

CAPITAL PROGRAM

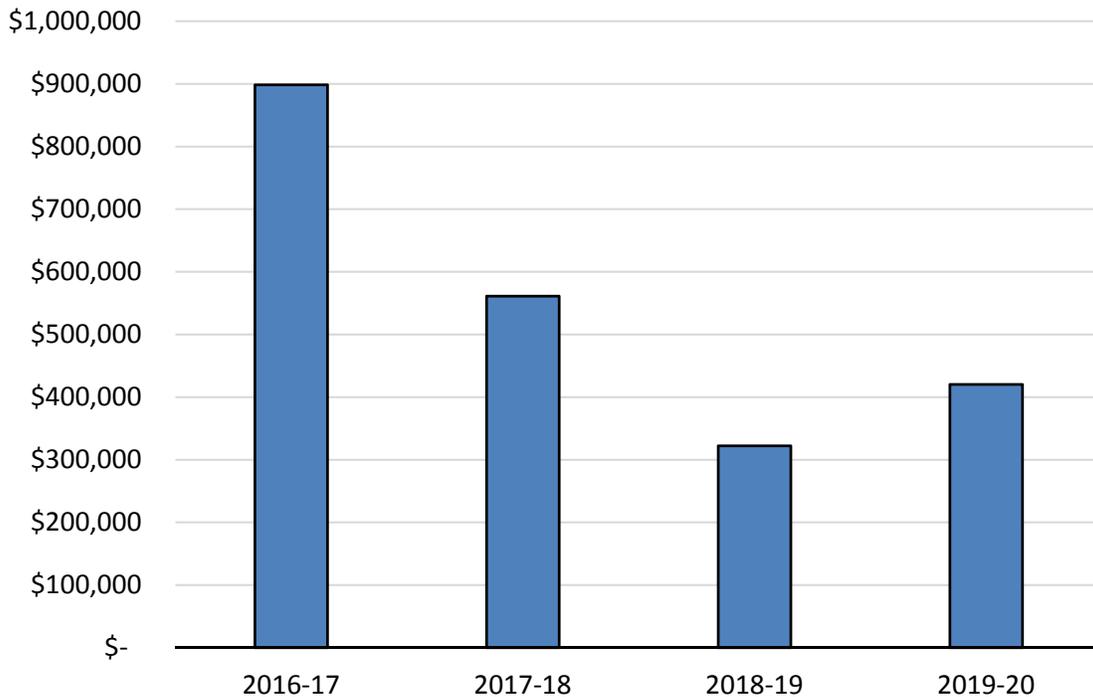
The Capital Program is a 15-year financial plan for the Town’s major capital and infrastructure needs. The program identifies capital needs, establishes priorities and identifies potential funding sources.

Key sources for development of the Capital Program include the Facility Condition Assessment completed in 2016, 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 2019-20 are part of the 2019-20 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
2016-17 to 2019-20**



CAPITAL PROGRAM – MAJOR REVENUE SOURCES

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
 - \$2,000,000 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

- 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. The Town then issues \$12.5 million of General Obligation bonds in March 2018.

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

CAPITAL PROGRAM – MAJOR REVENUE SOURCES

Improvements Program in which local governments request that the State fund these 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

