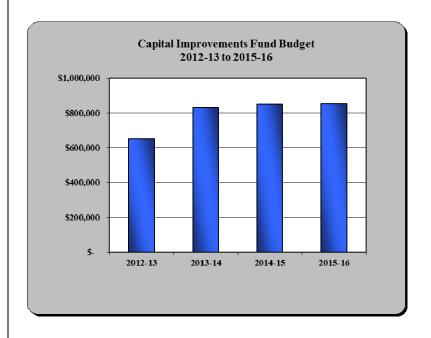
CAPITAL PROGRAM

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 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 2015-16 are part of the 2015-16 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 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:

- <u>Sidewalk and Streets</u> (\$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
 - o \$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
 - o \$2 million for downtown streetscape improvements consistent with the Downtown Streetscape Master Plan adopted by the Town Council in 1993
- <u>Library Facilities</u> (\$16.26 million): For expansion of the Town Library on Library Drive
- <u>Parks and Recreational Facilities</u> (\$5 million): For greenway construction projects
- *Open Space and Areas* (\$2 million): For open space purchases
- <u>Energy Efficiency Projects</u> (\$500,000): For energy efficiency improvements at public buildings and other Town facilities

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 \$1.7 million in two-thirds bonds in June 2012.

Stormwater Management Funds

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

CAPITAL PROGRAM – MAJOR REVENUE SOURCES

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

- <u>Community Development Block Grant (CDBG)</u>: 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.
- <u>Housing Capital Grant</u>: 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 types of projects in their community. Local requests are considered in a State-wide priority list. Projects are implemented by the NCDOT.
- <u>Surface Transportation Program (STP):</u> 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.
- <u>American Recovery and Reinvestment Act (ARRA) of 2009:</u> 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.
- <u>Gifts</u>: 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

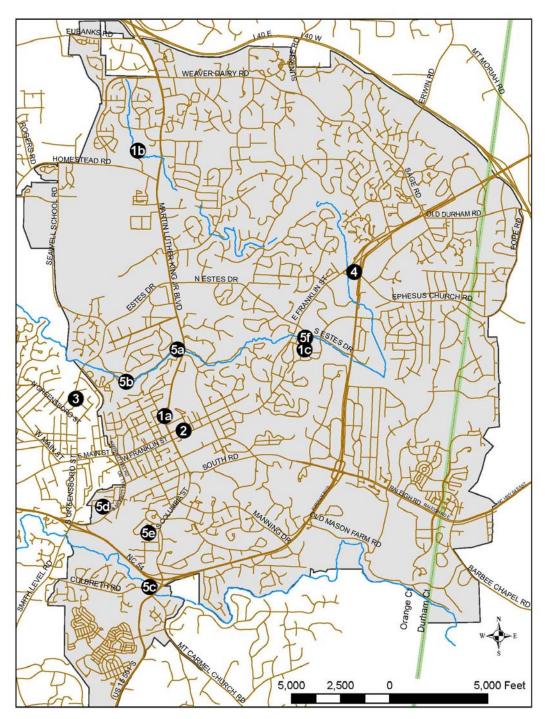
CAPITAL PROGRAM – KEY PROJECTS

This section highlights key projects included in the 2015-30 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 a guaranteed energy savings contract for Town Hall, roof repairs to the Wallace Deck, renovations to the Oakwood 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

1a. Town Hall (Guaranteed energy savings contract); 1b. Homestead Aquatics Center (Guaranteed energy savings contract); 1c. Community Center (Guaranteed energy savings contract); 2. Wallace Deck; 3a. Oakwood Public Housing; 4. Booker Creek Watershed Improvements; 5a. Bolin Creek Trail; 5b. Umstead Park; 5c. Morgan Creek Trail; 5d. Pine Knolls Playground; 5e. Westwood Park; 5f. Community Center Park

CAPITAL PROGRAM – KEY PROJECTS

1. Guaranteed Energy Savings Contract

The Guaranteed Energy Savings Contract is part of a larger guaranteed energy savings project that also includes Homestead Aquatics Center and the Community Center. The entire project is estimated to save the Town \$1.2 million over the next 15 years. At Town Hall specifically, the project will upgrade the building automation system and will recommission the building to run more efficiently. The savings at Town Hall are about \$25,000 a year and should increase occupant comfort and reduce work orders and callbacks.

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 FY16 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. Seventeen out of the 30 apartments at the Oakwood neighborhood are being renovated, which includes replacing furnaces, installing air conditioning, replacing windows and screens, replacing floor tiles, and plumbing and electrical upgrades. This activity also includes the costs for relocating families during the renovation process.

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.

