

# ***CAPITAL PROGRAM***

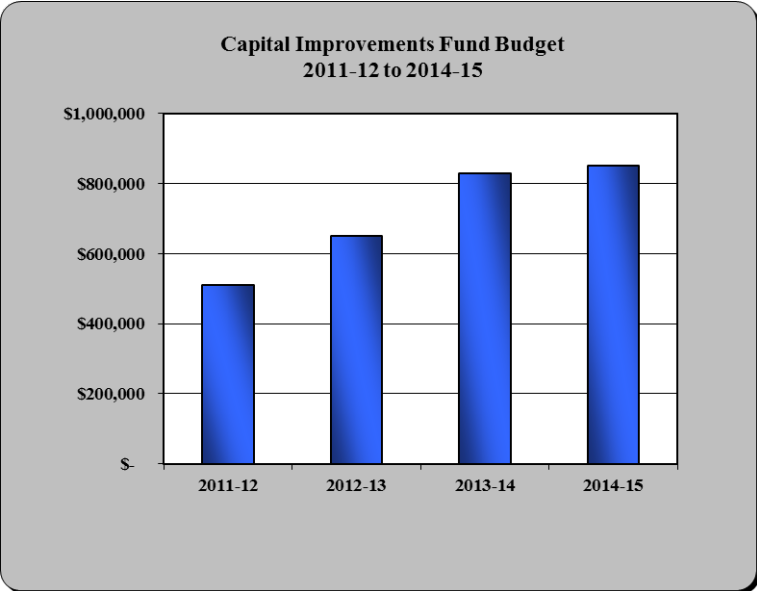
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The Capital Program is a 15-year financial plan for the Town's major capital and infrastructure needs. The program identifies capital needs, establishes priorities and identifies potential funding sources.

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 2014-15 are part of the 2014-15 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***

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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

## **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***

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## **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 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***

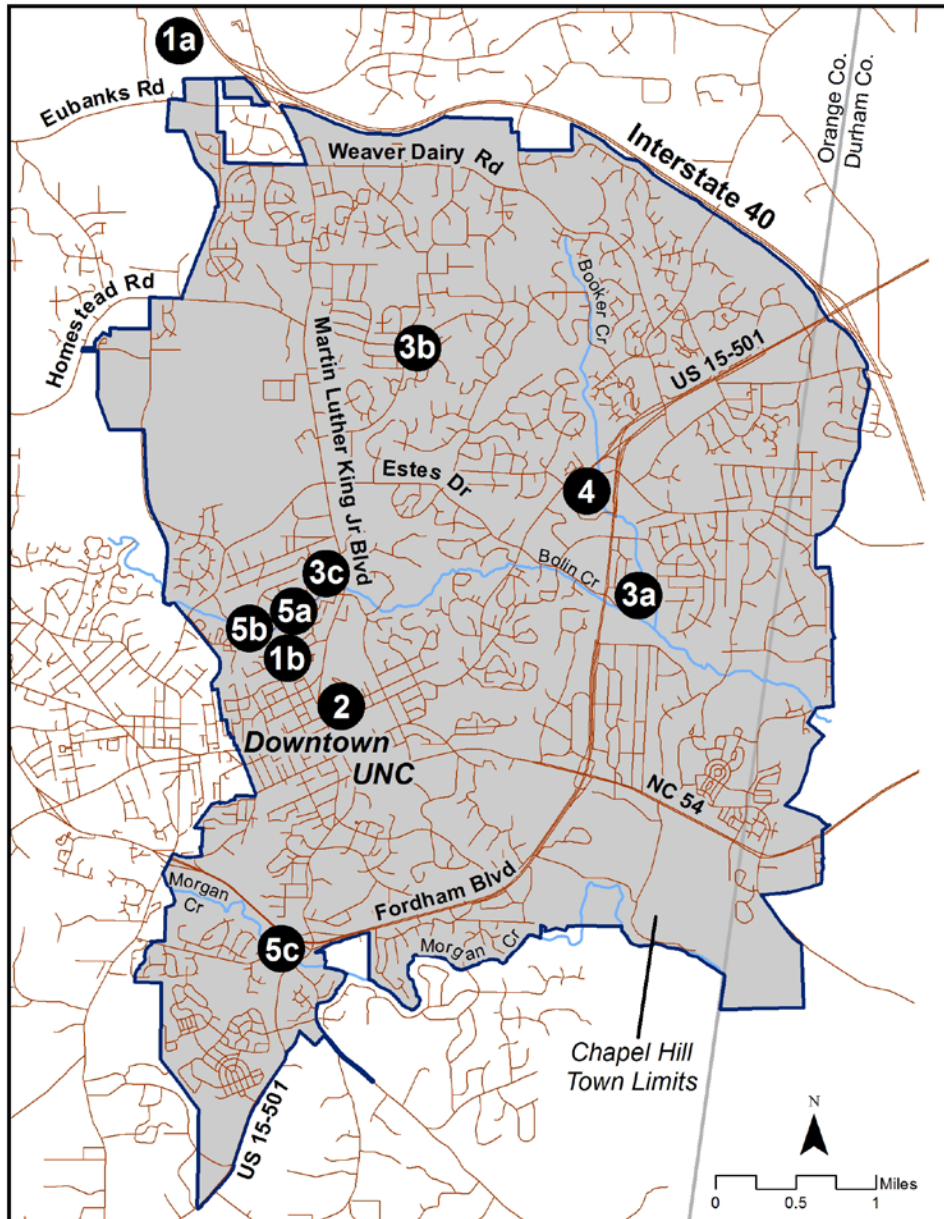
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This section highlights key projects included in the 2014-29 Capital Program. The map on the following page shows project locations.

