

*VILLAGE OF CLEMMONS
CAPITAL IMPROVEMENT PLAN
FOR YEAR ENDING JUNE 30, 2012*

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VILLAGE OF CLEMMONS
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FOR YEAR ENDING JUNE 30, 2012

Why a Capital Improvement Plan?

The Village staff and Council needed a tool to help with long range goals and to provide potential financing requirements in the future. Clemmons is unique in that we have a fifteen cent tax cap in our charter, therefore planning takes on a more important role. With the completion of the Village Transportation Plan, Comprehensive Plan, and Connectivity Study for Lewisville-Clemmons Road, several potential projects were identified. The staff and Council benefits from a method to focus on these recommendations, identify potential funding sources, and prioritize projects. Therefore the Village's first capital improvement plan was begun.

The **Capital Improvement Plan (CIP)** is a prioritized, multi-year plan for major capital expenditures, such as the construction, reconstruction, renovation or replacement of a public building, facility or major equipment item; the purchase of land, buildings or facilities for public purpose; studies and surveys leading to such physical improvements or any combination of the above. By providing a planned schedule of public improvements, the Plan outlines present and future needs and intentions. Projects included in the CIP are typically assets with a value of more than \$5,000 and a useful life of over one year. Exceptions have been made to this rule for practical reasons.

Village of Clemmons Goals and Initiatives (Comprehensive Plan)

- A community that is tied together linking residential and human scale activity centers with all modes of transportation through the objectives of the Village Transportation Plan
- Housing Opportunities for all that provide a system of inter-connected sidewalks, bike paths, and greenways connecting to points of interest and meeting the recreational needs of the residents
- A Vibrant village center that allows residents regular opportunities for interaction at community/civic events and recreational activities.
- Increased employment opportunities at activity and employment centers
- A green/sustainability community by being a leader in establishing and promoting sustainable development practices
- Community Gateways to foster our community character
- Fiscally Balanced land-use
- Redevelopment and design of the Lewisville-Clemmons Road Corridor to improve safety, traffic flow, aesthetics and bike/pedestrian needs.

The Capital Improvement Plan Process:

The Village of Clemmons' capital improvement Plan is the result of a detailed financial planning process used by Village manager and department heads to establish funding priorities of major capital projects. The purpose is to address the Village's immediate and long-term capital needs in a conscious effort to best provide services and facilities to the citizens of Clemmons. Fiscal year 2011 marks the first year in the development of a rolling ten year capital improvements document. A ten year planning tool of this magnitude has two significant benefits. First, it assists the Village in identifying potential projects necessary to meet the long-term goals of the community. Second, it gives Village Council and staff a view of future infrastructure needs and assists them in understanding the level of funding necessary to fulfill those needs.

To accomplish this, the CIP process consists of a three-phase mechanism.

First phase is submittal of ten-year capital plan to finance office and manager for consideration. This requires substantial planning at the department level to identify projects that are deemed necessary to respond to public needs.

The department head will prioritize projects (prioritization criteria follows), provide project cost estimates, potential operating cost estimates and identify potential funding sources.

Second phase of the CIP process includes a review of each proposal by the Finance Officer and Manager. Factors analyzed include:

- The **priority of the project** as defined by Village leaders, or formal Council policy.
- **Feasible funding** sources in relation to projected timetable.
- **Impact** the project will have on **the operating budget and service levels.**

The **third phase** consists of compiling the **ten-year Capital Improvement Plan** for consideration by the Village Council as part of the budget review and adoption process. Recognizing that needs and priorities vary from year-to-year, only the **first fiscal year** of the ten-year Plan is considered for adoption. The subsequent nine years are used for strategic financial planning purposes. Projects will be adjusted, and in some cases deleted, as situations and needs change throughout the course of the ten year planning period.

Guiding Principles for the FY 2011 Capital Improvements Plan

- The Village’s FYs 2011-2021 recommended capital improvements budget and plan focuses on equipment and infrastructure required for continued quality service delivery, recommendations from citizen committees’ transportation plan, comprehensive plan, stormwater capital improvement plan, projected infrastructure requirements, legally mandated projects and prior commitments.
- The effect on the operating budget will be assessed.
- The Village staff will follow purchasing regulations in NC General Statute 143 and all financial regulation in the Local Government Budget and Fiscal Control Act (General Statute 159).
- **Staff Ranking System for the FY 2011 Capital Improvements Plan**

Criteria	Points
Necessary for public safety or health	5
Legally mandated	5
Continuation of current service	4
Rehabilitates or replace an obsolete public facility	4
Stimulates economic growth	4
Recommended and adopted Citizen committee plan	4
Reduces future operating and maintenance cost	4
Enhances cultural or natural resources	3
Provides a new or expanded level of service	2
Promotes intergovernmental cooperation	2
Other	1