5. Parks & Recreation Projects

Morgan Creek Trail (Phase 2): The Morgan Creek Trail (Phase 2) project connects the existing Morgan Creek and Fan Branch Trails. The new segment is approximately 1/3 mile long and includes two bridges and a tunnel under Culbreth Road. The project provides direct trail connections to Merritt's Pasture, Southern Village, Culbreth Road, and Southern Community Park. Construction started in calendar year 2012 and the trail opened in 2013. The final closeout with NCDOT is anticipated to take place in the second

CAPITAL PROGRAM – KEY PROJECTS

half of 2015.

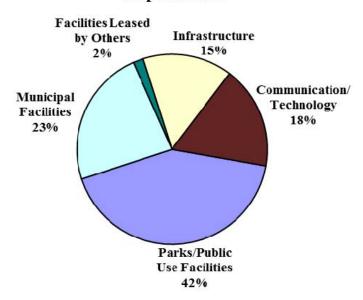
Bolin Creek Trail (Phase 3): The Bolin Creek Trail (Phase 3) project includes an extension of the existing Bolin Creek Trail about .5 miles west along Bolin Creek to Umstead Park. The project will involve underpasses of Martin Luther King Jr. Blvd and Pritchard Avenue Extension and 2 bridges over Bolin Creek. The construction of Phase 3A, an extension of Martin Luther King Jr. Boulevard to Pritchard Avenue was started in June 2015 and is expected to be completed by late spring 2016.

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 5 of this process. In FY16, the Town will focus on Pine Knolls Playground, Westwood Park, and Community Center Park. The goal of the playground replacement program is to provide safe, accessible facilities for the citizens of Chapel Hill.

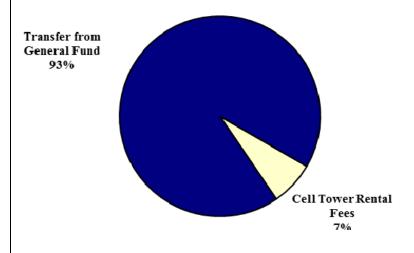
CAPITAL IMPROVEMENTS FUND

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 Expenditures



Capital Improvements Fund Revenues



CAPITAL IMPROVEMENTS FUND BUDGET SUMMARY

The budget for the Capital Improvements Program for 2015-16 totals \$853,856, and includes projects to be completed in FY16.

EXPENDITURES	2013-14 Actual	(2014-15 Original Budget	2014-15 Revised Budget	2014-15 Estimated	2015-16 Adopted Budget	% Change from 2014-15
Municipal Facilities Public Safety Facilities Leased by Others Infrastructure Communication/Technology Parks/Public Use Facilities	\$ 858,765 830,377 16,727 215,326 135,622 401,566	\$	285,000 - 14,856 80,000 140,000 330,000	\$ 1,226,756 655,353 55,443 883,553 862,601 909,069	\$ 1,226,756 655,353 55,443 883,553 862,601 909,069	\$ 200,000 - 14,856 130,000 149,000 360,000	-29.8% N/A 0.0% 62.5% 6.4% 9.1%
Total	\$ 2,458,383	\$	849,856	\$ 4,592,775	\$ 4,592,775	\$ 853,856	0.5%

REVENUES										
	2013-14 Actual		2014-15 Original Budget	nal Revised		2014-15 Estimated		2015-16 Adopted Budget		% Change from 2014-15
Housing Rent Proceeds	\$ 11,839	\$	14,856	\$	14,856	\$	14,856	\$	14,856	0.0%
Cell Tower Rental Fees	71,766		55,000		55,000		60,000		60,000	9.1%
Grants	-		-		175,000		175,000		-	N/A
Interest on Investments	2,796		1,000		1,000		1,000		1,000	0.0%
Revenue in Lieu	-		-		138,490		172,598		-	N/A
Insurance Claims	267,091		-		-		24,623		-	N/A
Transfer from General Fund	2,409,693		779,000	,	2,237,507		2,237,507		778,000	-0.1%
Appropriated Fund Balance	(304,802)		-		1,970,922		1,907,191		-	N/A
Total	\$ 2,458,383	\$	849,856	\$ 4	4,592,775	\$	4,592,775	\$	853,856	0.5%