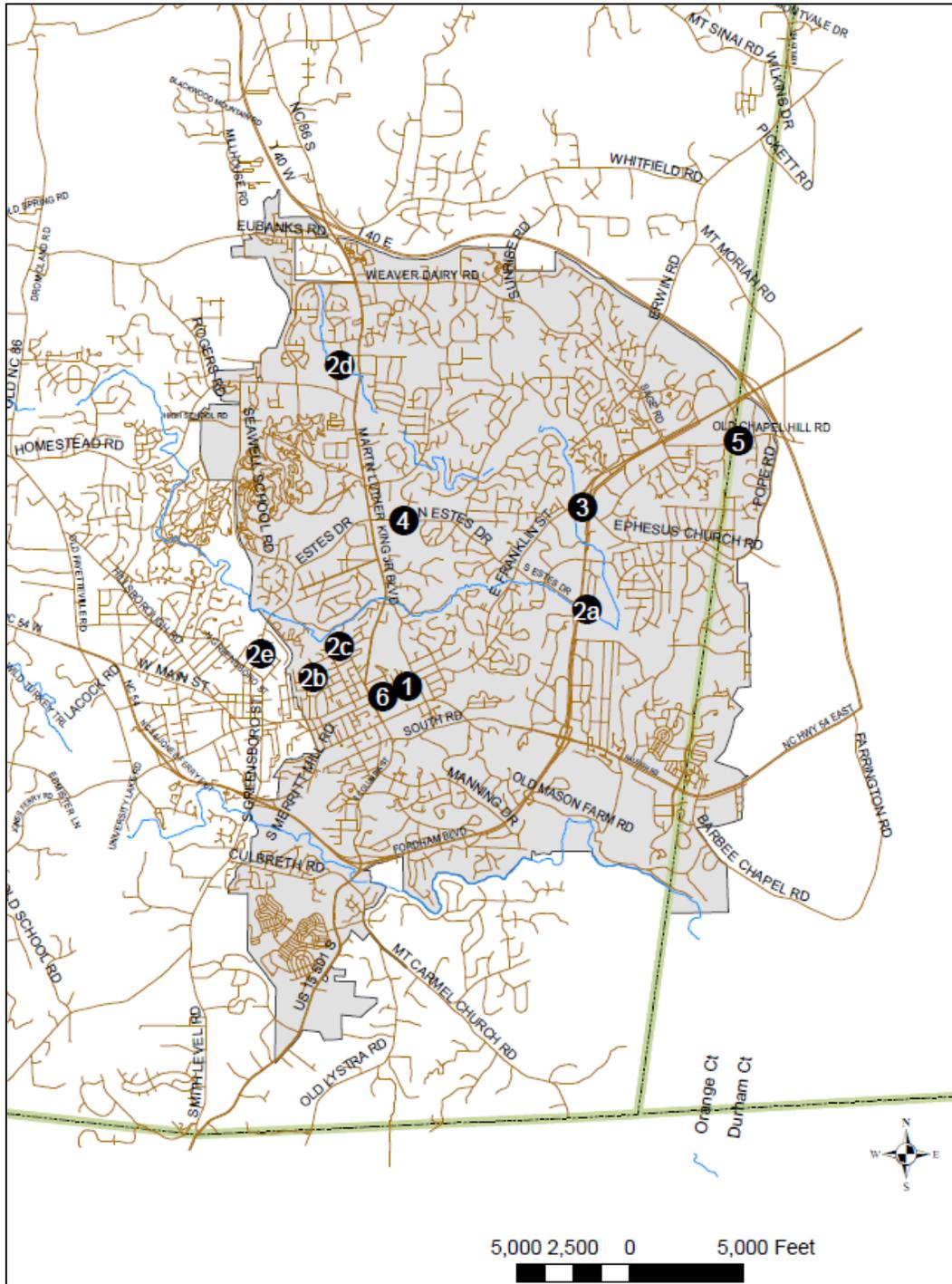
CAPITAL PROGRAM – KEY PROJECTS

This section highlights key projects included in the 2020-35 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 roof repairs to Wallace Deck, renovations to the roofs of several neighborhood apartments, culvert replacements to Booker Creek, and expansions/improvements of bike and pedestrian lanes on Estes Drive. Other capital projects include construction of sidewalks and bicycle facilities, new greenways, and improvements to downtown alleyways.

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. Wallace Deck; 2a. South Estes Drive; 2b. Craig/Gomains Street; 2c. Pritchard Park; 2d. Bright Sun Place; 2e. Oakwood 3. Booker Creek Watershed Improvements; 4. Estes Drive Bike & Ped Improvements (MLK to Caswell); 5. Old Durham Road; 6. Downtown Alleyway Improvements

CAPITAL PROGRAM – KEY PROJECTS

1. 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.

2. Public Housing

The FY20 CIP includes funding for needed repairs and renovations to public housing apartments, facilities and sites. These improvements to the public housing apartments will allow us to continue our efforts to provide safe and sanitary living conditions to a portion of the lower-income citizens of Chapel Hill. Locations for these planned improvements include our sites at Craig Gomains, Oakwood, South Estes Drive, Pritchard Park, and Bright Sun Place.

3. 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.

4. Estes Drive Bike & Ped Improvements (MLK to Caswell)

This project includes constructing raised bike lanes on both sides, a multiuse path on the north side, and a sidewalk on the south side of Estes Drive from Martin Luther King Jr. Blvd. to Caswell. Intersection improvements at MLK/Estes are also part of the project. Staff has made progress on ROW and easements and only one easement is outstanding. Plans are at 100% and are about to be submitted to NCDOT for review.

5. Old Durham Road

This project includes constructing bike lanes and fill in sidewalk gaps along Old Durham Chapel Hill Road between 15-501 and Pope Road roundabout. Intersection improvements at 15-501 are included. Construction is set to begin in FY20.

6. Downtown Alleyway Improvements

This project includes the renovations of the Post Office Alley and the Varsity Alley in Downtown. In the Post Office Alley this consists of re-paving the sidewalk, replacing

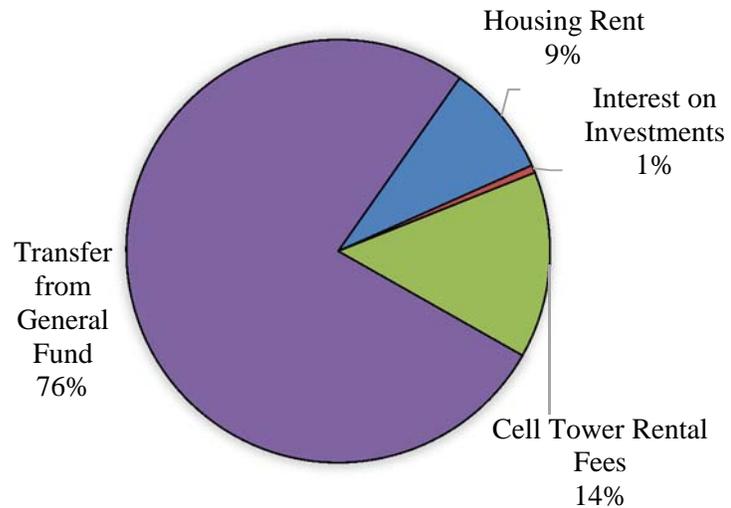
CAPITAL PROGRAM – KEY PROJECTS

planters, replacing the railing along the stairs down to the Teen Center, installing a new brick-screening wall, constructing an archway and installing brass lettering in the sidewalk on both ends of the Alley with the name of the alley. In Varsity, this consists of replacing lighting, constructing arches on both ends, fixing the stairs on the north side of the trash compactor, and replacing some railing on the south side of the compactor. Town staff will be removing two trees, one in each alley (and possibly two in PO Alley), and replacing them with more appropriate greenery for the space.