➤ **Capital Improvements Funding Goals**

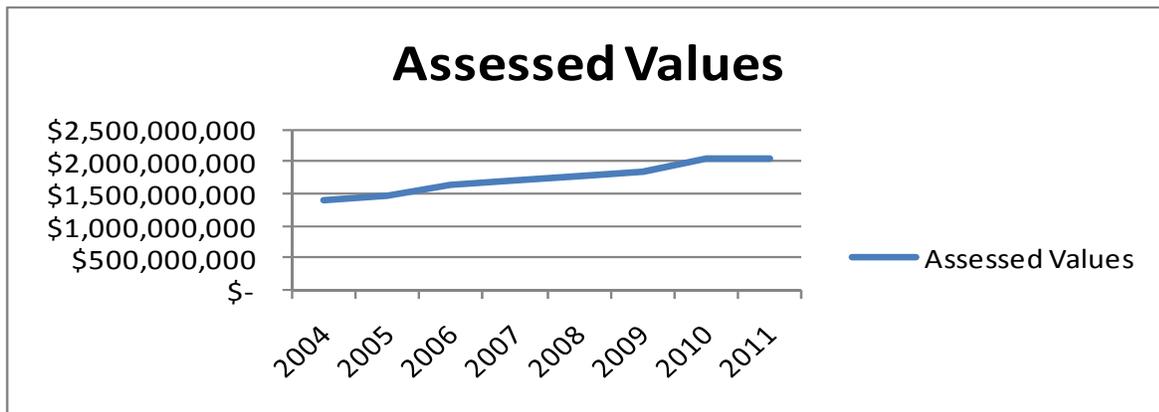
- Develop a ten year plan to anticipate future funding needs.
- Provide for inflationary increases by adding a minimum of 4% per year to project costs.
- Develop staffing, operating and maintenance budget impacts for all applicable capital projects.
- Issue debt when funds are needed for project spending, not before.
- Use debt for projects (or portions thereof) that provide value to future citizens.
- Combine debt sales to minimize issuance costs.
- Balance capital project priorities with affordability of any associated debt burden.

Factors influencing the Development for the FY 2012 Capital Improvements Plan

➤ **Revenue Sources**

○ **Property tax revenue**

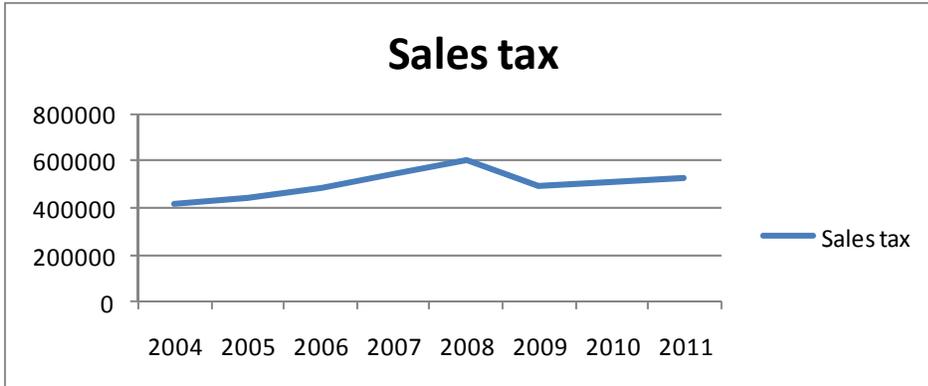
Assessed value historical has grown between 3 to 6 percent annually. Growth from FYE 2010 to FYE 2011 was only one percent with the sluggish trend estimated to continue due to foreclosures and unemployment.



- Clemmons has a fifteen cent tax cap in its charter of incorporation, which limits the major revenue source that the Village directly controls. Property taxes account for 43% of budget. Intergovernmental revenue sources account for 55% of the budget. The state or county controls those revenue sources.

➤ **Sales tax revenue**

In FYE 2008 sales tax revenue provided 13% of total revenue compared to 11% in FYE 2010.



➤ **Transportation Plan and Comprehensive Plan**

The identification of projects in the transportation and comprehensive plans that the Village is unable to fund on a pay-as-you go basis. There are very limited financing options for these projects due to the tax cap.

➤ **Economy**

Unemployment and the State budget deficit have an effect on intergovernmental revenues. Foreclosures and housing valuation has an effect on property tax valuation and collection. In FYE 2010 Clemmons' had a reduction in the collection rate for property taxes from 98.62% to 98.42%.

➤ **Prioritize**

Provide a prioritization of projects in order to anticipate revenue needs and help decide what projects can be funded on a pay-as-you-go basis, and what projects may need financing.

➤ **Stormwater**

Implement the stormwater committee capital improvement recommendations, funding with stormwater fee increases.

