary Maintenance	\$ 135,393	\$ 100,000	\$ 100,000
2	Town Hall Renovation	404,097	-	-
3	Town Hall Flood	1,310	-	-
4	HRD Training Room	-	-	200,000
5	Small Capital Improvements	178,092	-	-
6	Facility Condition Assessment	85,000	-	-
7	Town Hall Parking Deck Maintenance	34,807	-	-
8	Fire Extraordinary Maintenance	100,000	-	-
<b>Public Safety</b>				
9	Fire Truck	2,675	-	-
10	Fire Station Roof Replacement	-	-	130,000
11	Hamilton Road Fire Station	1,000,000	-	-
<b>Town Facilities Leased by Others</b>				
12	Housing Maintenance	36,987	22,260	-
<b>Infrastructure</b>				
13	Parking Lots/Paths/Trails	56,747	50,000	50,000
14	Neighborhood Traffic Calming, Pedestrian & Bicycle Improvements	76,919	-	-
15	Curb Cut Improvements (ADA)	58,791	50,000	50,000
16	Variable Message Sign System	69,880	-	-
17	Friday Center Drive Private Road	69,000	-	-
<b>Communications</b>				
18	General Technology	71,174	80,000	500
19	Virtual Servers	-	-	115,000
20	UPS for Library	-	-	40,000
21	Network Monitoring & Security	-	-	84,110
<b>Parks and Other Public Use Facilities</b>				
22	Cemetery Beautification	123,592	-	-
23	Small Parks Improvements	152,422	-	-
24	Meadowmont Dam	31,007	-	-
25	Greenways	102,918	-	-
26	Bridge Replacement Meadowmont Park	141,709	159,000	-
27	Demolition of Sport Art Gymnastics Building	-	-	95,000
28	Replacement of HVAC Equipment at Public Works	-	-	-
29	Replacement of HVAC Equipment at Transit	-	-	-
30	Property Line Marking	-	-	54,000
31	Accessible Playground	16,621	-	-
32	Playgrounds	137,225	100,000	100,000
<b>Transfer to Other Funds and Financing Costs</b>				
34	Basnight Lane Parking Expansion	115,000	-	-
35	Capital Projects Ordinance Fund	450,000	-	-
36	Replace On-Street Parking Meters	400,000	-	-
	<b>Total</b>	<b>\$ 4,051,366</b>	<b>\$ 561,260</b>	<b>\$ 1,018,610</b>

\*Future years after FY2016-17 are for planning purposes only.

2018-19	2019-20	2020-21	2021-31	Reference #
\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	1
-	-	-	-	2
-	-	-	-	3
-	-	-	-	4
-	-	-	-	5
-	-	60,000	-	6
-	-	-	-	7
-	-	-	-	8
				8
-	-	-	-	9
-	-	-	-	10
-	-	-	-	11
-	-	-	-	12
50,000	50,000	50,000	500,000	13
-	-	-	-	14
50,000	50,000	50,000	500,000	15
-	-	-	-	16
-	-	-	-	17
500	500	500	-	18
12,000	12,000	12,000	120,000	19
5,000	5,000	5,000	50,000	20
9,620	9,620	9,620	96,200	21
-	-	-	-	22
-	-	-	-	23
-	-	-	-	24
-	-	-	-	25
-	-	-	-	26
-	-	-	-	27
-	32,500	267,500	-	28
-	21,500	215,000	-	29
55,000	57,000	59,000	590,000	30
-	-	-	-	31
100,000	100,000	100,000	1,000,000	32
-	-	-	-	34
-	-	-	-	35
-	-	-	-	36
\$ 382,120	\$ 438,120	\$ 928,620	\$ 3,856,200	