Major projects in the Program anticipated to take place over the next five years include completion of a municipal fiber optic cable network, Morgan Creek Trail expansion, Bolin Creek Trail expansion, replacement of playground equipment at Umstead Park, and culvert replacement at Booker Creek. 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 Operations Center (Fiber optic hub); 1b. Town Hall (Fiber optic hub); 2. Wallace Deck; 3a. South Estes Dr Public Housing; 3b. Eastwood Public Housing; 3c. Airport Gardens Public Housing; 4. Booker Creek Watershed Improvements; 5a. Bolin Creek Trail; 5b. Umstead Park; 5c. Morgan Creek Trail

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

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## **1. Municipal Fiber Project**

The Town of Chapel Hill Municipal Fiber Project will install fiber optic communications cable linking Town administrative, service and recreation facilities. The project will provide high speed data communications to facilitate voice, data and video services for Town facilities. The work is being undertaken in conjunction with a North Carolina Department of Transportation project to upgrade traffic signals throughout Chapel Hill and Carrboro.

The Town municipal fiber will provide reliable site-to-site communication services for both emergency and day-to-day activities. The project is expected to be completed in 2014.

## **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 FY15 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. The old deteriorating roofs at our South Estes Drive, Eastwood and Airport Gardens Housing complex will be replaced, as they have experienced several leaks causing damage to the ceilings and plywood sheathing of the buildings. Repairs include replacement of roofs, ridge vents, gutters and downspouts, gutter guards and replacement of damaged sheathing and deck.

## **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. Parks & Recreation Projects**

Morgan Creek Trail (Phase 2): 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. Construction started in calendar year 2012. The project is expected to be completed in the summer of 2014.

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. Construction is expected to start in late 2014 or early 2015.

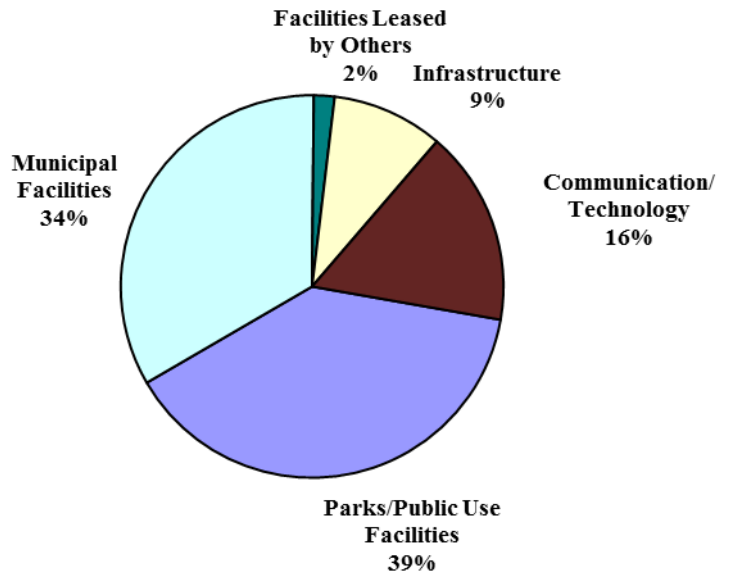
In FY10, the Town began process of replacing playground equipment in at least four Town parks there were in need of replacement due to aging and in order to comply with Americans with Disabilities Act and Consumer Product Safety Commission guidelines. The Town is now in year 5 of this process and will focus on Umstead Park for FY15. The goal of playground replacement is to provide safe, accessible facilities for the citizens of Chapel Hill.