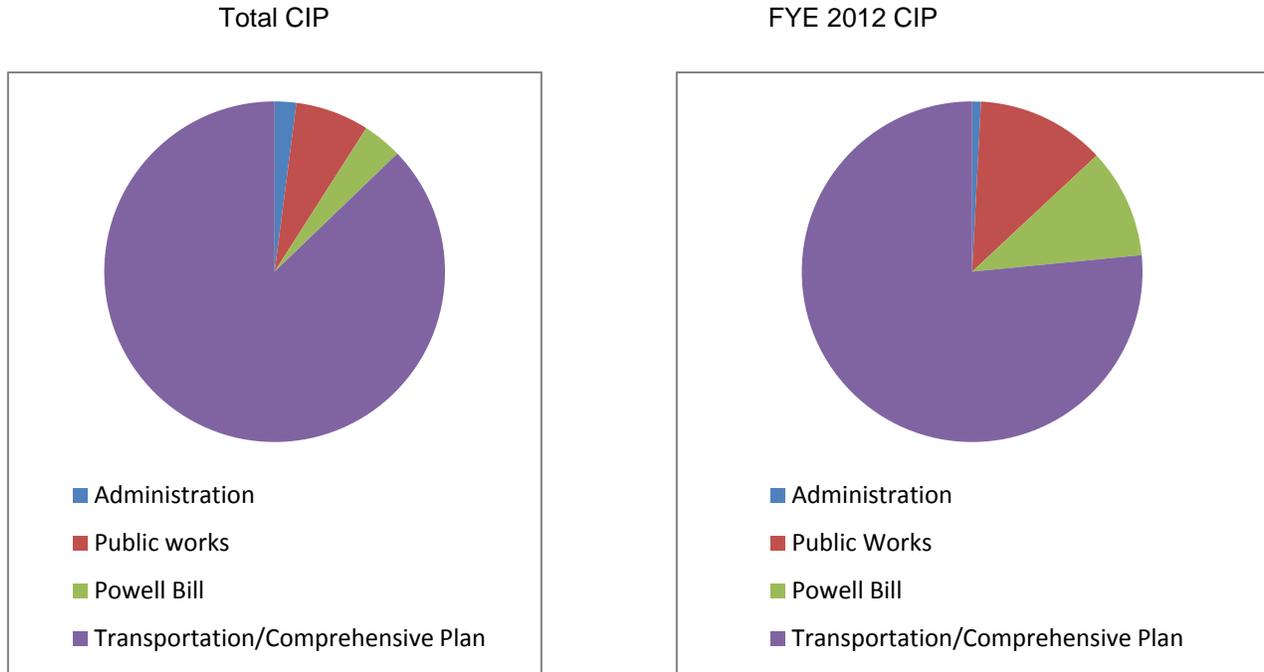
Debt service

In an effort to minimize the impact of issuing debt, the Village has always maintained a commitment to an annual pay-as-we-go capital financing. However, some major projects identified under the transportation and comprehensive plan cannot be financed under the pay-as-we-go financing within the fifteen cent tax cap. The Village Council and staff will enlist citizen input to find the best balance of debt financing with citizen safety and needs, and the impact on the Village's tax rate. Currently the Village of Clemmons has zero debt in the general fund.

As of FY 2010, the Village had a capital lease of \$69,575 in the Stormwater Fund for a tub grinder. This debt service is funded by stormwater fees.

General Fund Capital improvements Plan

The general fund capital projects over the next ten years total \$8,962,203. The FYE 2012 appropriated budget total \$2,035,431



Projects identified throughout this period range from equipment replacement that support continued service delivery, to incorporation of recommendations from transportation and comprehensive plans. There are some projects recommended in the transportation and comprehensive plans that are beyond the ten year period shown in capital improvement plan.

Capital projects are grouped under the following categories:

- Administration
- Public Works
- Powell Bill
- Planning
 - Transportation Plan
 - Comprehensive Plan

Stormwater Capital Improvements Budget and Plan

The stormwater fund capital project over the next ten years total \$4,000,249 with FY 2012 appropriations of \$448,350.

Projects identified throughout this period range from equipment needs for service delivery to Stormwater Committee Capital Improvement annual recommendations.

Capital Improvement Plan Recommended Appropriations for FYE 2012

Appropriated	FY 11-12
Administration	
Telephone System Capital Lease	\$ 11,171
Server replacement	5,800
subtotal	\$ 16,971
Public Works	
Leaf Machine	\$ 71,350
Flat Bed Dump Truck	70,000
Knuckle boom Truck	69,000
Radios	5,800
Module Office	25,000
subtotal	\$ 241,150
Powell Bill	
Road Construction (Resurfacing)	
Springfield Farm Road	\$ 200,000
Snow Plow Dump Tk	12,000
subtotal	\$ 212,000
Planning	
Land Purchase	\$ 513,500
Bike Stripping Springfield Farms	17,100
Village Point Lake Greenway	750,000
ROW Harper and Peacehaven RAB	200,000
Sidewalk & Crosswalk Hwy 158	79,560
subtotal	\$ 1,560,160
Total Appropriated Capital	<u>\$2,030,281</u>
Major Repairs & Renovation	
Public Works	<u>\$ 7,500</u>
Total CIP Appropriations	<u><u>\$2,037,781</u></u>

Continued, Capital Improvement Plan Recommended Appropriations for FYE 2012

Appropriation	Justification	Service Delivery Effected	Operating Cost
Telephone System	<ul style="list-style-type: none"> i. Current system is dated and inflexible ii. Messages that play when closed or weekends can't be changed by staff, ATT has to come, therefore we don't change due to cost involved iii. New system would be more flexible to allow for changes in messages. 	Not currently, could impact citizen satisfaction of customer service at some point	Yes
Server	Ensure technology upgrades to promote productive staff. Problems with memory at times.	Yes	No
Leaf Vacuum LV30	<ul style="list-style-type: none"> i. Replace 1999 Leaf Vacuum ii. Parts for current equipment phased out iii. Multiple shop repairs that delays leaf/limb service delivery. 	Yes	No
Knuckle boom truck L5	<ul style="list-style-type: none"> i. Replace 1999 Knuckle boom truck L5 ii. Multiple shop repairs that will delay leaf/limb service deliver 	Yes	No
Flatbed Dump truck	<ul style="list-style-type: none"> i. Replace current flatbed dump ii. Multiple shop repairs 	Yes	No
Module office	<ul style="list-style-type: none"> i. Office space to house possible engineer and stormwater staff ii. Improve response time and cost effectiveness by having an in house Stormwater engineer iii. The total cost of this is \$75000 with 25% allocated under public works and 75% allocated to stormwater. 	No	Yes
Road Construction	<ul style="list-style-type: none"> i. Springfield Farm Road Resurfacing ii. Considered construction due to milling of the road iii. Maintain maintenance schedule of streets 	Yes	No
Snow plow	Snow plow for dump truck	Yes	No
Land Purchase	Land for Village Center	No	No
ROW Harper and Peacehaven	Maximum Participation Cost from DOT	Yes	No
Bike Stripping	Springfield Farms Road <ul style="list-style-type: none"> i. Implement recommended in Transportation Plan ii. Springfield Farms Road to be paved 	Yes New	Yes
Greenway	Village Point Lake <ul style="list-style-type: none"> i. To coincide with lake construction ii. Grant for 80% 	Yes New	Yes
Sidewalk & Crosswalk Hwy 158	Continuation of contract with NC DOT	Yes	Yes