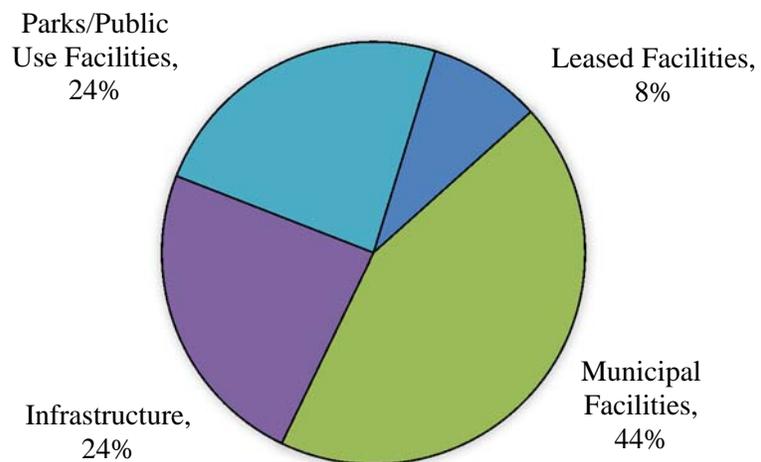
CAPITAL IMPROVEMENTS FUND

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 Revenues



Capital Improvements Fund Expenditures



CAPITAL IMPROVEMENTS FUND

BUDGET SUMMARY

The budget for the Capital Improvements Program for 2019-20 totals \$420,341 and includes projects to be completed in 2019-20. Beginning in FY 2018-19, the Town began budgeting funds for facility maintenance in the General Fund. Each year, depending on the nature of the planned projects, a portion of those funds will be transferred into the Capital Improvements Fund. The FY20 budget includes \$84,100 in planned facility maintenance.

EXPENDITURES

	2017-18 Actual	2018-19 Original Budget	2018-19 Revised Budget	2018-19 Estimated	2019-20 Adopted Budget
Municipal Facilities	\$ 185,452	\$ 100,000	\$ 605,945	\$ 605,945	\$ 184,100
Public Safety	1,456,827	-	315,369	315,369	-
Facilities Leased by Others	4,804	22,260	68,387	68,387	36,241
Infrastructure	84,686	100,000	109,590	109,590	100,000
Communication/Technology	-	-	80,000	80,000	-
Parks/Public Use Facilities	294,361	100,000	287,021	287,021	100,000
Transfers/Financing Costs	815,709	-	-	-	-
Total	\$ 2,841,839	\$ 322,260	\$ 1,466,312	\$ 1,466,312	\$ 420,341

REVENUES

	2017-18 Actual	2018-19 Original Budget	2018-19 Revised Budget	2018-19 Estimated	2019-20 Adopted Budget
Orange County Contribution	\$ 520,000	\$ -	\$ -	\$ -	\$ -
Revenue in Lieu	57,276	-	-	-	-
Housing Rent Proceeds	22,590	22,260	22,260	22,260	36,241
Cell Tower Rental Fees	59,650	60,000	60,000	60,000	60,000
Sale of Equipment	-	-	210,000	210,000	-
Interest on Investments	7,449	2,500	2,500	2,500	2,500
Transfer from General Fund	490,700	237,500	566,991	566,991	321,600
Appropriated Fund Balance	1,684,174	-	604,561	604,561	-
Total	\$ 2,841,839	\$ 322,260	\$ 1,466,312	\$ 1,466,312	\$ 420,341

CAPITAL IMPROVEMENTS FUND

DETAIL EXPENDITURES

	2017-18 Actual	2018-19 Original Budget	2018-19 Revised Budget	2018-19 Estimated	2019-20 Adopted Budget
MUNICIPAL OPERATIONS FACILITIES					
Extraordinary Maintenance, Emergency Repairs	\$ 101,944	\$ 100,000	\$ 103,163	\$ 103,163	\$ 100,000
Facilities Maintenance	-	-	295,341	295,341	84,100
Town Hall Parking Lot	-	-	18,591	18,591	-
Small Capital Improvements	70,308	-	-	-	-
Fire Extraordinary Maintenance	13,200	-	188,850	188,850	-
Subtotal	\$ 185,452	\$ 100,000	\$ 605,945	\$ 605,945	\$ 184,100
PUBLIC SAFETY					
Hamilton Rd. Fire Station	\$ 1,456,827	\$ -	\$ 315,369	\$ 315,369	\$ -
Subtotal	\$ 1,456,827	\$ -	\$ 315,369	\$ 315,369	\$ -
TOWN FACILITIES LEASED BY OTHERS					
Housing Maintenance	\$ 4,804	\$ 22,260	\$ 68,387	\$ 68,387	\$ 36,241
Subtotal	\$ 4,804	\$ 22,260	\$ 68,387	\$ 68,387	\$ 36,241
INFRASTRUCTURE					
Variable Message Sign System	\$ 15,317	\$ -	\$ -	\$ -	\$ -
Path, Trail and Lot Maintenance	23,590	50,000	56,340	56,340	50,000
Traffic Calming/Bike & Ped.	4,029	-	-	-	-
Curbs / ADA	41,750	50,000	53,250	53,250	50,000
Subtotal	\$ 84,686	\$ 100,000	\$ 109,590	\$ 109,590	\$ 100,000