# CAPITAL IMPROVEMENTS FUND

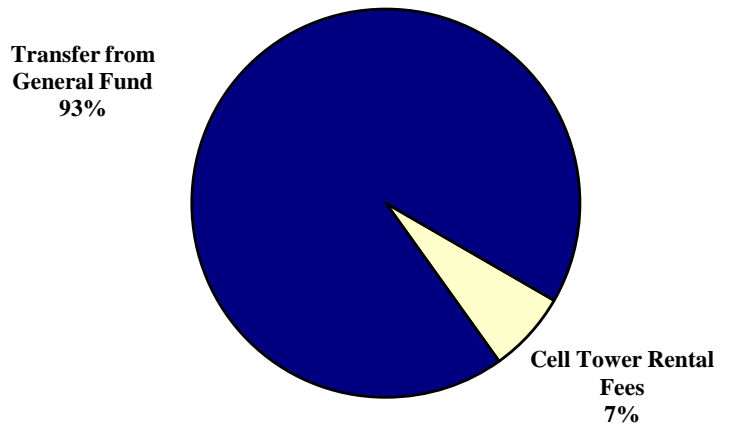
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The Capital Improvements Fund generally accounts for purchases and construction that can be completed within a single year. Capital Improvements Fund (CIP) projects are prioritized as part of the Town's 15-year capital program.

### Capital Improvements Fund Expenditures



### Capital Improvements Fund Revenues





# ***CAPITAL IMPROVEMENTS FUND***

## ***BUDGET SUMMARY***

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The budget for the Capital Improvements Program for 2014-15 totals \$849,856, and includes projects to be completed in FY15.

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### **EXPENDITURES**

	<b>2012-13 Actual</b>	<b>2013-14 Original Budget</b>	<b>2013-14 Revised Budget</b>	<b>2013-14 Estimated</b>	<b>2014-15 Adopted Budget</b>
Municipal Facilities	\$ 81,523	\$ 120,000	\$ 1,825,030	\$ 1,825,030	\$ 285,000
Public Safety	5,811	-	844,189	844,189	-
Facilities Leased by Others	6,685	14,000	57,314	57,314	14,856
Infrastructure	120,512	230,000	257,263	257,263	80,000
Communication/Technology	329,756	89,500	891,426	891,426	140,000
Parks/Public Use Facilities	249,680	375,000	552,392	552,392	330,000
<b>Total</b>	<b>\$ 793,967</b>	<b>\$ 828,500</b>	<b>\$ 4,427,614</b>	<b>\$ 4,427,614</b>	<b>\$ 849,856</b>

### **REVENUES**

	<b>2012-13 Actual</b>	<b>2013-14 Original Budget</b>	<b>2013-14 Revised Budget</b>	<b>2013-14 Estimated</b>	<b>2014-15 Adopted Budget</b>
Housing Rent Proceeds	\$ -	\$ 14,000	\$ 14,000	\$ 14,000	\$ 14,856
Cell Tower Rental Fees	57,987	55,000	55,000	55,000	55,000
Interest on Investments	1,619	1,000	1,000	1,000	1,000
Revenue in Lieu	1,500	-	-	-	-
Insurance Claims	-	-	267,092	267,092	-
Transfer from General Fund	1,635,000	758,500	2,409,693	2,409,693	779,000
Appropriated Fund Balance	(902,139)	-	1,680,829	1,680,829	-
<b>Total</b>	<b>\$ 793,967</b>	<b>\$ 828,500</b>	<b>\$ 4,427,614</b>	<b>\$ 4,427,614</b>	<b>\$ 849,856</b>

***CAPITAL IMPROVEMENTS FUND  
DETAIL EXPENDITURES***

	<b>2012-13 Actual</b>	<b>2013-14 Original Budget</b>	<b>2013-14 Revised Budget</b>	<b>2013-14 Estimated</b>	<b>2014-15 Adopted Budget</b>
<b>MUNICIPAL OPERATIONS FACILITIES</b>					
Extraordinary Maintenance, Emergency Repairs	\$ 81,523	\$ 100,000	\$ 165,454	\$ 165,454	\$ 100,000
Town Hall Flood	-	-	1,639,576	1,639,576	-
Facility Condition Assessment	-	-	-	-	85,000
Small Capital Improvements	-	20,000	20,000	20,000	100,000
<b>Subtotal</b>	<b>\$ 81,523</b>	<b>\$ 120,000</b>	<b>\$ 1,825,030</b>	<b>\$ 1,825,030</b>	<b>\$ 285,000</b>
<b>PUBLIC SAFETY</b>					
Fire Truck	\$ 5,811	\$ -	\$ 844,189	\$ 844,189	\$ -
<b>Subtotal</b>	<b>\$ 5,811</b>	<b>\$ -</b>	<b>\$ 844,189</b>	<b>\$ 844,189</b>	<b>\$ -</b>
<b>TOWN FACILITIES LEASED BY OTHERS</b>					
Housing Maintenance	\$ 6,685	\$ 14,000	\$ 57,314	\$ 57,314	\$ 14,856
<b>Subtotal</b>	<b>\$ 6,685</b>	<b>\$ 14,000</b>	<b>\$ 57,314</b>	<b>\$ 57,314</b>	<b>\$ 14,856</b>
<b>INFRASTRUCTURE</b>					
Street Maintenance	\$ 73,000	\$ -	\$ -	\$ -	\$ -
Ephesus Ch./Fordham Engineering	-	150,000	150,000	150,000	-
Path, Trail and Lot Maintenance	6,500	50,000	72,931	72,931	50,000
Curbs / ADA	41,012	30,000	34,332	34,332	30,000
<b>Subtotal</b>	<b>\$ 120,512</b>	<b>\$ 230,000</b>	<b>\$ 257,263</b>	<b>\$ 257,263</b>	<b>\$ 80,000</b>