**TABLE 2: Other Sources - Current Year Budget and Future Year Budget Requests**

Reference #	Project	Revised Budget 2016-17	Adopted 2017-18	2018-19
	<b>Municipal Operations Facilities</b>			
36	Comprehensive Public Housing Renovations	\$ -	\$ 549,598	\$ 549,598
37	Comprehensive Public Housing Renovations	521,212	-	-
38	Comprehensive Public Housing Renovations	430,631	-	-
39	Comprehensive Public Housing Renovations	399,303	-	-
40	Comprehensive Public Housing Renovations	192,002	-	-
41	Fire Station 3 Replacement	-	-	-
42	Building Addition to Public Works	-	-	-
43	Library Roof Replacement			
44	Transit Roof Replacement	-	-	-
45	Public Works Roof Replacement	-	-	-
46	100 West Rosemary Renovation	-	-	450,000
47	Public Safety Headquarters	-	-	1,020,876
48	Parks & Recreation Facility	-	-	142,982
49	Solid Waste Transfer Station	-	-	-
50	Wallace Parking Facility	393,674	-	-
51	Multi-Agency Complex Project	1,601,418	-	-
52	Town Hall Emergency Generator	629,994	-	-
53	Town Hall HVAC Improvements	51,303	-	-
54	Hargraves Roof Replacement	290,000	-	-
55	Energy Efficiency Projects	180,611	-	-
	<b>Public Safety</b>			
56	Rescue Unit	-	-	1,008,000
57	Engine 31	-	-	-
58	Tower Unit 73	-	-	-
59	Engine 35	-	-	-
60	Fire Self-Contained Breathing Apparatus	27,510	-	-
	<b>Infrastructure</b>			
61	Stormwater Projects	75,000	75,000	75,000
62	ADA Improvements	-	-	45,000
63	Small/Medium Drainage Maintenance and Improvement	-	-	-
64	Teen Center/Archives Renovation			175,000
65	Infrastructure Capital Improvement Program	-	-	-
66	Water Quality Capital Improvement Program	-	-	-
67	South Elliot Road Culvert Replacement	882,930	-	-
68	Booker Creek Road Culvert Replacement	300,000	-	-
69	Subwatershed Modeling	420,681	300,000	-
70	140 West Project	192,600	-	-
71	Downtown Parking Deck			
72	Downtown Parking Lot	-	-	3,386,125
73	Replace gate and ticket equipment - Wallace Deck	66,497	-	-
74	AVI Reader System - Wallace Deck	35,322	-	-
75	Parking Lot Construction	150,000	-	-
76	Ridge Road Reconstruction	250,000	-	-
77	Friday Center Drive Bike & Ped Improvements <sup>d</sup>	665,000	-	-
78	Estes Drive Bike & Ped Improvements <sup>d</sup>	224,390	-	-
79	Rogers Road Design and Engineering	1,058,000	-	-
80	Traffic Signal Improvement	226,069	-	-
81	Ephesus Fordham Improvements	4,312,390	-	-
	<b>Parks and Other Public Use Facilities</b>			
82	Meadowmont Bridge	126,238	-	-
	<b>TOTAL</b>	<b>\$ 13,702,775</b>	<b>\$ 924,598</b>	<b>\$ 6,852,581</b>

Note: Future years after FY2017-18 are for planning purposes only.

\*In addition to the funding shown on this table, these projects are also funded by Streets & Sidewalks Bonds.