CAPITAL IMPROVEMENTS FUND DETAIL EXPENDITURES

		013-14 Actual	(2014-15 Original Budget	2014-15 Revised Budget		014-15 stimated	A	2015-16 Adopted Budget
MUNICIPAL OPERATIONS FACIL	ITIE	S							
Extraordinary Maintenance, Emergency Repairs	\$	150,761	\$	100,000	\$ 158,851	\$	158,851	\$	100,000
Town Hall Flood		686,168		-	953,405		953,405		-
Facility Condition Assessment		-		85,000	85,000		85,000		-
Small Capital Improvements		21,836		100,000	29,500		29,500		100,000
Subtotal	\$	858,765	\$	285,000	\$ 1,226,756	\$ 1	1,226,756	\$	200,000
PUBLIC SAFETY									
Fire Truck	\$	830,377	\$	-	\$ 655,353	\$	655,353	\$	
Subtotal	\$	830,377	\$	-	\$ 655,353	\$	655,353	\$	-
TOWN FACILITIES LEASED BY O	THE	ERS							
Housing Maintenance	\$	16,727	\$	14,856	\$ 55,443	\$	55,443	\$	14,856
Subtotal	\$	16,727	\$	14,856	\$ 55,443	\$	55,443	\$	14,856
INFRASTRUCTURE									
Town Hall Parking Deck	\$	-	\$	-	\$ 65,000	\$	65,000	\$	-
Variable Message Sign System		-		-	93,750		93,750		-
Ephesus Ch./Fordham Engineering		115,406		-	637,594		637,594		-
Path, Trail and Lot Maintenance		72,930		50,000	50,000		50,000		50,000
Traffic Calming/Bike & Ped.		-		-	-		-		50,000
Curbs / ADA		26,990		30,000	37,209		37,209		30,000
Subtotal	\$	215,326	\$	80,000	\$ 883,553	\$	883,553	\$	130,000

CAPITAL IMPROVEMENTS FUND DETAIL EXPENDITURES

		013-14 Actual	O	014-15 Original Budget	1	2014-15 Revised Budget		014-15 stimated	2015-16 Adopted Budget
COMMUNICATIONS AND TECHNO	OLO	GY							
Document Management	\$	-	\$	-	\$	218,634	\$	218,634	\$ -
Fiber Optic Network		-		91,000		540,503		540,503	-
Fire House Mobile & GIS System for Response Units		44,607		-		3,339		3,339	-
In-Car Police Cameras		78,030		-		51,125		51,125	-
Police Technology Upgrades		12,985		-		-		-	-
Fire Radios		-		49,000		49,000		49,000	149,000
Subtotal	\$	135,622	\$	140,000	\$	862,601	\$	862,601	\$ 149,000
PARKS AND OTHER PUBLIC USE FACILITIES									
Greenways	\$	66,023	\$	80,000	\$	237,563	\$	237,563	\$ 80,000
Community Center Pool		-		-		50,000		50,000	-
Battle Branch Trail		-		-		707		707	-
Bolin Creek Trail		-		-		238,247		238,247	-
Playground Replacement		71,658		100,000		100,000		100,000	100,000
Accessible Playground		-		50,000		50,000		50,000	-
Cemetery Beautification		20,644		-		64,577		64,577	20,000
Small Park Improvements		55,973		100,000		167,975		167,975	100,000
Meadowmont Dam		-		-		-		-	30,000
Homestead Rd. Dam		-		-		-		-	30,000
Mobile Stage		187,268		-		-		-	
Subtotal	\$	401,566	\$	330,000	\$	909,069	\$	909,069	\$ 360,000
TOTALS	\$ 2	2,458,383	\$	849,856	\$	4,592,775	\$ 4	4,592,775	\$ 853,856

This section provides descriptions of capital projects funded in the 2015-16 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.

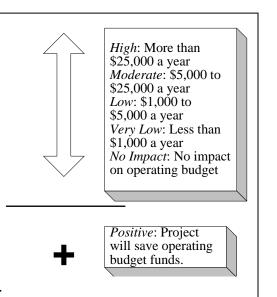


Illustration: Tips for Reading Project Descriptions

Project Category MUNICIPAL OPERATIONS FACILITIES **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 syste Description repairs, asbestos/lead abatements, vandalism remediation, swimming pool mechanical system repairs and hazardous material spill abatements. Where to find project in Tables 1, 2

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

Table and Ref #: Location: Operating Budget Impact:

Various sites

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

or 3, which appear after this section

emergency repairs.

Table 1. Ref #1

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year	•			5-Year Total	15-Year Total*	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund

Summary of 2015-16 budget and projected expenditures for project. See **Projects by Funding Source tables** (Tables 1 through 3) for projected expenditures for all 15 years.

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 2015-16 Budget and Projected Expenditures

Fiscal Year	•		•	5-Year Total	15-Year Total*	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$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 #33
Location: Public Housing sites

Operating Budget Impact: Positive (Tens of thousands annually):

Renovations will reduce need to make repairs using operating budget funds.

Fiscal Year			•		5-Year Total	15-Year Total	Funding Source
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$454,460	\$454,460	\$454,460	\$454,460	\$454,460	\$2,272,300	\$6,816,900	Community Development Block Grant Program

Energy Efficiency Projects

Funding will be used to replace old single-pane windows in the old wing of Town Hall, as well as fund improvements to three main entrance vestibules. Funding would allow for the work to occur while improvements are occurring as a result of recent water damage sustained in Town Hall two years ago.