# ***CAPITAL IMPROVEMENTS FUND***

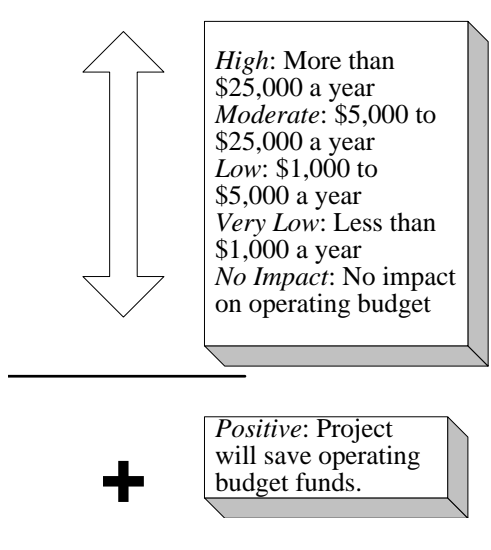
## ***DETAIL EXPENDITURES***

	<b>2012-13 Actual</b>	<b>2013-14 Original Budget</b>	<b>2013-14 Revised Budget</b>	<b>2013-14 Estimated</b>	<b>2014-15 Adopted Budget</b>
<b>COMMUNICATIONS AND TECHNOLOGY</b>					
Document Management	\$ -	\$ -	\$ 218,634	\$ 218,634	\$ -
Fiber Optic Network	239,935	-	532,503	532,503	91,000
Fire House Mobile & GIS System for Response Units	-	-	47,946	47,946	-
In-Car Police Cameras	-	89,500	89,500	89,500	-
Police Technology Upgrades	89,821	-	2,843	2,843	-
Fire Radios	-	-	-	-	49,000
<b>Subtotal</b>	<b>\$ 329,756</b>	<b>\$ 89,500</b>	<b>\$ 891,426</b>	<b>\$ 891,426</b>	<b>\$ 140,000</b>
<b>PARKS AND OTHER PUBLIC USE FACILITIES</b>					
Greenways	\$ 6,600	\$ 80,000	\$ 121,266	\$ 121,266	\$ 80,000
Battle Branch Trail	6,292	-	708	708	-
Transfer to Multi-Year Capital Project Fund (Percent for Art)	2,800	-	-	-	-
Transfer to Multi-Year Capital Project Fund (Synthetic Turf)	70,684	-	-	-	-
Playground Replacement	13,466	100,000	203,984	203,984	100,000
Accessible Playground	-	-	-	-	50,000
Cemetery Beautification	44,945	20,000	85,221	85,221	-
Small Park Improvements	104,893	100,000	66,253	66,253	100,000
Mobile Stage	-	75,000	74,960	74,960	-
<b>Subtotal</b>	<b>\$ 249,680</b>	<b>\$ 375,000</b>	<b>\$ 552,392</b>	<b>\$ 552,392</b>	<b>\$ 330,000</b>
<b>TOTALS</b>	<b>\$ 793,967</b>	<b>\$ 828,500</b>	<b>\$ 4,427,614</b>	<b>\$ 4,427,614</b>	<b>\$ 849,856</b>

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

This section provides descriptions of capital projects funded in the 2014-15 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.

<p><b><i>Explanation: Operating Budget Impact</i></b></p> <p>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.</p>	 <p><i>High:</i> More than \$25,000 a year  <i>Moderate:</i> \$5,000 to \$25,000 a year  <i>Low:</i> \$1,000 to \$5,000 a year  <i>Very Low:</i> Less than \$1,000 a year  <i>No Impact:</i> No impact on operating budget</p> <p><b>+</b></p> <p><i>Positive:</i> Project will save operating budget funds.</p>
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# PROJECT DESCRIPTIONS AND COSTS – CURRENTLY FUNDED PROJECTS

## Illustration: Tips for Reading Project Descriptions

**MUNICIPAL OPERATIONS FACILITIES** ← **Project Category**

**Project Name** → **Extraordinary Maintenance, Emergency Repairs**

**Description** → 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.

**Effect on Town's operating budget when project is implemented.** → *Table and Ref #:* Table 1, Ref #2  
*Location:* Various sites  
*Operating Budget Impact:* Positive (Thousands annually): Funding will reduce need to use operating funds for emergency repairs.