CAPITAL IMPROVEMENTS FUND

DETAIL EXPENDITURES

	2017-18 Actual	2018-19 Original Budget	2018-19 Revised Budget	2018-19 Estimated	2019-20 Adopted Budget
COMMUNICATIONS AND TECHNOLOGY					
General Technology	\$ -	\$ -	\$ 80,000	\$ 80,000	\$ -
Subtotal	\$ -	\$ -	\$ 80,000	\$ 80,000	\$ -
PARKS AND OTHER PUBLIC USE FACILITIES					
Greenways	\$ 30,147	\$ -	\$ 21,428	\$ 21,428	\$ -
Playground Replacement	195,100	100,000	86,176	86,176	100,000
Cemetery Beautification	2,982	-	105,662	105,662	-
Small Park Improvements	66,132	-	73,755	73,755	-
Subtotal	\$ 294,361	\$ 100,000	\$ 287,021	\$ 287,021	\$ 100,000
TRANSFER TO OTHER FUNDS AND FINANCING COSTS					
Basnight Lane Parking Expansion	\$ 115,000	\$ -	\$ -	\$ -	\$ -
Replace Parking Meters	400,000	-	-	-	-
Capital Projects Ordinance Fund	300,709	-	-	-	-
Subtotal	\$ 815,709	\$ -	\$ -	\$ -	\$ -
TOTALS	\$ 2,841,839	\$ 322,260	\$ 1,466,312	\$ 1,466,312	\$ 420,341

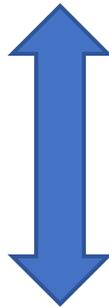
PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS

This section provides descriptions of various capital projects funded in the 2019-20 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 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 funded out of departments' operating budgets. The impact levels are to the right.



High: More than \$25,000 a year
Moderate: \$5,000 to \$25,000 a year
Low: \$1,000 to \$5,000 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**

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

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 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total*</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund

← **Summary of 2019-20 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

MUNICIPAL OPERATIONS FACILITIES

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 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total*</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund

Facilities Maintenance

Additional funding for building maintenance programs to optimize the use of the Town’s assets through capital improvement planning, preventative maintenance, and asset management. The 2016 Facility Condition Assessment governs the prioritization of these projects.

Table and Ref #: Table 1, Ref #2
Location: Various sites
Operating Budget Impact: Positive (More than \$1,000 annually): Funding will reduce need to use operating funds for facilities maintenance.

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total*</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
\$84,100	-	-	-	-	\$84,100	\$84,100	Capital Improvements Fund

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 #12
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 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</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 #19
Location: Various Sites
Operating Budget Impact: No Impact

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</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 #73
Location: Various Sites
Operating Budget Impact: No Impact

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</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 #93
Location: Rogers Road-Eubanks Road Neighborhood
Operating Budget Impact: No Impact

Adopted 2019-20 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>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
\$1,036,584	-	-	-	-	\$1,036,584	\$1,036,584	Multi-Year Capital Project Ordinance

PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS

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 #89
Location: Various sites
Operating Budget Impact: No Impact

Adopted 2019-20 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>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
-	\$64,000	\$260,600	\$843,506	\$1,235,000	\$2,403,106	\$2,609,106	NCDOT Direct Allocation Grant

Elliot Road Storage Project

This project involves constructing a stormwater control facility behind the existing Day’s Inn on Fordham Boulevard along with making park and pedestrian improvements to the area. Public Works staff are working with WK Dickson, a stormwater engineering consultant, to execute construction management services for the Elliott Road Storage Facility.

Table and Ref #: Table 3, Ref #145
Location: Various sites
Operating Budget Impact: No Impact

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year (\$2,829,554) budgeted in 2018 Bond Sale in FY 2018-19</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
-	-	-	-	-	-	-	2018 Bond Sale

PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS

COMMUNICATIONS AND TECHNOLOGY

Public Safety Radios

Funding will replace aging public safety radios.

Table and Ref #: Table 2, Ref #72
Location: Technology Solutions
Operating Budget Impact: No Impact

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year (\$241,322) budgeted in Two-Thirds Bonds in FY 2016-17.</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
-	\$1,258,007	-	-	-	\$1,258,007	\$1,258,007	Two-Thirds Bonds

PARKS AND OTHER PUBLIC USE FACILITIES

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 #30
Location: Various locations
Operating Budget Impact: Positive (Hundreds per year): Projects will reduce need to use operating budget for repairs.

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</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

Morgan Creek Trail

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.

<i>Table and Ref #:</i>	Table 3, Ref #149
<i>Location:</i>	Morgan Creek
<i>Operating Budget Impact:</i>	No Impact

Adopted 2019-20 Budget and Projected Expenditures

<i>Fiscal Year (\$2,446,694) budgeted in multi-year fund in FY 2016-17</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2019-20	2020-21	2021-22	2022-23	2023-24	<i>Through 2023-24</i>	<i>Through 2033-34</i>	
-	-	-	-	-	-	-	2015 Bond Issue

CAPITAL PROGRAM TABLES – INTRODUCTION

The Capital Improvements Program contains tables that outline the adopted budget for CIP projects in fiscal year 2019-20 and projected expenditures in future fiscal years for all funds, from 2019-20 through 2033-34. These tables are as follows:

- **Table 1. Capital Improvements.** Table 1 lists projects identified for Capital Improvements. Projects listed include adopted projects for 2019-20 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	2018-19 Budget Revised	2019-20 Adopted Budget	2020-21
Municipal Operations Facilities				
1	Extraordinary Maintenance	\$ 103,163	\$ 100,000	\$ 100,000
2	Facilities Maintenance	295,341	84,100	-
3	Facility Condition Assessment	-	-	-
4	Town Hall - Safety & Security Improvements			143,236
5	Town Hall Parking Deck Maintenance	18,591	-	-
6	Fire Extraordinary Maintenance	188,850	-	-
Public Safety				
7	Fire Truck	-	-	-
8	Station 1 Bay Door Replacement			
9	Station 4 Bay Door Replacement			
10	Hamilton Road Fire Station	315,369	-	-
Town Facilities Leased by Others				
11	Housing Maintenance	25,015	36,241	-
Infrastructure				
12	Parking Lots/Paths/Trails	56,340	50,000	50,000
13	Wood Cir/Velma Rd Closed System Improvements			
14	Booker Creek Rd/Lakeshore Ln Closed System Improvements			
15	Chelsey Ln Closed System Improvements			
16	Dobbins Culvert Improvements			
17	Barclay Rd Crossing			
18	Bennett Rd Sidewalk			
19	Curb Cut Improvements (ADA)	53,250	50,000	50,000
Communications				
20	General Technology	80,000	-	-
Parks and Other Public Use Facilities				
21	Cemetery Beautification	105,662	-	-
22	Small Parks Improvements	73,755	-	-
23	Greenways	21,428	-	-
24	Community Center Pool Shell Re-Plastering			
25	Homestead Aquatics Center Pool Shell Re-Plastering			
26	Cedar Falls Park Parking Lot			
27	Replacement of HVAC Equipment at Public Works	-	-	-
28	Replacement of HVAC Equipment at Transit	-	-	-
29	Property Line Marking			54,000
30	Playgrounds	86,176	100,000	100,000
Total		\$ 1,422,940	\$ 420,341	\$ 497,236

*Future years after FY2019-20 are for planning purposes only.

2021-22	2022-23	2023-24	2025-35	Reference #
\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	1
-	-	-	-	2
-	-	60,000	-	3
				4
-	-	-	-	5
-	-	-	-	6
				-
-		-	-	7
	114,000			8
	80,500			9
-	-	-	-	10
				-
-	-	-	-	11
				-
50,000	50,000	50,000	500,000	12
			165,500	13
			262,600	14
			146,600	15
			199,800	16
	100,000			17
202,500				18
50,000	50,000	50,000	500,000	19
				-
-	-	-	-	20
				-
-	-	-	-	21
-	-	-	-	22
-	-	-	-	23
			84,000	24
			162,000	25
75,000				26
-	32,500	267,500	-	27
-	21,500	215,000	150,000	28
55,000	57,000	59,000	525,000	29
100,000	100,000	100,000	1,000,000	30
\$ 632,500	\$ 705,500	\$ 901,500	\$ 4,695,500	

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

Reference #	Project	Revised Budget 2018-19	Adopted 2019-20	2020-21
	Municipal Operations Facilities			
31	Comprehensive Public Housing Renovations	\$ -	\$ 821,793	\$ 821,793
32	Comprehensive Public Housing Renovations	782,242	-	-
33	Comprehensive Public Housing Renovations	549,598	-	-
34	Comprehensive Public Housing Renovations	474,882	-	-
35	Comprehensive Public Housing Renovations	374,930	-	-
36	Comprehensive Public Housing Renovations	312,218	-	-
39	Wallace Parking Facility	17,908	17,908	2,400,000
40	Multi-Agency Complex Project	682,154	504,874	-
41	Town Hall HVAC Improvements	7,076	7,076	-
42	Hargraves Roof Replacement	285,500	36,823	-
43	Energy Efficiency Projects	15,142	15,142	-
44	Fire Station 1 Replacement	-	-	-
45	Fire Station 3 Replacement	-	-	-
46	Fire Station 4 Replacement	-	-	-
47	Live Fire Training Building Replacement	-	-	1,750,000
48	Building Addition to Public Works	-	-	-
49	Library Roof Replacement	-	-	-
50	Transit Roof Replacement	-	-	-
51	Public Works Roof Replacement	-	-	-
52	Historic Town Hall Renovation	-	-	-
53	Public Safety Headquarters (MSC)	-	-	-
54	Parks & Recreation Facility	-	-	-
58	Solid Waste Transfer Station	-	-	-
59	Library HVAC Replacement	-	-	-
60	Post Office Roof Replacement	-	-	-
61	Town Facilities - Security & Safety Upgrades	-	-	-
62	Public Works HVAC Replacement	-	-	-
63	Town Hall Roof Replacement	-	-	-
	Public Safety			
66	Fire Self-Contained Breathing Apparatus	3,995	3,995	-
67	Engine 35	-	-	-
68	Engine 34	-	-	-
69	Engine 33	-	-	-
70	Engine 32	-	-	-
71	Engine 31	-	-	-
72	Police Radios	-	-	1,258,007
	Infrastructure			
73	Stormwater Projects	148,123	80,400	75,000
74	ADA Improvements	-	-	45,000
75	Small/Medium Drainage Maintenance and Improvement	-	-	-
76	Teen Center/Archives Renovation	-	-	-
77	Infrastructure Capital Improvement Program	-	-	-
78	Water Quality Capital Improvement Program	-	-	-
81	Booker Creek Road Culvert Replacement	467,763	-	-
82	Subwatershed Modeling	420,770	300,000	-
83	140 West Project	192,600	192,600	-
84	Downtown Parking Deck	-	-	-
85	Downtown Parking Lot	-	-	-
86	Replace gate and ticket equipment - Wallace Deck	-	-	-
87	AVI Reader System - Wallace Deck	-	-	-
88	Parking Lot Construction	72,600	-	-
89	Friday Center Drive Bike & Ped Improvements [‡]	665,000	-	-
90	Estes Drive Bike & Ped Improvements [‡]	224,390	-	64,000
91	Fordham Sidepath*	446,400	-	150,000
92	Estes Drive Bike & Ped Improvements [‡]	508,000	-	-