Capital Improvement Plan Summary

	<i>Appropriated</i>				<i>Nonappropriated</i>					
	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18	FY18-19	FY 19-20	FY 20-21
GENERAL FUND CIP BY DEPARTMENT										
Administration	16,971	11,171	11,171	13,000	-	6,000	-	-	14,000	-
Public works	241,150	86,520	52,340	16,000	-	152,000	31,800	-	-	93,000
Planning	1,560,160	5,808,750	300,000	38,000	-	-	317,000	100,000	400,000	-
subtotal	\$ 1,818,281	\$ 5,906,441	\$ 363,511	\$ 67,000	\$ -	\$ 158,000	\$ 348,800	\$ 100,000	\$ 414,000	\$ 93,000
Powell Bill										
Powell Bill	212,000	120,000	20,000	-	-	14,520	-	-	-	-
subtotal	2,030,281	6,026,441	383,511	67,000	-	172,520	348,800	100,000	414,000	93,000
Major Repairs/Renovation										
Administration	-	9,500	-	18,000	100,000	-	-	-	-	-
Public works	7,500	-	4,000	-	-	-	-	-	-	-
Total Repairs/Renovation	7,500	9,500	4,000	18,000	100,000	-	-	-	-	-
Total CIP	\$ 2,037,781	\$ 6,035,941	\$ 387,511	\$ 85,000	\$ 100,000	\$ 172,520	\$ 348,800	\$ 100,000	\$ 414,000	\$ 93,000

GENERAL FUND CIP BY FUNDING SOURCES										
Operating Revenues	-	-	-	38,064	-	114,176	-	100,000	141,177	85,032
Assigned Fund Balance	513,500	-	-	-	-	-	-	-	-	-
Fund Balance	648,631	110,941	367,511	46,936	100,000	43,824	-	-	72,823	7,968
Grants	663,650	5,000	-	-	-	-	317,000	-	-	-
GO Bond Cost	-	(200,000)	-	-	-	-	-	-	-	-
GO Bond	-	6,000,000	-	-	-	-	-	-	-	-
Subtotal	1,825,781	5,915,941	367,511	85,000	100,000	158,000	317,000	100,000	214,000	93,000
Current Powell Bill Revenue	212,000	120,000	20,000	-	-	14,520	-	-	200,000	-
Total Funding Sources	2,037,781	6,035,941	387,511	85,000	100,000	172,520	317,000	100,000	414,000	93,000

General Fund Operating	1,220	6,520	9,044	9,069	14,095	14,121	14,147	14,174	14,201	14,229
General Fund Debt Service	-	-	660,000	642,000	624,000	606,000	588,000	570,000	552,000	534,000
Total operating budget	1,220	6,520	669,044	651,069	638,095	620,121	602,147	584,174	566,201	548,229

CIP related operating cost										
tax rate	\$0.0001	\$0.0003	\$0.0004	\$0.0004	\$0.0007	\$0.0007	\$0.0006	\$0.0006	\$0.0006	\$0.0006
Debt Service Tax Rate	\$0.0000	\$0.0000	\$0.0315	\$0.0304	\$0.0292	\$0.0281	\$0.0262	\$0.0252	\$0.0241	\$0.0231

Stormwater Capital Improvement Plan Summary

	<i>Appropriated</i>				<i>Nonappropriated</i>					
	FY11-12	FY12-13	FY13-14	FY14-15	FY15-16	FY16-17	FY17-18	FY18-19	FY 19-20	FY 20-21
<i>STORMWATER CIP SUMMARY</i>										
Stormwater CIP	448,350	506,268	349,117	10,000	10,000	1,180,383	281,285	346,875	420,272	447,699
<i>STORMWATER CIP BY FUNDING SOURCE</i>										
Stormwater Fee	241,390	333,994	349,117	10,000	10,000	512,705	281,285	346,875	420,272	447,699
Assigned Fund Balance	206,960	172,274	-	-	-	667,678	-	-	-	-
Total CIP funding Sources	448,350	506,268	349,117	10,000	10,000	1,180,383	281,285	346,875	420,272	447,699
Operating Cost	2,800	2,856	2,913	2,971	3,031	3,091	3,153	3,216	3,281	3,346
Debt service	37,130	-	-	-	-	-	-	-	-	-

Capital Improvement Plan Detail

ADMINISTRATION

REQUEST	Prior	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
		Appropriated	Nonappropriated								
ADMINISTRATIVE CIP											
Telephone system(capital lease)		11,171	11,171	11,171	-	-	-	-	-	-	-
Copier replacement		-	-	-	13,000	-	-	-	-	14,000	-
Server replacement		5,800	-	-	-	-	6,000	-	-	-	-
Administrative CIP		\$ 16,971	\$ 11,171	\$ 11,171	\$ 13,000	\$ -	\$ 6,000	\$ -	\$ -	\$ 14,000	\$ -
Major remodeling or renovation											
Window Replacement		-	9,500	-	-	-	-	-	-	-	-
Repaving parking lot		-	-	-	18,000	-	-	-	-	-	-
Remodeling Town Hall or addition		-	-	-	-	100,000	-	-	-	-	-
Total remodeling or renovation		-	9,500	-	18,000	100,000	-	-	-	-	-
Total Administrative CIP		\$ 16,971	\$ 20,671	\$ 11,171	\$ 31,000	\$ 100,000	\$ 6,000	\$ -	\$ -	\$ 14,000	\$ -
Administrative CIP funded by operating revenues or fund balance											
		\$ 16,971	\$ 20,671	\$ 11,171	\$ 31,000	\$ 100,000	\$ 6,000	\$ -	\$ -	\$ 14,000	\$ -
OPERATING BUDGET											
Telephone warranty/software update		-	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800
Total operating budget		-	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800