2019-20	2020-21	2021-22	2022-32	Fund Source	Reference #
\$ 549,598	\$ 549,598	\$ 549,598	\$ 5,495,980	HUD Grant	36
-	-	-	-	HUD Grant	37
-	-	-	-	HUD Grant	38
-	-	-	-	HUD Grant	39
-	-	-	-	HUD Grant	40
150,000	2,400,000	750,000	-	Future Bond Issuance	41
-	-	-	1,920,000	Future Bond Issuance	42
			400,000	Future Bond Issuance	43
-	-	-	400,000	Future Bond Issuance	44
-	-	-	575,000	Future Bond Issuance	45
3,300,000	-	-	-	Future Bond Issuance	46
1,722,377	21,651,971	191,375	-	Future Bond Issuance	47
257,368	3,235,350	28,596	-	Future Bond Issuance	48
75,000	425,000	4,700,000	-	Future Bond Issuance	49
-	-	-	-	Limited Obligation Bonds	50
-	-	-	-	Multi-year Capital Project Ord.	51
-	-	-	-	2015 Installment Financing	52
-	-	-	-	2015 Installment Financing	53
-	-	-	-	2015 Installment Financing	54
-	-	-	-	2015 Installment Financing	55
-	-	-	-	Future Bond Issuance	56
-	-	-	1,373,428	Future Bond Issuance	57
-	-	-	2,738,336	Future Bond Issuance	58
-	-	-	1,641,278	Future Bond Issuance	59
-	-	-	-	2015 Installment Financing	60
75,000	75,000	75,000	750,000	Stormwater Management Funds	61
535,000	-	-	-	Future Bond Issuance	62
-	-	-	1,000,000	Stormwater Management Funds	63
1,850,000				Future Bond Issuance	64
-	-	-	5,500,000	Stormwater Management Funds	65
-	-	-	5,500,000	Stormwater Management Funds	66
-	-	-	-	Stormwater Management Funds	67
-	-	-	-	Stormwater Management Funds	68
-	-	-	-	Stormwater Management Funds	69
-	-	-	-	Limited Obligation Bonds	70
2,712,827	2,794,212	28,878,039	-	Future Bond Issuance	71
305,009	-	-	-	Future Bond Issuance	72
-	-	-	-	Parking Revenue	73
-	-	-	-	Parking Revenue	74
-	-	-	-	Parking Revenue	75
-	-	-	-	UNC Contribution	76
-	-	-	-	Multi-year Capital Project Ord.	77
-	-	-	-	NCDOT Direct Allocation Grant	78
-	-	-	-	Multi-year Capital Project Ord.	79
-	-	-	-	NCDOT Direct Allocation Grant	80
-	-	-	-	2016 Installment Financing	81
-	-	-	-	Multi-year Capital Project Ord.	82
<b>\$ 11,532,179</b>	<b>\$ 31,131,131</b>	<b>\$ 35,172,608</b>	<b>\$ 27,294,022</b>		

**Table 3: Issued Bond Projects**

Reference #	Council Priority	Project Name	Category	2004 Bond Sale (\$4,000,000)		2006 Bond Sale (\$4,950,000)	
				2004-05	2005-06	2006-07	2007-08
<b>Municipal Operations Facilities</b>							
83	2	Energy Efficiency Projects	Public Buildings	\$ 392,600	\$ -	\$ -	\$ -
84	2	Sustainable Community Project - Local Match	Public Buildings	17,400	-	-	-
85	7	Energy Management System: Town Hall HVAC	Public Buildings	-	90,000	-	-
<b>Public Safety</b>							
86	5	100 Foot Fire Ladder Truck	Public Safety	-	-	-	-
87	5	Public Safety Radios/Body Cameras	Public Safety	-	-	-	-
<b>Infrastructure</b>							
88	2	Downtown Improvements - Streetscape	Sidewalks & Streets	500,000	-	1,000,000	-
89		Capital Project Management, Bond Issuance Costs	Sidewalks & Streets	-	-	-	-
90	2	Neighborhood Traffic Calming, Pedestrian, and Bicycle Improvements	Sidewalks & Streets	50,000	250,000	-	-
91	2	Pedestrian Amenities at Town Owned Traffic Signals	Sidewalks & Streets	20,000	80,000	50,000	-
92		Public Art	Sidewalks & Streets	-	-	-	-
93	2	Streets and Bridges	Sidewalks & Streets	-	-	-	-
94	2	Sidewalks and Bicycle Facilities	Sidewalks & Streets	600,000	-	600,000	-
<b>Parks and Other Public Use Facilities</b>							
95	2	Bolin Creek Trail	Parks/Recreational Facilities	100,000	-	-	-
96	2	Dry Creek Trail	Parks/Recreational Facilities	125,000	-	16,000	-
97	2	Tanyard Branch Trail	Parks/Recreational Facilities	-	-	-	-
98	2	Morgan Creek Trail	Parks/Recreational Facilities	75,000	-	968,000	-
99	2	Open Space Acquisition	Open Space and Areas	1,200,000	-	800,000	-
100		Playground Improvements	Parks/Recreational	-	-	-	-
101	2	Upper Booker Creek Trail	2003 Bond	-	-	16,000	-
102	2	Parks Facilities	Parks/Recreational	-	-	-	-
103	2	Library Expansion	Library Facilities	500,000	-	1,500,000	-
<b>TOTAL</b>				<b>\$ 3,580,000</b>	<b>\$ 420,000</b>	<b>\$ 4,950,000</b>	<b>\$ -</b>