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

### Adopted 2014-15 Budget and Projected Expenditures

Fiscal Year					5-Year Total	15-Year Total*	Funding Source
2014-15	2015-16	2016-17	2017-18	2018-19	Through 2018-19	Through 2028-29	
\$70,000	\$100,000	\$100,000	\$100,000	\$100,000	\$475,000	\$1,470,000	Capital Improvements Fund

Summary of 2014-15 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 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total*</i>	<i>Funding Source</i>
<b>2014-15</b>	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</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 #31  
*Location:* Public Housing sites  
*Operating Budget Impact:* Positive (Tens of thousands annually): Renovations will reduce need to make repairs using operating budget funds.

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$449,057	\$449,057	\$449,057	\$449,057	\$449,057	\$2,245,285	\$6,735,855	Community Development Block Grant Program

# ***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 #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 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</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 #9  
*Location:* Various Sites  
*Operating Budget Impact:* No Impact

#### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	\$450,000	Capital Improvements Fund

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

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## **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 #44  
*Location:* Various Sites  
*Operating Budget Impact:* No Impact

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$1,125,000	Stormwater Management Fund

## **Booker Creek Road Culvert Replacement**

Funding will be used to replace deteriorated corrugated metal pipe under Booker Creek Rd identified as a high priority need by NCDOT in the biennial inspection report performed for the Town of Chapel Hill.

*Table and Ref #:* Table 2, Ref #47  
*Location:* Booker Creek Road  
*Operating Budget Impact:* Positive (More than \$1,000 annually):  
 Repairs will reduce need to use operating budget funds to address needs.

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$300,000	-	-	-	-	\$300,000	\$300,000	Stormwater Fund



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

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**Subwatershed Modeling**

Perform data collection and hydrologic and hydraulic modeling for two subwatersheds as prioritized in the Stormwater Master Plan and approved by the Town Council.

*Table and Ref #:*                      Table 2, Ref #48  
*Location:*                                      Northeastern Chapel Hill  
*Operating Budget Impact:*      No Impact

***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
2014-15	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$300,000	-	-	-	-	\$300,000	\$300,000	Stormwater Fund

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

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## **COMMUNICATIONS AND TECHNOLOGY**

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### **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

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$49,000	\$89,750	\$142,911	\$147,200	\$151,615	\$580,476	\$580,476	Capital Improvements Fund

### **Fiber Cable Install**

Install Fiber cable from Caswell Street to Martin Luther King Jr. Blvd. to complete a fiber loop for resiliency, since the main server room is now located at the Library.

*Table and Ref #:* Table 1, Ref #15

*Location:* Caswell St. to Martin Luther King Jr. Blvd.

*Operating Budget Impact:* No Impact

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$91,000	-	-	-	-	\$91,000	\$91,000	Capital Improvements Fund

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

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

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### **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 #21  
*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 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$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 #23  
*Location:* Various Sites  
*Operating Budget Impact:* Positive (Hundreds to thousands annually):  
 Projects will reduce need to use operating budget funds for greenway repairs.

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	2015-16	2016-17	2017-18	2018-19	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000	\$1,200,000	Capital Improvements Fund

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

## **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 one playground per year in the following priority order: Burlington Park, Umstead Park, Oakwood Park, North Forest Hills Park, and Westwood Park. Umstead Park equipment would be fully accessible for mobility challenged youth.

*Table and Ref #:*                      Table 1, Ref #29  
*Location:*                                      Various locations  
*Operating Budget Impact:*              Positive (Hundreds per year): Projects will reduce need to use operating budget for repairs.

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$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 #69  
*Location:*                                      Bolin Creek  
*Operating Budget Impact:*              No Impact

### ***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year (\$2,245,889) budgeted in multi-year fund in FY 2010-11</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
-	-	-	-	-	-	-	2010 Bond Issue

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

**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 #71  
*Location:* Morgan Creek  
*Operating Budget Impact:* No Impact

***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year (\$1,212,455) budgeted in multi-year fund in FY 2010-11</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
-	-	-	-	-	-	-	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 #74  
*Location:* Various sites  
*Operating Budget Impact:* No Impact

***Adopted 2014-15 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>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
-	-	-	-	-	-	-	Two-thirds Bonds (2012)

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

**Accessible Playground**

Construction of a totally accessible playground for children with disabilities. Our current play areas have limited access for children with disabilities.

<i>Table and Ref #:</i>	Table 1, Ref #27
<i>Location:</i>	To be determined
<i>Operating Budget Impact:</i>	Increased maintenance due to additional facilities

***Adopted 2014-15 Budget and Projected Expenditures***

<i>Fiscal Year</i>					<i>5-Year Total</i>	<i>15-Year Total</i>	<i>Funding Source</i>
<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<i>Through 2018-19</i>	<i>Through 2028-29</i>	
\$50,000	-	\$300,000	-	-	\$350,000	\$350,000	Capital Improvements Fund

## ***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 2014-15 and projected expenditures in future fiscal years for all funds, from 2014-15 through 2028-29. These tables are as follows:

- **Table 1. Capital Improvements.** Table 1 lists projects identified for Capital Improvements. Projects listed include adopted projects for 2014-15 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	2013-14 Budget Revised	2014-15 Adopted Budget	2015-16
<b>Municipal Operations Facilities</b>				
1	Extraordinary Maintenance	\$ 165,454	\$ 100,000	\$ 100,000
2	Town Hall Flood	1,639,576	-	-
3	Small Capital Improvements	20,000	100,000	100,000
4	Facility Condition Assessment	-	85,000	-
<b>Public Safety</b>				
5	Fire Truck	844,189	-	-
<b>Town Facilities Leased by Others</b>				
6	Housing Maintenance	57,314	14,856	-
<b>Infrastructure</b>				
7	Parking Lots/Paths/Trails	72,931	50,000	50,000
8	Neighborhood Traffic Calming, Pedestrian & Bicycle Improvements	-	-	50,000
9	Curb Cut Improvements (ADA)	34,332	30,000	30,000
10	Cedar Falls Parking Lot	-	-	80,000
11	Ephesus Church/Fordham Engineering	150,000	-	-
12	2200 Homestead Road	-	-	30,000
13	Street Infrastructure Improvements	-	-	-
<b>Communications</b>				
14	Fire Radios	-	49,000	89,750
15	Fiber Optic Network	532,503	91,000	-
16	Fire House Mobile & GIS System for Response Units	47,946	-	-
17	Police Technology Upgrades	2,843	-	50,550
18	In-Car Police Cameras	89,500	-	44,400
19	Document Management	218,634	-	-
<b>Parks and Other Public Use Facilities</b>				
20	Cemetery Beautification	85,221	-	20,000
21	Small Parks Improvements	66,253	100,000	150,000
22	Northside Gym Roof Replacement	-	-	205,000
23	Greenways	121,266	80,000	80,000
24	Design fees for Meadowmont Dam	-	-	125,000
25	Battle Branch Trail	708	-	-
26	Property Line Marking	-	-	50,000
27	Accessible Playground	-	50,000	-
28	Mobile Stage	74,960	-	-
29	Playgrounds	203,984	100,000	100,000
	<b>Total</b>	<b>\$ 4,427,614</b>	<b>\$ 849,856</b>	<b>\$ 1,354,700</b>

\*Future years after FY2014-15 are for planning purposes only.



2016-17	2017-18	2018-19	2019-29	Reference #
\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000	1
-	-	-	-	2
100,000	100,000	100,000	1,000,000	3
-	-	-	-	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	30,000	300,000	9
-	80,000	-	80,000	10
-	-	-	-	11
-	-	-	-	12
-	1,400,000	1,300,000	-	13
142,911	147,200	151,615	-	14
-	-	-	-	15
-	-	-	-	16
-	-	-	-	17
-	-	-	-	18
-	-	-	-	19
20,000	20,000	20,000	-	20
150,000	150,000	150,000	1,500,000	21
-	-	-	-	22
80,000	80,000	80,000	1,250,000	23
-	-	-	-	24
-	-	-	-	25
50,000	50,000	50,000	50,000	26
300,000	-	-	-	27
-	-	-	-	28
100,000	100,000	100,000	1,500,000	29
<b>\$ 1,172,911</b>	<b>\$ 2,357,200</b>	<b>\$ 2,181,615</b>	<b>\$ 7,680,000</b>	

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

Reference #	Project	Revised Budget 2013-14	Adopted 2014-15	2015-16
<b>Municipal Operations Facilities</b>				
30	Parking - Automatic Vehicle Identification System	\$ 35,322	\$ -	\$ -
31	Comprehensive Public Housing Renovations	-	449,057	449,057
32	Comprehensive Public Housing Renovations	444,974	-	-
33	Comprehensive Public Housing Renovations	425,673	-	-
34	Fire Station 2 Replacement	-	-	2,575,000
35	Fire Station 3 Replacement	-	-	-
36	100 West Rosemary Renovation	-	-	-
37	Public Safety Headquarters	-	-	535,600
38	Parks & Recreation Administration Building	-	-	-
39	Cultural Arts Building	-	-	403,000
40	Fire Training Center Replacement	-	-	-
41	Solid Waste Transfer Station	-	-	-
42	Wallace Parking Facility	500,000	-	-
43	SEEA Energy Grant	973,723	-	-
<b>Infrastructure</b>				
44	Stormwater Projects	93,000	75,000	75,000
45	Jordan Nutrient Rules Compliance	-	-	150,000
46	South Elliot Road Culvert Replacement	750,000	-	-
47	Booker Creek Road Culvert Replacement	-	300,000	-
48	Subwatershed Modeling	-	300,000	-
49	Street Sweeper Equipment	-	55,000	-
50	Downtown Development Initiative	1,116,000	-	-
51	Replace gate and ticket equipment - Wallace Deck	75,300	-	-
52	Pay-in-Lane System	42,000	-	-
53	Parking Management Software	34,194	-	-
54	Traffic Signal Improvement	450,000	-	-
<b>Communications and Technology</b>				
55	Development Software Project	300,000	-	-
<b>Parks and Other Public Use Facilities</b>				
56	Fordham Landscape Buffer	50,000	-	-
57	Percent for Art - Art Purchase	15,300	-	-
58	Pritchard Park	164,000	-	-
59	Tanyard Branch Trail	150,000	-	-
60	Bolin Creek Trail*	160,000	-	-
<b>TOTAL</b>		<b>\$ 5,779,486</b>	<b>\$ 1,179,057</b>	<b>\$ 4,187,657</b>

Note: Future years after FY2014-15 are for planning purposes only.