PUBLIC WORKS CIP

REQUEST	Prior	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Replacement											
Leaf Machine LV 30	-	71,350	-	-	-	-	-	-	-	-	-
Flat Bed Dump Truck FBD 8	-	70,000	-	-	-	-	-	-	-	-	-
Knuckle boom Truck L-5	-	69,000	-	-	-	-	-	-	-	-	-
Radio replacement new frequency (8)	-	5,800	-	-	-	-	-	-	-	-	-
Pickup Truck PT6	-	-	32,000	-	-	-	-	-	-	-	-
Truck PT 4	-	-	39,520	-	-	-	-	-	-	-	-
Mower (tractor & other)	-	-	15,000	2,000	-	-	-	-	-	-	-
Truck PT 5	-	-	-	28,340	-	-	-	-	-	-	-
Fence	-	-	-	16,000	16,000	-	-	-	-	-	-
Leaf Machine LV 32	-	-	-	-	-	-	76,000	-	-	-	-
Knuckle boom Truck L-6	-	-	-	-	-	-	76,000	-	-	-	-
Truck PT2	-	-	-	-	-	-	-	31,800	-	-	-
Pickup Truck PT3	-	-	-	-	-	-	-	-	-	-	-
Dump Truck DT 1	-	-	-	-	-	-	-	-	-	-	93,000
New											
Module office 1/3	-	25,000	-	-	-	-	-	-	-	-	-
Greenhouse	-	-	-	6,000	-	-	-	-	-	-	-
subtotal		241,150	86,520	52,340	16,000	-	152,000	31,800	-	-	93,000
Major remodeling, renovation & repairs											
Heating & AC unit	-	7,500	-	-	-	-	-	-	-	-	-
Carpet & paint	-	-	-	4,000	-	-	-	-	-	-	-
Total remodeling, renovation & repairs	-	7,500	-	4,000	-	-	-	-	-	-	-
Total Public Works CIP	-	248,650	86,520	56,340	16,000	-	152,000	31,800	-	-	93,000
PUBLIC WORKS CIP NONRECURRING FUNDING SOURCES											
NC Forestry	-	-	-	4,800	-	-	-	-	-	-	-
In-Kind match	-	-	-	1,200	-	-	-	-	-	-	-
subtotal		-	-	6,000	-	-	-	-	-	-	-
OPERATING REVENUES OR FUND BALANCE											
TOTAL FUNDING SOURCES	-	\$ 248,650	\$ 86,520	\$ 50,340	\$ 16,000	\$ -	\$ 152,000	\$ 31,800	\$ -	\$ -	\$ 93,000
POWELL BILL CIP											
Snow Plow Dump Tk	-	12,000	-	-	-	-	14,520	-	-	-	-
Road Construction Springfield Farm Road	-	200,000	-	-	-	-	-	-	-	-	-
Paving Machine	-	-	85,000	-	-	-	-	-	-	-	-
Small Paving Roller	-	-	20,000	-	-	-	-	-	-	-	-
Mower (Tractor & Other)	-	-	15,000	20,000	-	-	-	-	-	-	-
Total powell bill CIP	-	212,000	120,000	20,000	-	-	14,520	-	-	-	-
POWELL BILL CIP BY FUNDING SOURCES											
Powell Bill (current revenues)		212,000	120,000	20,000	-	-	14,520	-	-	-	-
Total Powell Bill Funding Sources		212,000	120,000	20,000	-	-	14,520	-	-	-	-
OPERATING BUDGET											
Utilities, telephone		1,220	1,220	1,244	1,269	1,295	1,321	1,347	1,374	1,401	1,429
Total operating budget		\$ 1,220	\$ 1,220	\$ 1,244	\$ 1,269	\$ 1,295	\$ 1,321	\$ 1,347	\$ 1,374	\$ 1,401	\$ 1,429