Table and Ref #: Table 2, Ref #53

Location: Town Hall Operating Budget Impact: No Impact

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year FY 2014-15		oudgeted in	multi-year	5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	Through 2019-20	Through 2029-30		
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

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 #52

Location: Town Hall Operating Budget Impact: No Impact

Fiscal Year FY 2014-15		oudgeted in	multi-year	5-Year Total	15-Year Total	Funding Source	
2015-16	2015-16 2016-17 2017-18 2018-19 2019-20					Through 2029-30	
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

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 #51

Location: Town Hall Operating Budget Impact: No Impact

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year FY 2014-15		oudgeted in	multi-year	5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	Through 2019-20	Through 2029-30		
-	-	-	-	-	-	-	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 #50
Location: Town Hall
Operating Budget Impact: No Impact

Fiscal Year FY 2014-15	. , ,	oudgeted in	multi-year	5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	Through 2019-20	Through 2029-30		
-	-	-	-	-	-	-	Multi-year Capital Project Ordinance

PUBLIC SAFETY

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 1, Ref #54Location:Various sitesOperating Budget Impact:No Impact

Fiscal Year FY 2014-15	(\$500,000) t	budgeted in	multi-year j	5-Year Total	15-Year Total*	Funding Source	
2015-16	2016-17	2017-18	2018-19	Through 2019-20	Through 2029-30		
-	-	-	ı	ı	1	-	Multi-Year Capital Project Ordinance

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 #7
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 2015-16 Budget and Projected Expenditures

Fiscal Year	_			5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$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 #9Location:Various SitesOperating Budget Impact:No Impact

Fiscal Year			V	5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$30,000	\$30,000	\$30,000	\$30,000	\$50,000	\$170,000	\$510,000	Capital Improvements Fund

Traffic Calming/Bike & Pedestrian

Funding will install traffic calming devices, crosswalk lighting systems, and other pedestrian/bicycle improvements throughout the Town.

Table and Ref #:Table 2, Ref #44Location:Various SitesOperating Budget Impact:No Impact

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year				5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$50,000	50,000	50,000	50,000	50,000	\$250,000	\$750,000	Capital Improvements Fund

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 #55
Location: Various Sites
Operating Budget Impact: No Impact

Fiscal Year			5-Year Total	15-Year Total	Funding Source		
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$75,000	\$100,000	\$100,000	\$100,000	\$100,000	\$475,000	\$1,000,000	Stormwater Management Fund

Old Durham/Chapel Hill Road Bike & Pedestrian Project

Funding will provide for the construction of a multiuse path, bicycle lanes and sidewalks along Old Durham-Chapel Hill Road from Standish Drive in Chapel Hill to Garrett Road in Durham. The project also includes roadway safety, drainage and bus stop improvements, and a traffic roundabout at the intersection with Pope Road.

Table and Ref #:Table 2, Ref #71Location:Various sitesOperating Budget Impact:No Impact

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year Allocation G		_	in NCDOT	5-Year Total	15-Year Total	Funding Source	
2015-16	2015-16 2016-17 2017-18 2018-19 2019-20					Through 2029-30	
-	-	-	-	-	-	-	NCDOT Direct Allocation Grant

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 #72Location:Various sitesOperating Budget Impact:No Impact

Fiscal Year FY 2014-15	. , ,	oudgeted in	multi-year	5-Year Total	15-Year Total	Funding Source	
2015-16	2015-16 2016-17 2017-18 2018-19 2019-20					Through 2029-30	
-	-	-	-	-	-	-	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 #73Location:Various sitesOperating Budget Impact:No Impact

Fiscal Year Allocation G			in NCDOT	5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
-	-	-	1	-	-	-	NCDOT Direct Allocation Grant

COMMUNICATIONS AND TECHNOLOGY

Radio/Headset Replacement

Technological safety upgrades including GPS technology to locate downed firefighters or lost radios. Multi-year request would replace 25% of our inventory each year.

Table and Ref #: Table 1, Ref #14

Location: Fire Fleet
Operating Budget Impact: No Impact

Fiscal Year				5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$149,000	\$149,333	149,333	-	-	\$447,666	\$447,666	Capital Improvements Fund

PARKS AND OTHER PUBLIC USE FACILITIES

Small Park Improvements

These projects involve improvements, repairs and replacement of equipment in Town parks. Examples of potential projects include bleacher replacements, replacement of playground equipment and turf repairs at athletic fields.

Table and Ref #: Table 1, Ref #22 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 2015-16 Budget and Projected Expenditures

Fiscal Year			5-Year Total	15-Year Total	Funding Source		
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
\$100,000	\$150,000	\$150,000	\$150,000	\$150,000	\$700,000	\$2,200,000	Capital Improvements Fund

Greenways

The funds associated with this project will be used to replace bridges, signs, re-grade trails, correct erosion problems, and perform maintenance throughout trail system. In addition, long range plans include new trail construction. In addition, funds are expected to be used to match grants and pay for materials for volunteer projects.