2021-22	2022-23	2023-24	2025-35	Fund Source	Reference #
\$ 821,793	\$ 821,793	\$ 821,793	\$ 8,217,930	HUD Grant	31
-	-	-	-	HUD Grant	32
-	-	-	-	HUD Grant	33
-	-	-	-	HUD Grant	34
-	-	-	-	HUD Grant	35
-	-	-	-	HUD Grant	36
-	-	-	-	Limited Obligation Bonds	39
-	-	-	-	Multi-year Capital Project Ord.	40
-	-	-	424,500	2015 Installment Financing	41
-	-	-	-	2015 Installment Financing	42
-	-	-	-	2015 Installment Financing	43
-	3,376,527	-	-	Future Financing	44
600,000	1,029,000	1,471,000	-	Future Financing	45
-	550,000	926,000	1,324,000	Future Financing	46
-	-	-	-	Future Financing	47
-	-	-	2,253,000	Future Financing	48
-	-	-	725,000	Future Financing	49
-	236,500	-	-	Future Financing	50
-	-	-	835,000	Future Financing	51
-	328,000	262,000	3,950,000	Future Financing	52
1,020,876	1,722,377	21,651,971	191,375	Future Financing	53
142,982	257,368	3,235,350	28,596	Future Financing	54
-	75,000	425,000	4,700,000	Future Financing	58
-	-	-	1,017,000	Future Financing	59
180,272	-	-	-	Future Financing	60
-	-	518,663	-	Future Financing	61
-	-	-	445,318	Future Financing	62
-	-	-	263,452	Future Financing	63
-	-	-	-	2015 Installment Financing	66
-	-	-	1,642,000	Future Financing	67
566,500	-	-	-	Future Financing	68
555,000	-	-	936,000	Future Financing	69
-	-	640,000	-	Future Financing	70
-	-	-	1,374,000	Future Financing	71
-	-	-	-	Future Financing	72
75,000	75,000	75,000	750,000	Stormwater Management Funds	73
535,000	-	-	-	Future Financing	74
-	-	-	1,000,000	Stormwater Management Funds	75
-	-	175,000	1,850,000	Future Financing	76
-	-	-	5,500,000	Stormwater Management Funds	77
-	-	-	5,500,000	Stormwater Management Funds	78
-	-	-	-	Stormwater Management Funds	81
-	-	-	-	Stormwater Management Funds	82
-	-	-	-	Limited Obligation Bonds	83
-	2,712,827	2,794,212	28,878,039	Future Financing	84
3,386,125	305,009	-	-	Future Financing	85
-	-	-	-	Parking Revenue	86
-	-	-	-	Parking Revenue	87
-	-	-	-	Parking Revenue	88
-	-	-	-	Multi-year Capital Project Ord.	89
260,600	843,506	1,235,000	206,000	NCDOT Direct Allocation Grant	90
-	-	-	-	NCDOT Direct Allocation Grant	91
-	-	-	-	CMAQ Grant	92

TABLE 2 (cont'd): Other Sources - Current Year Budget and Future Budget Requests

Reference #	Project	Revised Budget 2018-19	Adopted 2019-20	2020-21
93	Rogers Road Design and Engineering	1,241,531	1,036,584	-
94	Traffic Signal Improvement	215,469	215,469	-
95	Lake Ellen Flood Storage	-	-	-
96	Streetscape Improvements	-	-	-
97	Downtown Lighting LED Upgrade	-	-	-
98	Bolinwood Drive Bridge Replacement	-	-	-
99	W Franklin Streetscape Improvements	-	-	-
100	Street Resurfacing	-	-	-
101	Fordham Blvd Multiuse Paths	-	-	-
102	Martin Luther King Jr Blvd Flood Storage	-	-	-
103	Honeysuckle Rd	-	-	-
104	Piney Mountain Rd Flood Storage	-	-	-
105	New Parkside Flood Storage	-	-	-
106	Willow Dr Flood Storage	-	-	-
107	Ephesus Church Rd Closed System Improvements	-	-	-
108	Markham Dr/Old Oxford Rd Closed System Improvement	-	-	-
109	Booker Creek Rd U/S	-	-	-
110	Red Bud Flood Storage	-	-	-
111	Old Oxford Rd Closed System Improvements	-	-	-
112	Foxcroft Dr Culvert Improvement	-	-	-
113	Daley Rd Flood Storage	-	-	-
114	Raleigh Rd Sidewalk Improvements, Bike Climbing Lane, & Underpass Lighting	-	-	-
115	Meadowmont Dam Replacement	-	-	-
116	Franklin St Underpass	-	-	-
117	Mid-Block Pedestrian Signal Heads	-	-	-
118	N. Elliott Rd Complete Street	-	-	-
119	Cameron Ave Buffered Bike Lanes	-	-	-
	Parks and Other Public Use Facilities			
120	Meadowmont Bridge	9,005	-	-
121	Cedar Falls Park Tennis Court Replacement	-	-	-
122	Morgan Creek Trail, Phase 3	-	-	-
123	Homestead Park Synthetic Turf Replacement	-	-	-
124	Barclay Trail	-	-	-
125	P&R Community Center - Roof Replacement	-	-	-
126	Cedar Falls Synthetic Turf Replacement	-	-	-
127	Battle Park Trail Upgrade	-	-	-
128	Hargraves - HVAC Equipment Replacement	-	-	-
129	P&R Community Center - HVAC Replacement	-	-	-
130	P&R Homestead Aquatic Center - HVAC Replacement	-	-	-
131	Bolin Creek Trail, Phase 4	-	-	-
132	Timberlyne Trail	-	-	-
	TOTAL	\$ 8,117,296	\$ 3,232,664	\$ 6,563,800