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

2016-17	2017-18	2018-19	2019-29	Fund Source	Reference #
\$ -	\$ -	\$ -	\$ -	Parking Revenues	30
449,057	449,057	449,057	4,490,570	HUD Grant	31
-	-	-	-	HUD Grant	32
-	-	-	-	HUD Grant	33
-	-	-	-	Future Bond Issuance	34
3,715,000	-	-	-	Future Bond Issuance	35
-	-	-	2,650,000	Future Bond Issuance	36
854,900	15,892,900	-	-	Future Bond Issuance	37
-	430,000	-	3,584,000	Future Bond Issuance	38
-	3,360,000	-	-	Future Bond Issuance	39
-	2,652,250	-	-	Future Bond Issuance	40
422,500	4,720,000	-	-	Future Bond Issuance	41
-	-	-	-	Limited Obligation Bonds	42
-	-	-	-	DOE Grant	43
75,000	75,000	75,000	750,000	Stormwater Management Funds	44
450,000	500,000	500,000	500,000	Stormwater Management Funds	45
-	-	-	-	Stormwater Management Funds	46
-	-	-	-	Stormwater Management Funds	47
-	-	-	-	Stormwater Management Funds	48
-	-	-	-	Stormwater Management Funds	49
-	-	-	-	Multi-year Capital Project Ord.	50
-	-	-	-	Parking Revenue	51
-	-	-	-	Parking Revenue	52
-	-	-	-	Parking Revenue	53
-	-	-	-	NCDOT Direct Allocation Grant	54
-	-	-	-	Multi-year Capital Project Ord.	55
-	-	-	-	Multi-year Capital Project Ord.	56
-	-	-	-	Multi-year Capital Project Ord.	57
-	-	-	-	Multi-year Capital Project Ord.	58
-	-	-	-	Chapel Hill/Carrboro Schools	59
-	-	-	-	Multi-year Capital Project Ord.	60
<b>\$ 5,966,457</b>	<b>\$ 28,079,207</b>	<b>\$ 1,024,057</b>	<b>\$ 11,974,570</b>		

**Table 3: 2003 Bonds: Approved Bond Projects**

Reference #	Council Priority	Project Name	Category	2004 Bond Sale (\$4,000,000)	
				2004-05	2005-06
<b>Municipal Operations Facilities</b>					
61	2	Energy Efficiency Projects	Public Buildings	\$ 392,600	\$ -
62	2	Sustainable Community Project - Local Match	Public Buildings	17,400	-
63	7	Energy Management System: Town Hall HVAC	Public Buildings	-	90,000
<b>Infrastructure</b>					
64	2	Downtown Improvements - Streetscape	Sidewalks & Streets	500,000	-
65	2	Neighborhood Traffic Calming, Pedestrian, and Bicycle Improvements	Sidewalks & Streets	50,000	250,000
66	2	Pedestrian Amenities at Town Owned Traffic Signals	Sidewalks & Streets	20,000	80,000
67	2	Streets and Bridges	Sidewalks & Streets	-	-
68	2	Sidewalks and Bicycle Facilities	Sidewalks & Streets	600,000	-
<b>Parks and Other Public Use Facilities</b>					
69	2	Bolin Creek Trail	Parks/Recreational Facilities	100,000	-
70	2	Dry Creek Trail	Parks/Recreational Facilities	125,000	-
71	2	Morgan Creek Trail	2003 Bond	75,000	-
72	2	Open Space Acquisition	Open Space and Areas	1,200,000	-
73	2	Upper Booker Creek Trail	2003 Bond	-	-
74	2	Parks Facilities	Parks/Recreational	-	-
75	2	Library Expansion	Library Facilities	500,000	-
<b>TOTAL</b>				<b>\$ 3,580,000</b>	<b>\$ 420,000</b>