Table and Ref #: Table 1, Ref #24 Location: Various Sites

Operating Budget Impact: Positive (Hundreds to thousands annually):

Projects will reduce need to use operating

budget funds for greenway repairs.

Fiscal Year			-	5-Year Total	15-Year Total	Funding Source	
2015-16 2016-17 2017-18 2018-19 2019-20					Through 2019-20	Through 2029-30	
\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000	\$1,200,000	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 Pine Knolls Playground, Westwood Park, and the Community Center Park in FY16. Umstead Park equipment would be fully accessible for mobility challenged youth.

Table and Ref #: Table 1, Ref #32
Location: Various locations

Operating Budget Impact: Positive (Hundreds per year): Projects will

reduce need to use operating budget for

repairs.

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year			5-Year Total	15-Year Total	Funding Source		
2015-16	2016-17	2017-18	Through 2019-20	Through 2029-30			
\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$1,500,000	Capital Improvements Fund

Bolin Creek Trail

The Bolin Creek Trail (Phase 3) project includes an extension of the existing Bolin Creek Trail about .5 miles west along Bolin Creek to Umstead Park. The project will involve underpasses of Martin Luther King Jr. Blvd and Pritchard Avenue Extension and 2 bridges over Bolin Creek.

Table and Ref #: Table 3, Ref #87
Location: Bolin Creek
Operating Budget Impact: No Impact

Fiscal Year in FY 2010-		budgeted i	in multi-yed	5-Year Total	15-Year Total	Funding Source	
2015-16	5-16 2016-17 2017-18 2018-19 2019-20					Through 2029-30	
-	-	-	-	-	-	-	2010 Bond Issue

Morgan Creek Trail

The Morgan Creek Trail (Phase 2) project will connect the existing Morgan Creek and Fan Branch Trails. The new segment will be approximately 1/3 mile long and will include two bridges and a tunnel under Culbreth Road. The project will provide direct trail connections to Merritt's Pasture, Southern Village, Culbreth Road, and Southern Community Park.

Table and Ref #: Table 3, Ref #89
Location: Morgan Creek
Operating Budget Impact: No Impact

Adopted 2015-16 Budget and Projected Expenditures

Fiscal Year in FY 2010-		budgeted i	in multi-yed	5-Year Total	15-Year Total	Funding Source	
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
-	-	-	-	-	-	-	2010 Bond Issue

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 #92
Location: Various sites
Operating Budget Impact: No Impact

Fiscal Year (\$FY 2012-13	\$700,000) b	udgeted in n	5-Year Total	15-Year Total	Funding Source		
2015-16	2016-17	2017-18	2018-19	2019-20	Through 2019-20	Through 2029-30	
-	-	-	-	ı	-	-	Two-thirds Bonds (2012)

CAPITAL PROGRAM TABLES – INTRODUCTION

The Capital Improvements Program contains tables that outline the adopted budget for CIP projects in fiscal year 2015-16 and projected expenditures in future fiscal years for all funds, from 2015-16 through 2029-30. These tables are as follows:

- **Table 1. Capital Improvements.** Table 1 lists projects identified for Capital Improvements. Projects listed include adopted projects for 2015-16 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	2014-15 Budget Revised	2015-16 Adopted Budget	2016-17	
	Municipal Operations Facilities				
1	Extraordinary Maintenance	\$ 158,851	\$ 100,000	\$ 100,000	
2	Town Hall Flood	953,405	-	-	
3	Small Capital Improvements	29,500	100,000	100,000	
4	Facility Condition Assessment	85,000	=	=	
	Public Safety				
5	Fire Truck	655,353	-	-	
	Town Facilities Leased by Others				
6	Housing Maintenance	55,443	14,856	-	
	Infrastructure	,	ŕ		
7	Parking Lots/Paths/Trails	50,000	50,000	50,000	
8	Neighborhood Traffic Calming, Pedestrian & Bicycle Improvements	-	50,000	50,000	
9	Curb Cut Improvements (ADA)	37,209	30,000	30,000	
10	Town Hall Parking Deck Maintenance	65,000	-	-	
11	Variable Message Sign System	93,750	_	_	
12	Cedar Falls Parking Lot	-	_	80,000	
13	Ephesus Church/Fordham Engineering	637,594	_	-	
14	2200 Homestead Road	-	_	30,000	
15	Street Infrastructure Improvements	_	-	-	
	Communications				
16	Fire Radios	49,000	149,000	149,333	
17	Fiber Optic Network	540,503	-	· -	
18	Fire House Mobile & GIS System for Response Units	3,339	-	-	
19	In-Car Police Cameras	51,125	-	-	
20	Document Management	218,634	-	-	
	Parks and Other Public Use Facilities				
21	Cemetery Beautification	64,577	20,000	20,000	
22	Small Parks Improvements	167,975	100,000	150,000	
23	Northside Gym Roof Replacement	-	-	205,000	
24	Greenways	237,563	80,000	80,000	
25	Meadowmont Dam	-	30,000	-	
26	Homestead Dam	-	30,000		
27	Battle Branch Trail	707	-	-	
28	Community Center Pool	50,000	-	-	
29	Bolin Creek Trail	238,247	-	-	
30	Property Line Marking	-	-	50,000	
31	Accessible Playground	50,000	-	-	
32	Playgrounds	100,000	100,000	100,000	
	Total	\$ 4,592,775	\$ 853,856	\$ 1,194,333	

^{*}Future years after FY2015-16 are for planning purposes only.