Note: Future years after FY2019-20 are for planning purposes only.

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

2021-22	2022-23	2023-24	2025-35	Fund Source	Reference #
-	-	-	-	Multi-year Capital Project Ord.	93
-	-	-	-	NCDOT Direct Allocation Grant	94
-	-	-	900,000	Future Financing	95
700,000	-	-	-	Future Financing	96
150,000	-	-	-	Future Financing	97
900,000	-	-	-	Future Financing	98
-	350,000	-	-	Future Financing	99
-	800,000	-	-	Future Financing	100
-	300,000	-	1,947,000	Future Financing	101
-	-	-	3,788,651	Future Financing	102
-	335,900	-	-	Future Financing	103
-	-	622,900	1,283,000	Future Financing	104
-	-	437,525	2,348,275	Future Financing	105
45,000	378,000	398,000	3,190,000	Future Financing	106
-	-	151,000	895,000	Future Financing	107
-	-	96,000	355,000	Future Financing	108
-	-	-	1,285,100	Future Financing	109
-	-	-	914,200	Future Financing	110
-	64,000	232,000	-	Future Financing	111
-	-	112,000	552,000	Future Financing	112
-	-	434,000	2,709,000	Future Financing	113
-	-	-	900,000	Future Financing	114
605,000	-	-	-	Future Financing	115
-	-	-	1,000,000	Future Financing	116
-	-	-	400,000	Future Financing	117
-	-	-	375,000	Future Financing	118
-	-	-	600,000	Future Financing	119
-	-	-	-		
-	-	-	-	Multi-year Capital Project Ord.	120
-	-	-	630,478	Future Financing	121
-	-	609,000	2,962,000	Future Financing	122
-	-	-	913,000	Future Financing	123
-	-	20,000	357,000	Future Financing	124
-	-	-	600,000	Future Financing	125
-	-	-	824,000	Future Financing	126
-	-	-	3,000,000	Future Financing	127
402,000	-	-	-	Future Financing	128
263,000	-	-	-	Future Financing	129
-	-	364,000	-	Future Financing	130
-	-	-	870,000	Future Financing	131
-	-	-	3,100,000	Future Financing	132
\$ 11,209,148	\$ 14,560,807	\$ 37,707,414	\$ 108,709,914		

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
Municipal Operations Facilities						
133	2	Energy Efficiency Projects	Public Buildings	\$ 392,600	\$ -	\$ -
134	2	Sustainable Community Project - Local Match	Public Buildings	17,400	-	-
135	7	Energy Management System: Town Hall HVAC	Public Buildings	-	90,000	-
Public Safety						
136	5	100 Foot Fire Ladder Truck	Public Safety	-	-	-
137	5	Public Safety Radios/Body Cameras	Public Safety	-	-	-
Infrastructure						
138	2	Downtown Improvements - Streetscape	Sidewalks & Streets	500,000	-	1,000,000
139	7	Capital Project Management, Bond Issuance Costs	Sidewalks & Streets	-	-	-
140	2	Neighborhood Traffic Calming, Pedestrian, and Bicycle Improvements	Sidewalks & Streets	50,000	250,000	-
141	2	Pedestrian Amenities at Town Owned Traffic Signals	Sidewalks & Streets	20,000	80,000	50,000
142	7	Public Art	Sidewalks & Streets	-	-	-
143	2	Streets and Bridges	Sidewalks & Streets	-	-	-
144	2	Sidewalks and Bicycle Facilities	Sidewalks & Streets	600,000	-	600,000
145	6	Elliot Road Storage Project	Stormwater	-	-	-
Parks and Other Public Use Facilities						
146	2	Bolin Creek Trail	Parks/Recreational Facilities	100,000	-	-
147	2	Dry Creek Trail	Parks/Recreational Facilities	125,000	-	16,000
148	2	Tanyard Branch Trail	Parks/Recreational Facilities	-	-	-
149	2	Morgan Creek Trail	Parks/Recreational Facilities	75,000	-	968,000
150	2	Open Space Acquisition	Open Space and Areas	1,200,000	-	800,000
151	2	Playground Improvements	Parks/Recreational	-	-	-
152	2	Upper Booker Creek Trail	2003 Bond	-	-	16,000
153	2	Parks Facilities	Parks/Recreational	-	-	-
154	2	American Legion Property	Open Space and Areas	-	-	-
155	2	Library Expansion	Library Facilities	500,000	-	1,500,000
TOTAL				\$ 3,580,000	\$ 420,000	\$ 4,950,000