REQUEST	Prior	PLANNING CIP									
		FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Comprehensive Plan											
Land Purchase	-	513,500	-	-	-	-	-	-	-	-	-
Transportation Plan											
Bike Stripping											
Springfield Farms	-	17,100	-	-	-	-	-	-	-	-	-
Glenn Garriff	-	-	-	-	38,000	-	-	-	-	-	-
Greenways											
Village Point Greenways	100,000	750,000	-	-	-	-	-	-	-	-	-
Pier	8,750	-	8,750	-	-	-	-	-	-	-	-
Yadkin Valley Greenway (net estimated)	-	-	-	300,000	-	-	-	-	-	-	-
Feasibility Studies											
Improvement 158 Lasater to Clinard	-	-	-	-	-	-	-	-	100,000	-	-
Roadway Projects											
ROW Harper and Peacehaven RAB	-	200,000	-	-	-	-	-	-	-	-	-
Lewisville-Clemmons Road Connectivity	-	-	5,800,000	-	-	-	-	-	-	-	-
Sidewalks											
Sidewalk & crosswalk Hwy 158	8,840	79,560	-	-	-	-	-	-	-	-	-
Springfield Farms	-	-	-	-	-	-	-	317,000	-	-	-
Peacehaven to YMCA	-	-	-	-	-	-	-	-	-	400,000	-
Total Planning CIP	\$ 117,590	\$ 1,560,160	\$ 5,808,750	\$ 300,000	\$ 38,000	\$ -	\$ -	\$ 317,000	\$ 100,000	\$ 400,000	\$ -
PLANNING CIP NON RECURRING FUNDING SOURCES											
Restricted Fund Balance	-	513,500	-	-	-	-	-	-	-	-	-
Grant-Village Point Greenways	80,000	600,000	-	-	-	-	-	-	-	-	-
In-kind match NC Wildlife	3,750	-	3,750	-	-	-	-	-	-	-	-
NC Wildlike	5,000	-	5,000	-	-	-	-	-	-	-	-
NC DOT Grant	7,072	63,650	-	-	-	-	-	-	-	-	-
SRTS Grant	-	-	-	-	-	-	-	317,000	-	-	-
GO Bond	-	-	6,000,000	-	-	-	-	-	-	-	-
subtotal	\$ 95,822	\$ 1,177,150	\$ 6,008,750	\$ -	\$ -	\$ -	\$ -	\$ 317,000	\$ -	\$ -	\$ -
Net Planning CIP to be funded by operating revenues or fund balance											
TOTAL	\$ 21,768	\$ 383,010	\$ (200,000)	\$ 300,000	\$ 38,000	\$ -	\$ -	\$ -	\$ 100,000	\$ 400,000	\$ -
TOTAL	\$ 117,590	\$ 1,560,160	\$ 5,808,750	\$ 300,000	\$ 38,000	\$ -	\$ -	\$ 317,000	\$ 100,000	\$ 400,000	\$ -
NET COSTS OF PROJECTS FUNDED BY GRANTS											
Village Point Greenways	20,000	150,000	-	-	-	-	-	-	-	-	-
Pier	3,750	-	3,750	-	-	-	-	-	-	-	-
Hwy 158 sidewalk crosswalk	1,768	15,912	-	-	-	-	-	-	-	-	-
Springfield Farms Sidewalk	-	-	-	-	-	-	-	-	-	-	-
Operating and debt service											
Salary and Fringe (mowing)	-	2,500	5,000	5,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Mower	-	-	-	-	-	-	-	-	-	-	-
Debt Service	-	-	-	494,000	482,300	470,600	458,900	458,900	447,200	435,500	423,800
Total operating expenditures	\$ -	\$ 2,500	\$ 5,000	\$ 499,000	\$ 492,300	\$ 480,600	\$ 468,900	\$ 468,900	\$ 457,200	\$ 445,500	\$ 433,800

Capital Improvement Plan Stormwater

STORMWATER CAPITAL IMPROVEMENT PLAN

REQUEST	Appropriate					Nonappropriated				
	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Knuckleboom Truck	71,350	-	-	-	-	76,000	-	-	-	-
Leaf Machine 1/2	69,000	-	-	-	-	76,000	-	-	-	-
Module offices	50,000	-	-	-	-	-	-	-	-	-
Truck	38,000	-	-	-	-	-	-	-	-	-
GPS	-	-	-	-	-	-	-	9,500	-	-
SW1 Explorer	-	-	36,000	-	-	-	-	-	-	-
Subtotal	\$ 228,350	\$ -	\$ 36,000	\$ -	\$ -	\$ 152,000	\$ -	\$ 9,500	\$ -	\$ -
Rank Stormwater improvements CIP										
Glen Oaks	\$ 210,000									
1 Greendale Way	-	496,268	-	-	-	-	-	-	-	-
2 Brookland	-	-	303,117	-	-	-	-	-	-	-
3 Spring Path	-	-	-	-	-	1,018,383	-	-	-	-
4 Knob Hill	-	-	-	-	-	-	271,285	-	-	-
5 Boyer	-	-	-	-	-	-	-	327,375	-	-
6 Haper Valley	-	-	-	-	-	-	-	-	410,272	-
7 Tanglebrook	-	-	-	-	-	-	-	-	-	437,699
8 Doublegate	-	-	-	-	-	-	-	-	-	-
9 Haywood	-	-	-	-	-	-	-	-	-	-
10 Tanglebrook #3	-	-	-	-	-	-	-	-	-	-
11 Quinn	-	-	-	-	-	-	-	-	-	-
12 Mendelssohn	-	-	-	-	-	-	-	-	-	-
13 Greenbrook	-	-	-	-	-	-	-	-	-	-
14 SpringValley	-	-	-	-	-	-	-	-	-	-
15 Gardenspring	-	-	-	-	-	-	-	-	-	-
16 Tanglebrook #2	-	-	-	-	-	-	-	-	-	-
17 Springside	-	-	-	-	-	-	-	-	-	-
18 Parkdale	-	-	-	-	-	-	-	-	-	-
19 Lakefield Ct	-	-	-	-	-	-	-	-	-	-
Preliminary Engineering	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Stormwater improvements CIP	\$ 220,000	\$ 506,268	\$ 313,117	\$ 10,000	\$ 10,000	\$ 1,028,383	\$ 281,285	\$ 337,375	\$ 420,272	\$ 447,699
Total CIP	\$ 448,350	\$ 506,268	\$ 349,117	\$ 10,000	\$ 10,000	\$ 1,180,383	\$ 281,285	\$ 346,875	\$ 420,272	\$ 447,699
<i>Please note that the Stormwater Committee reviews the CIP on an annual basis and projects may be added or deleted or ranking changed.</i>										
CIP BY FUNDING SOURCES										
Current Stormwater Fee	235,722	328,465	317,285	313,117	-	162,000	459,848	346,875	414,554	\$ 391,225
Committed Fund Balance	158,030	10,000	-	-	-	-	558,538	-	5,718	\$ 56,474
Total CIP Funding	\$ 393,752	\$ 338,465	\$ 317,285	\$ 313,117	\$ -	\$ 162,000	\$ 1,018,386	\$ 346,875	\$ 420,272	\$ 447,699
Debt Service	37,130	-	-	-	-	-	-	-	-	-
Operating Costs										
Maintenance-SW CIP	2,800	2,856	2,913	2,971	3,031	3,091	3,153	3,216	3,281	3,346
Total Debt Service & operating	39,930	2,856	2,913	2,971	3,031	3,091	3,153	3,216	3,281	3,346
Stormwater fee										
Rate per ERU Month/Annual	5.00/60	5.50/66	6.00/72	6.50/78	6.80/81.60	6.80/81.60	6.80/81.60	6.80/81.60	6.80/81.60	6.80/81.60