2017-18	2018-19	2019-20	2020-30	Reference #
\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	1
-	-	-	-	2
100,000	100,000	100,000	1,000,000	3
-	-	98,500	-	4
-	-	-	-	5
-	_	_	-	6
50,000	50,000	50,000	500,000	7
50,000	50,000	50,000	500,000	8
30,000	30,000	50,000	340,000	9
-	-	-	-	10
-	-	-	-	11
-	80,000	-	80,000	12
 -	-	-	-	13
1,400,000	1,300,000	-	-	14
1,400,000	1,300,000		-	13
149,333	149,333	-	-	16
-	-	-	-	17
-	-	-	-	18
-	=	-	-	19 20
	-	-	-	20
20,000	20,000	20,000	200,000	21
150,000	150,000	150,000	1,500,000	22
		- 20,000	1 250 000	23
80,000	80,000	80,000	1,250,000	24
-	-	-	-	25 26
-	-	-		27
-	-	-	-	28
-	-	-	-	29
50,000	50,000	50,000	50,000	30
300,000	-	-	-	31
100,000	100,000	100,000	1,000,000	32
\$ 2,579,333	\$ 2,259,333	\$ 848,500	\$ 7,420,000	

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

Reference #	Project	Revised Budget 2014-15	Adopted 2015-16	2016-17		
	Municipal Operations Facilities					
33	Comprehensive Public Housing Renovations	\$ -	\$ 454,460	\$ 454,460		
34	Comprehensive Public Housing Renovations	449,057	-	-		
	Comprehensive Public Housing Renovations	410,655	-	-		
36	Comprehensive Public Housing Renovations	12,356	-	-		
	Fire Station 1 Replacement	-	-	-		
38	Fire Station 2 Replacement	-	-	2,652,250		
39	Fire Station 3 Replacement	-	-	3,715,000		
	Fire Station 4 Replacement	-	-	-		
41	100 West Rosemary Renovation	-	-	375,000		
	Public Safety Headquarters	-	-	48,550		
	Parks & Recreation Administration Building	-	-	-		
	Cultural Arts Building	-	-	-		
	Fire Warehouse/Garage Facility	-	-	-		
46	Fire Training Center Replacement	-	-	-		
	Solid Waste Transfer Station	-	-	422,500		
	Wallace Parking Facility	500,000	-	-		
	Multi-Agency Complex Project	1,692,474	-	-		
	Town Hall Emergency Generator	720,000	-	-		
	Town Hall HVAC Improvements	290,000	-	-		
	Hargraves Roof Replacement	290,000	-	-		
53	Energy Efficiency Projects	530,000	-	-		
	Public Safety					
54	Fire Self-Contained Breathing Apparatus	500,000	-	-		
	Infrastructure					
55	Stormwater Projects	75,000	75,000	100,000		
56	North Street Culvert Replacement	-	-	210,000		
57	Small/Medium Drainage Maintenance and Improvements	-	-	-		
58	Burning Tree Drive Additional Culvert	-	=	-		
59	Infrastructure Capital Improvement Program	-	=	100,000		
60	Water Quality Capital Improvement Program	-	=	50,000		
61	Rosemary Street and Pritchard Avenue	-	=	-		
62	Mitchell Street to Tanyard Branch	-	=	-		
63	South Elliot Road Culvert Replacement	660,000	=	-		
64	Booker Creek Road Culvert Replacement	300,000	-	-		
65	Subwatershed Modeling	300,000		-		
66	Street Sweeper Equipment	55,000	-	-		
	Wallace Deck Waterproofing	-	-	1,000,000		
	Replace gate and ticket equipment - Wallace Decl	75,300	-	-		
	Pay-in-Lane System	42,000	-	-		
	Parking Management Software	34,194	-	-		
	Old Durham/Chapel Hill Rd. Bike & Ped Project**	3,143,573	-	-		
	Friday Center Drive Bike & Ped Improvements**	565,000	-	-		
	Estes Drive Bike & Ped Improvements **	2,068,400	-	-		
	Rogers Road Design and Engineering	558,000	558,000 -			
75	Traffic Signal Improvement	450,000	-	-		
	Parks and Other Public Use Facilities					
76	Morgan Creek Trail*	1,410,000	-			
77	Tanyard Branch Trail	150,000				
	Bolin Creek Trail*	160,000		-		
	TOTAL	\$ 15,441,009	\$ 529,460	\$ 9,127,760		

Note: Future years after FY2015-16 are for planning purposes only.