**COLUMN DESCRIPTION KEY**

**Council Priority**

- 1 - Council Authorized Contracts
- 2 - Projects that have a Council mandate
- 3 - Projects that we have a legal requirement to perform or complete
- 4 - Projects that would repair or maintain existing Town facilities/infrastructure above and beyond ordinary maintenance
- 5 - Projects involving public safety
- 6 - Projects which are part of an adopted master plan
- 7 - Other projects

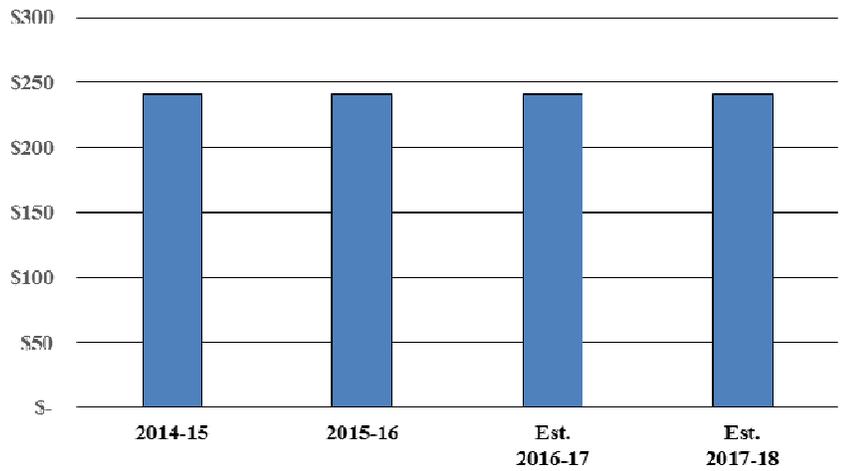
		2010 Bond Sale (\$20,760,237)		Two-Thirds Bonds (\$1,700,000)	2015 Bond Sale (\$9,615,091)	Two-Thirds Bonds (1,614,703)		
2008-09	2009-10	2010-11	2011-12	2012-13	2016-17		TOTAL	Reference #
\$ -	\$ -	\$ -	\$ -	\$ -			\$ 392,600	83
-	-	-	-	-			\$ 17,400	84
-	-	-	-	-			\$ 90,000	85
-	-	-	-	-	-	1,348,000	\$ 1,348,000	86
-	-	-	-	-	-	241,322	\$ 241,322	87
-	-	64,000	-	-	414,266		\$ 1,978,266	88
-	-	-	-	-	425,091	25,381	\$ 450,472	89
-	-	225,000	-	-	670,134		\$ 1,195,134	90
-	-	100,000	-	-	-		\$ 250,000	91
-	-	-	-	-	30,000	-	\$ 30,000	92
-	-	661,000	-	1,000,000	1,000,000		\$ 2,661,000	93
-	-	1,442,042	-	-	1,075,600		\$ 3,717,642	94
-	-	2,245,889	-	-	1,163,306		\$ 3,509,195	95
-	-	150,540	-	-			\$ 291,540	96
-	-	-	-	-	1,390,000		\$ 1,390,000	97
-	-	1,212,455	-	-	2,446,694		\$ 4,702,149	98
-	-	-	-	-			\$ 2,000,000	99
-	-	-	-	-	1,000,000		\$ 1,000,000	100
-	-	154,608	-	-			\$ 170,608	101
-	-	-	-	700,000			\$ 700,000	102
-	-	14,504,703	-	-			\$ 16,504,703	103
\$ -	\$ -	\$ 20,760,237	\$ -	\$ 1,700,000			\$ 31,410,237	

# ***CAPITAL RESERVE FUND***

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The Capital Reserve Fund accounts for funds reserved for specific capital improvement projects including water and sewer improvements.