Ten Year Projections
General Fund
Stormwater

GENERAL FUND PROJECTIONS	Est. 10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
Assessed Value	\$ 2,012,100,000	\$ 2,030,919,000	\$ 2,041,073,595	\$ 2,092,100,435	\$ 2,113,021,439	\$ 2,134,151,654	\$ 2,155,493,170	\$ 2,241,712,897	\$ 2,264,130,026	\$ 2,286,771,326	\$ 2,309,639,039
Collection Rate	98.42%	98.42%	98.61%	98.61%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%
Tax Rate	0.1150	0.1150	0.1150	0.1150	0.1300	0.1300	0.1350	0.1400	0.1400	0.1400	0.1400
Tax Rate Debt Service	0.0000	0.0000	0.0000	0.0315	0.0304	0.0292	0.0281	0.0262	0.0252	0.0241	0.0231
Total Tax Rate	0.1150	0.1150	0.1150	0.1465	0.1604	0.1592	0.1631	0.1662	0.1652	0.1641	0.1631
One cent	\$ 201,210	\$ 203,092	\$ 204,107	\$ 209,210	\$ 211,302	\$ 213,415	\$ 215,549	\$ 224,171	\$ 226,413	\$ 228,677	\$ 230,964
Recurring Revenues											
Ad Valorem Taxes ₁	\$ 2,265,398	\$ 2,319,600	\$ 2,314,608	\$ 3,022,325	\$ 3,348,615	\$ 3,356,799	\$ 3,473,422	\$ 3,681,018	\$ 3,695,459	\$ 3,707,561	\$ 3,721,817
Other Taxes & Licenses	1,944	1,600	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Intergovernmental Revenues	1,806,667	1,798,400	1,816,384	1,834,548	1,862,066	1,899,307	1,937,294	1,976,039	2,015,560	2,055,871	2,096,989
Restricted intergovernmental	108,069	77,000	77,770	78,548	79,333	80,920	82,538	84,189	85,873	87,590	89,342
Permits & fees	11,305	10,000	10,100	10,201	10,303	20,000	25,000	25,000	25,000	25,000	25,000
Investment earnings	23,274	25,000	30,000	40,525	50,000	100,000	150,000	151,500	153,015	154,545	156,091
Transfer from stormwater	41,000	41,000	41,000	41,000	41,000	12,221	-	-	-	-	-
Subtotal	4,257,657	4,272,600	4,292,362	5,029,646	5,393,817	5,471,747	5,670,754	5,920,247	5,977,407	6,033,067	6,091,738
Nonrecurring revenues operating											
Restricted intergovernmental-grant	-	70,000	-	-	-	-	-	-	-	-	-
Total Revenues	\$ 4,257,657	\$ 4,342,600	\$ 4,292,362	\$ 5,029,646	\$ 5,393,817	\$ 5,471,747	\$ 5,670,754	\$ 5,920,247	\$ 5,977,407	\$ 6,033,067	\$ 6,091,738
Expenditures											
Governing Board	\$ 62,579	\$ 69,350	\$ 70,737	\$ 72,152	\$ 73,595	\$ 75,067	\$ 76,568	\$ 78,099	\$ 79,661	\$ 81,255	\$ 82,880
Administration	627,365	825,630	668,271	684,978	710,677	736,891	763,628	790,901	818,719	847,093	876,035
Public Safety	910,875	934,800	962,844	991,729	1,016,523	1,041,936	1,067,984	1,094,684	1,122,051	1,150,102	1,178,855
Public Works	1,997,672	2,234,050	2,289,901	2,347,149	2,405,828	2,465,973	2,527,623	2,590,813	2,655,583	2,721,973	2,790,022
Planning & Zoning	302,776	294,290	331,647	464,938	421,562	482,101	424,153	434,757	445,626	456,767	468,186
Cultural Economic	44,500	76,500	76,500	76,500	76,500	76,500	76,500	76,500	76,500	76,500	62,500
Transfers to Capital Projects	430,000	20,000	-	-	-	-	-	-	-	-	-
Operating expenditures CIP	-	-	6,520	9,044	9,069	14,095	14,121	14,147	14,174	14,201	14,229
Debt Service	-	-	-	660,000	642,000	624,000	606,000	588,000	570,000	552,000	534,000
Total operating expenditures	4,375,767	4,454,620	4,406,420	5,306,490	5,355,753	5,516,562	5,556,577	5,667,901	5,782,315	5,885,891	6,006,707
Revenues over (under) operating expenditures	(118,110)	(112,020)	(114,058)	(276,844)	38,064	(44,815)	114,176	252,345	195,092	147,177	85,032
Non recurring Revenues											
Restricted intergovernmental -Grants	87,072	663,650	5,000	109,800	-	-	-	317,000	-	-	-
Financing(related expenditures)	-	-	6,000,000	-	-	-	-	-	-	-	-
Non recurring Revenues	87,072	663,650	6,005,000	109,800	-	-	-	317,000	-	-	-
Capital Improvement Plan											
CIP Administration	10,396	16,971	11,171	11,171	13,000	-	6,000	-	-	14,000	-
CIP Public works	118,642	241,150	86,520	56,340	16,000	-	152,000	31,800	-	-	93,000
CIP Planning	-	-	-	-	-	-	-	-	-	-	-
CIP Transportation	-	-	-	-	-	-	-	-	-	-	-
& Comprehensive Plan	117,590	1,560,160	5,808,750	300,000	38,000	-	-	317,000	100,000	400,000	-
CIP Major Repairs and Renovation	-	7,500	9,500	4,000	18,000	100,000	-	-	-	-	-
Total capital expenditures	\$ 246,628	\$ 1,825,781	\$ 5,915,941	\$ 371,511	\$ 85,000	\$ 100,000	\$ 158,000	\$ 348,800	\$ 100,000	\$ 414,000	\$ 93,000
Revenues over (under) expenditures	\$ (277,666)	\$ (1,274,151)	\$ (24,999)	\$ (538,555)	\$ (46,936)	\$ (144,815)	\$ (43,824)	\$ 220,545	\$ 95,092	\$ (266,823)	\$ (7,968)
Designated Fund Balance		\$ 513,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beginning unassigned fund plus designated for subsequent years	\$ 3,645,541	\$ 3,367,875	\$ 2,607,224	\$ 2,582,225	\$ 2,043,670	\$ 1,996,735	\$ 1,851,919	\$ 1,808,096	\$ 2,028,641	\$ 2,123,733	\$ 1,856,910
Estimated ending unassigned fund balance	\$ 3,367,875	\$ 2,607,224	\$ 2,582,225	\$ 2,043,670	\$ 1,996,735	\$ 1,851,919	\$ 1,808,096	\$ 2,028,641	\$ 2,123,733	\$ 1,856,910	\$ 1,848,941
Streets-Gasoline Tax (Powell Bill)	483,232	483,000	487,830	492,708	497,635	502,612	507,638	512,714	517,841	523,020	528,250
Streets-Gasoline Tax(Powell Bill)	273,621	271,000	376,240	383,765	391,440	399,269	407,254	415,399	423,707	432,181	440,825
Capital Outlay- Streets (Powell Bill)	83,661	212,000	120,000	20,000	-	-	14,520	-	-	-	-
Total expenditures powell bill	357,282	483,000	496,240	403,765	391,440	399,269	421,774	415,399	423,707	432,181	440,825
Powell bill revenue over (under) expenditures	125,950	-	(8,410)	88,944	106,195	103,343	85,864	97,315	94,134	90,838	87,425