^{*}In addition to the funding shown on this table, these projects are also funded by Parks Bonds

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

	2017-18	2018-19	2018-19 2019-20		Fund Source	Reference #	
\$	454,460	\$ 454,460	\$ 454,460	\$ 4,544,600	HUD Grant	33	
Ψ	-	-	-	- 1,5 : 1,000	HUD Grant	34	
	_	_	-	_	HUD Grant	35	
	_	_	_	_	HUD Grant	36	
	_	3,376,257	_	_	Future Bond Issuance	37	
	_	-	_	_	Future Bond Issuance	38	
	_	-	-	-	Future Bond Issuance	39	
	2,652,250	-	-	-	Future Bond Issuance	40	
	2,825,000	-	-	-	Future Bond Issuance	41	
	551,668	880,547	16,369,387	-	Future Bond Issuance	42	
	-	3,584,000	-	-	Future Bond Issuance	43	
		3,360,000	-	-	Future Bond Issuance	44	
	-	520,000			Future Bond Issuance	45	
	2,652,250	-	-	-	Future Bond Issuance	46	
	4,720,000	-	-	-	Future Bond Issuance	47	
	-	-	-	-	Limited Obligation Bonds	48	
	-	-	-	-	Multi-year Capital Project Ord.	49	
	-	-	-	-	Multi-year Capital Project Ord.	50	
	-	-	-	-	Multi-year Capital Project Ord.	51	
	-	-	-	-	Multi-year Capital Project Ord.	52	
	=	-	-	-	Multi-year Capital Project Ord.	53	
					<u> </u>		
	_	-	_	-	Multi-year Capital Project Ord.	54	
			<u>I</u>	<u>I</u>			
	100,000	100,000	100,000	1,000,000	Stormwater Management Funds	55	
	-	-	-	-	Stormwater Management Funds	56	
	35,000	150,000	150,000	_	Stormwater Management Funds	57	
	50,000	-	-	_	Stormwater Management Funds	58	
	200,000	300,000	400,000	_	Stormwater Management Funds	59	
	150,000	400.000	500,000	500,000	Stormwater Management Funds	60	
	-	-	250,000	270,000	Stormwater Management Funds	61	
	_	_	250,000	1,000,000	Stormwater Management Funds	62	
	_	_	-	-	Stormwater Management Funds	63	
	_	_	_	_	Stormwater Management Funds	64	
	_	_	_	_	Stormwater Management Funds	65	
	_	-	-	-	Stormwater Management Funds	66	
	_	-	-	-	Parking Revenue	67	
	_	-	-	-	Parking Revenue	68	
	-	-	-	-	Parking Revenue	69	
	_	-	-	-	Parking Revenue	70	
	_	-	-	-	NCDOT Direct Allocation Grant	71	
	_	-	-	-	Multi-year Capital Project Ord.	72	
	-	-	-	-	NCDOT Direct Allocation Grant	73	
	_	-	-	-	Multi-year Capital Project Ord.	74	
	-	-	-	-	NCDOT Direct Allocation Grant	75	
			-	-			
	_	_		<u> </u>	NCDOT Direct Allocation Grant	76	
				_	Chapel Hill/Carrboro Schools	77	
		_	<u> </u>	_	Multi-year Capital Project Ord.	78	
			1		in jour cupium i roject Oru.	- 10	
\$	14,390,628	\$ 13,125,264	\$ 18,473,847	\$ 7,314,600			

Table 3: 2003 Bonds: Approved Bond Projects

				2004 Bond Sa	ale (\$4,000,000)
Reference #	Council Priority	Project Name	Category	2004-05	2005-06
	Muni	cipal Operations Facilities			
79	2	Energy Efficiency Projects	Public Buildings	\$ 392,600	\$ -
80	2	Sustainable Community Project - Local Match	Public Buildings	17,400	-
81	7	Energy Management System: Town Hall HVAC	Public Buildings	-	90,000
	Infras	tructure			
82	2	Downtown Improvements - Streetscape	Sidewalks & Streets	500,000	-
83	2	Neighborhood Traffic Calming, Pedestrian, and Bicycle Improvements	Sidewalks & Streets	50,000	250,000
84	2	Pedestrian Amenities at Town Owned Traffic Signals	Sidewalks & Streets	20,000	80,000
85	2	Streets and Bridges	Sidewalks & Streets	-	-
86	2	Sidewalks and Bicycle Facilities	Sidewalks & Streets	600,000	-
	Parks	and Other Public Use Facilities			
87	2	Bolin Creek Trail	Parks/Recreational Facilities	100,000	-
88	2	Dry Creek Trail	Parks/Recreational Facilities	125,000	-
89	2	Morgan Creek Trail	2003 Bond	75,000	-
90	2	Open Space Acquisition	Open Space and Areas	1,200,000	-
91	2	Upper Booker Creek Trail	2003 Bond	-	-
92	2	Parks Facilities	Parks/Recreational	-	-
93	2	Library Expansion	Library Facilities	500,000	-
		TOTAL		\$ 3,580,000	\$ 420,000