COLUMN DESCRIPTION KEY

Council Priority

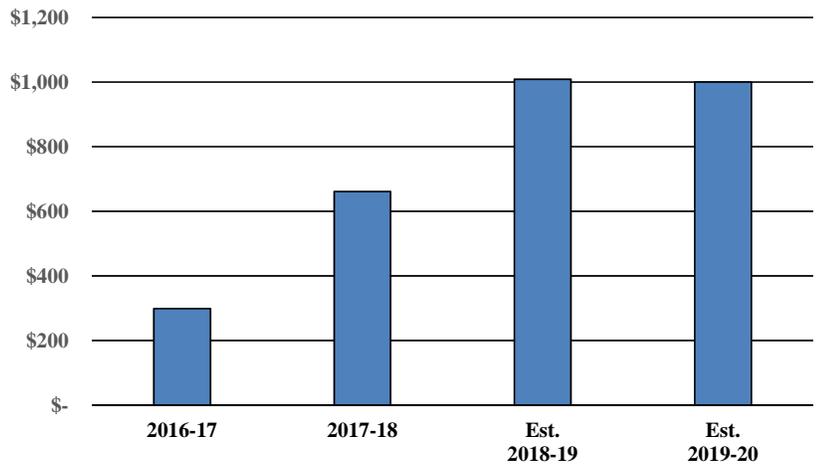
- 1 - Council Authorized Contracts
- 2 - Projects that have a Council mandate
- 3 - Projects that we have a legal requirement to perform or complete
- 4 - Projects that would repair or maintain existing Town facilities/infrastructure above and beyond ordinary maintenance
- 5 - Projects involving public 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)	2018 Bond Sale (\$13,099,788)		
2010-11	2012-13	2016-17		2017-18	TOTAL	Reference #
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 392,600	133
-	-	-	-	-	17,400	134
-	-	-	-	-	90,000	135
-	-	-	1,348,000	-	1,348,000	136
-	-	-	241,322	-	241,322	137
64,000	-	414,266	-	800,000	2,778,266	138
-	-	425,091	25,381	263,907	714,379	139
225,000	-	670,134	-	-	1,195,134	140
100,000	-	-	-	-	250,000	141
-	-	30,000	-	55,000	85,000	142
661,000	1,000,000	1,000,000	-	775,000	3,436,000	143
1,442,042	-	1,075,600	-	3,870,000	7,587,642	144
-	-	-	-	2,829,554	2,829,554	145
2,245,889	-	1,163,306	-	-	3,509,195	146
150,540	-	-	-	-	291,540	147
-	-	1,390,000	-	-	1,390,000	148
1,212,455	-	2,446,694	-	-	4,702,149	149
-	-	-	-	-	2,000,000	150
-	-	1,000,000	-	-	1,000,000	151
154,608	-	-	-	-	170,608	152
-	700,000	-	-	-	700,000	153
-	-	-	-	4,506,327	4,506,327	154
14,504,703	-	-	-	-	16,504,703	155
\$ 20,760,237	\$ 1,700,000	\$ 9,615,091	\$ 1,614,703	\$ 13,099,788	\$ 55,739,819	

CAPITAL RESERVE FUND

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

No appropriations are planned for the Capital Reserve Fund for 2019-20, which had a fund balance of \$216,186 at June 30, 2018.

EXPENDITURES

	2017-18 Actual	2018-19 Original Budget	2018-19 Revised Budget	2018-19 Estimated	2019-20 Adopted Budget	% Change from 2018-19
Reserved for CIP	\$ -	\$ -	\$ -	\$ -	\$ -	N/A
Transfer to Capital Improvements Fund	-	-	-	-	-	N/A
Transfer to General Fund	-	-	-	-	-	N/A
Total	\$ -	\$ -	\$ -	\$ -	\$ -	N/A

REVENUES

	2017-18 Actual	2018-19 Original Budget	2018-19 Revised Budget	2018-19 Estimated	2019-20 Adopted Budget	% Change from 2018-19
Interest on Investments Appropriated	\$ 661	\$ -	\$ -	\$ -	\$ -	N/A
Fund Balance	(661)	-	-	-	-	N/A
Total	\$ -	\$ -	\$ -	\$ -	\$ -	N/A

MAJOR CAPITAL BOND PROJECTS

Several major capital improvement projects were approved by bond referenda in November 2003 and November 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, 2019 are shown in the table at the right.

Major Capital Bond Projects	Budget	Expenditures as of June 30, 2019
2003 Bond Projects		
Public Buildings	\$ 500,000	\$ 500,000
Streets and Sidewalks	5,600,000	5,524,000
Library Expansion	16,260,000	16,260,000
Open Space	2,000,000	2,000,000
Parks and Recreation	5,000,000	4,872,000
Subtotal	<u>\$ 29,360,000</u>	<u>\$ 29,156,000</u>
2012 LOBS Projects		
Lot 5 Project	\$ 6,000,000	\$ 5,770,000
Parking Projects	606,000	606,000
TOC Projects	202,000	135,000
Subtotal	<u>\$ 6,808,000</u>	<u>\$ 6,511,000</u>
2012 Two-Thirds Projects		
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	6,000
Subtotal	<u>\$ 1,821,000</u>	<u>\$ 1,820,000</u>
2015 Bond Projects		
Streets and Sidewalks	\$ 8,500,000	\$ 3,120,000
Parks Trails	5,000,000	2,548,000
Parks Facilities	5,300,000	4,579,000
Subtotal	<u>\$ 18,800,000</u>	<u>\$ 10,247,000</u>
TOTAL	<u>\$ 56,789,000</u>	<u>\$ 47,734,000</u>