**COLUMN DESCRIPTION KEY**

**Council Priority**

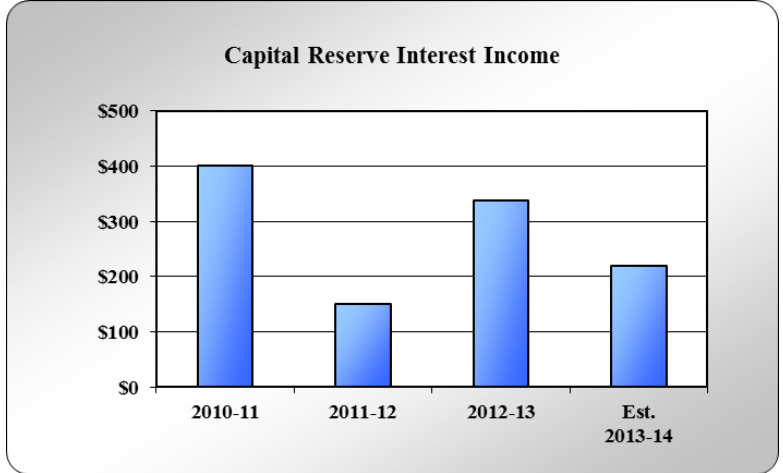
- 1 - Council Authorized Contracts
- 2 - Projects that have a Council mandate
- 3 - Projects that we have a legal requirement to perform or complete
- 4 - Projects that would repair or maintain existing Town facilities/infrastructure above and beyond ordinary maintenance
- 5 - Projects involving public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

2006 Bond Sale (\$4,950,000)				2010 Bond Sale (\$20,760,237)		Two-Thirds Bonds (\$1,700,000)		
2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	TOTAL	Reference #
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 392,600	61
-	-	-	-	-	-	-	\$ 17,400	62
-	-	-	-	-	-	-	\$ 90,000	63
1,000,000	-	-	-	64,000	-	-	\$ 1,564,000	64
-	-	-	-	225,000	-	-	\$ 525,000	65
50,000	-	-	-	100,000	-	-	\$ 250,000	66
-	-	-	-	661,000	-	1,000,000	\$ 1,661,000	67
600,000	-	-	-	1,442,042	-	-	\$ 2,642,042	68
-	-	-	-	2,245,889	-	-	\$ 2,345,889	69
16,000	-	-	-	150,540	-	-	\$ 291,540	70
968,000	-	-	-	1,212,455	-	-	\$ 2,255,455	71
800,000	-	-	-	-	-	-	\$ 2,000,000	72
16,000	-	-	-	154,608	-	-	\$ 170,608	73
-	-	-	-	-	-	700,000	\$ 700,000	74
1,500,000	-	-	-	14,504,703	-	-	\$ 16,504,703	75
\$ 4,950,000	\$ -	\$ -	\$ -	\$ 20,760,237	\$ -	\$ 1,700,000	\$ 29,710,237	

# ***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 FUND BUDGET SUMMARY***

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*No appropriations are planned for the Capital Reserve Fund for 2014-15, which had a fund balance of \$214,520 at June 30, 2013.*

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### **EXPENDITURES**

	<b>2012-13 Actual</b>	<b>2013-14 Original Budget</b>	<b>2013-14 Revised Budget</b>	<b>2013-14 Estimated</b>	<b>2014-15 Adopted Budget</b>	<b>% Change from 2013-14</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>2012-13 Actual</b>	<b>2013-14 Original Budget</b>	<b>2013-14 Revised Budget</b>	<b>2013-14 Estimated</b>	<b>2014-15 Adopted Budget</b>	<b>% Change from 2013-14</b>
Interest on Investments Appropriated	\$ 339	\$ -	\$ -	\$ 220	\$ -	N/A
Fund Balance	(339)	-	-	(220)	-	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 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, 2014 are shown in the table at the right.

<b>Major Capital Bond Projects</b>	<b>Budget</b>	<b>Estimated Expenditures as of June 30, 2014</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	3,000,000	2,978,000
Public Works Facilities	500,000	493,585
Subtotal	<u>\$ 13,500,000</u>	<u>\$ 13,471,585</u>
<b>2003 Bond Projects</b>		
Public Buildings	\$ 500,000	\$ 277,000
Streets and Sidewalks	5,600,000	4,037,000
Library Expansion	16,260,000	16,260,000
Open Space	2,000,000	2,000,000
Parks and Recreation	5,000,000	4,147,000
Subtotal	<u>\$ 29,360,000</u>	<u>\$ 26,721,000</u>
<b>2012 LOBS Projects</b>		
Lot 5 Project	\$ 6,000,000	\$ 5,770,000
Parking Projects	500,000	-
TOC Projects	200,000	-
Subtotal	<u>\$ 6,700,000</u>	<u>\$ 5,770,000</u>
<b>2012 Two-Thirds Projects</b>		
Street Resurfacing	\$ 983,000	\$ 945,000
Bolinwood Drive Bridge	17,000	17,000
Cedar Falls Park Building	231,000	65,000
Umstead Playground	7,000	7,000
Tennis Court Reconstruction	229,000	229,000
Southern Comm Park Lighting	58,000	106,000
Cedar Falls Artificial Turf	175,000	246,000
Subtotal	<u>\$ 1,700,000</u>	<u>\$ 1,615,000</u>
<b>TOTAL</b>	<b><u>\$ 51,260,000</u></b>	<b><u>\$ 47,577,585</u></b>