### Capital Reserve Interest Income



## ***CAPITAL RESERVE FUND BUDGET SUMMARY***

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*No appropriations are planned for the Capital Reserve Fund for 2017-18, which had a fund balance of \$215,226 at June 30, 2016.*

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### **EXPENDITURES**

	<b>2015-16 Actual</b>	<b>2016-17 Original Budget</b>	<b>2016-17 Revised Budget</b>	<b>2016-17 Estimated</b>	<b>2017-18 Adopted Budget</b>	<b>% Change from 2016-17</b>
Reserved for CIP	\$ -	\$ -	\$ -	\$ -	\$ -	N/A
Transfer to Capital						
Improvements Fund	-	-	-	-	-	N/A
Transfer to General Fund	-	-	-	-	-	N/A
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>N/A</b>

### **REVENUES**

	<b>2015-16 Actual</b>	<b>2016-17 Original Budget</b>	<b>2016-17 Revised Budget</b>	<b>2016-17 Estimated</b>	<b>2017-18 Adopted Budget</b>	<b>% Change from 2016-17</b>
Interest on Investments	\$ 230	\$ 240	\$ 240	\$ 240	\$ 240	0.0%
Appropriated						
Fund Balance	(230)	(240)	(240)	(240)	(240)	N/A
<b>Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>N/A</b>

## **MAJOR CAPITAL BOND PROJECTS**

Several major capital improvement projects were approved by bond referenda in November of 1996, November of 2003 and November of 2015.

As authorized by General Statute 159.13.2, capital project ordinances were established for each of the projects for the life of the projects.

Expenditures for these projects through June 30, 2017 are shown in the table at the right.

<b>Major Capital Bond Projects</b>	<b>Budget</b>	<b>Expenditures as of June 30, 2017</b>
<b>1996 Bond Projects</b>		
Parks and Recreation Facilities	\$ 5,000,000	\$ 5,000,000
Open Space/Greenways	3,000,000	3,000,000
Public Safety Improvements	2,000,000	2,000,000
Streets and Sidewalks	2,925,000	2,925,000
Public Works Facilities	500,000	500,000
Subtotal	<u>\$ 13,425,000</u>	<u>\$ 13,425,000</u>
<b>2003 Bond Projects</b>		
Public Buildings	\$ 500,000	\$ 500,000
Streets and Sidewalks	5,600,000	5,504,000
Library Expansion	16,260,000	16,260,000
Open Space	2,000,000	2,000,000
Parks and Recreation	5,000,000	4,816,000
Subtotal	<u>\$ 29,360,000</u>	<u>\$ 29,080,000</u>
<b>2012 LOBS Projects</b>		
Lot 5 Project	\$ 6,000,000	\$ 5,770,000
Parking Projects	606,000	588,092
TOC Projects	202,000	121,000
Subtotal	<u>\$ 6,808,000</u>	<u>\$ 6,479,092</u>
<b>2012 Two-Thirds Projects</b>		
Street Resurfacing	\$ 982,000	\$ 982,000
Bolinwood Drive Bridge	17,000	17,000
Cedar Falls Park Building	227,000	227,000
Umstead Playground	7,000	7,000
Tennis Court Reconstruction	229,000	229,000
Southern Comm Park Lighting	106,000	106,000
Cedar Falls Artificial Turf	246,000	246,000
Inclusive Playground	7,000	-
Subtotal	<u>\$ 1,821,000</u>	<u>\$ 1,814,000</u>
<b>2015 Bond Projects</b>		
Streets and Sidewalks	\$ 3,615,000	\$ 1,767,000
Parks Trails	5,000,000	205,000
Parks Facilities	1,000,000	-
Subtotal	<u>\$ 9,615,000</u>	<u>\$ 1,972,000</u>
<b>2017 Two-Thirds Projects</b>		
Ladder Truck	\$ 1,348,000	\$ -
Public Safety Radios	16,900	12,000
Body Cameras	72,000	-
Subtotal	<u>\$ 1,436,900</u>	<u>\$ 12,000</u>
<b>TOTAL</b>	<b><u>\$ 62,465,900</u></b>	<b><u>\$ 52,782,092</u></b>