COLUMN DESCRIPTION KEY

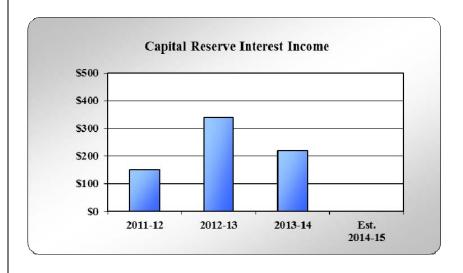
Council Priority

- 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

	Two-Thirds Bonds (\$1,700,000)		2010 Bond Sale (\$20,760,237)				2006 Bond Sa
Reference #	2011-12 2012-13		2010-11	2009-10	2008-09	2007-08	2006-07
392,600 79	\$ \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17,400 80	\$ -	-	-	-	-	-	-
90,000 81	\$ -	-	-	-	-	-	-
1,564,000 82	\$ -	-	64,000	-	-	-	1,000,000
525,000 83	\$ -	-	225,000	-	-	-	-
250,000 84	\$ -	-	100,000	-	-	-	50,000
1,661,000 85	\$ 1,000,000	-	661,000	-	-	-	-
2,642,042 86	\$ -	-	1,442,042	-	-	-	600,000
2,345,889 87	\$ -	-	2,245,889	-	-	-	-
291,540 88	\$ -	-	150,540	-	-	-	16,000
2,255,455 89	\$ -	-	1,212,455	-	-	-	968,000
2,000,000 90	\$ -	-	-	-	-	-	800,000
170,608 91	\$ -	-	154,608	-	-	-	16,000
700,000 92	\$ 700,000	-	-	-	-	-	-
16,504,703 93	\$ -	=	14,504,703	-	-	=	1,500,000
29,710,237	\$ \$ 1,700,000	\$ -	\$ 20,760,237	\$ -	\$ -	\$ -	\$ 4,950,000

CAPITAL RESERVE FUND

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



CAPITAL RESERVE FUND BUDGET SUMMARY

No appropriations are planned for the Capital Reserve Fund for 2015-16, which had a fund balance of \$214,756 at June 30, 2014.

EXPENDITURES									
	3-14 tual	Ori	14-15 iginal idget	Re	14-15 evised idget	14-15 imated	A	015-16 dopted Budget	% Change from 2014-15
Reserved for CIP Transfer to Capital	\$ -	\$	-	\$	-	\$ -	\$	-	N/A
Improvements Fund Transfer to General Fund	-		-		-	-		-	N/A N/A
Total	\$ -	\$	-	\$	-	\$ -	\$	-	N/A

REVENUES											
		13-14 ctual	Or	14-15 iginal udget	R	014-15 evised udget		014-15 timated	A	2015-16 Adopted Budget	% Change from 2014-15
Interest on Investments Appropriated	\$	236	\$	-	\$	-	\$	-	\$	240	N/A
Fund Balance		(236)		-		-		-		(240)	N/A
Total	\$	-	\$	-	\$	-	\$	-	\$	-	N/A

MAJOR CAPITAL BOND PROJECTS

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

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, 2015 are shown in the table at the right.

Major Capital Bond Projects		Budget	Expenditures as of June 30, 2015			
Wajor Capital Bolia 110jects		Buaget	91	mc 50, 2015		
1996 Bond Projects						
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	\$	13,425,000	\$	13,425,000		
2003 Bond Projects						
Public Buildings	\$	500,000	\$	280,000		
Streets and Sidewalks		5,600,000		4,621,000		
Library Expansion		16,260,000		16,260,000		
Open Space		2,000,000		2,000,000		
Parks and Recreation		5,000,000		5,000,000		
Subtotal	\$	29,360,000	\$	28,161,000		
2012 LOBS Projects						
Lot 5 Project	\$	6,000,000	\$	5,770,000		
Parking Projects	Ψ	500,000	Ψ	-		
TOC Projects		200,000		5,000		
Subtotal	\$	6,700,000	\$	5,775,000		
		, ,				
2012 Two-Thirds Projects						
Street Resurfacing	\$	982,000	\$	982,000		
Bolinwood Drive Bridge		17,000		17,000		
Cedar Falls Park Building		232,000		217,000		
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		
Subtotal	\$	1,819,000	\$	1,804,000		
TOTAL	φ	E1 204 000	φ	40 1 <i>6</i> 5 000		
TOTAL	\$	51,304,000	\$	49,165,000		