Assumptions 10 year projection

Property taxes

- Assessed value from Forsyth County Tax Collection for FY 11-12
- FY 13-14 revaluation year 2.5 % increase
- FY 17-18 revaluation year 4% increase
- All other Fiscal year 1% increase

Intergovernmental Revenues

- FY 11-12 to FY 13-14, 1% increase
- FY 14-15, 1.5% increase
- FY 15-16 to FY 20-21, 2% increase
- No reductions due to State budget process
 - Possible percentage reduction of intergovernmental revenues
 - Possible distribution formula changes resulting in reduction of intergovernmental revenues
 - Possible revolving refund for sales tax paid which would increase expenditures
 - Staff expects the state to effect the intergovernmental revenues to some extent in FY 11-12, however what and to what amount is unknown at this time

Expenditures

- Administration 2.5%
- Public Safety 3% increase
- Public Works 2.5% increase with \$95,000 fuel increase due to estimated gas prices to \$5.00
- Planning 2.5 % increase with increases or decreases for consultants for non capital comprehensive plan recommendation
- General obligation bond cost in FY 11-12.
- Bond Proceeds FY 12-13 GO Bond \$6,000,000
 - Debt service computed with interest rate of 6%
- Planning
 - Additional planner is not included in estimated actual, however included in FY 11-12 to FY 20-21.
 - Position already approved, not filled
- No additional personnel is included
- Greenways and bike stripping is included

Unassigned Fund Balance

To keep unassigned fund balance around \$2,000,000

To ensure money for emergency and for opportunities

Considerations:

Tax rate

Additional personnel

Service changes (charges, etc)

STORMWATER PROJECTIONS	Est. 10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21
ERU	144,084	144,660	145,239	145,820	146,403	146,989	147,577	148,167	148,760	149,355	149,952
	98.60%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%	98.80%
Stormwater Fee	4.50	5.00	5.50	6.00	6.50	6.80	6.80	6.80	6.80	6.80	6.80

Recurring Revenues

Stormwater Fee	\$ 639,301	\$ 714,900	\$ 789,229	\$ 864,421	\$ 940,201	\$ 987,530	\$ 991,480	\$ 995,446	\$ 999,428	\$ 1,003,425	\$ 1,007,439
Stormwater Permit	1,500	1,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Interest	3,500	3,000	4,000	4,500	5,500	6,600	6,600	6,600	6,600	6,600	6,600
TOTAL REVENUES	644,301	719,400	795,729	871,421	948,201	996,630	1,000,580	1,004,546	1,008,528	1,012,525	1,016,539

Expenditures

Salaries & benefits	\$ 199,583	\$ 228,430	\$ 232,999	\$ 237,659	\$ 242,412	\$ 247,260	\$ 252,205	\$ 257,249	\$ 262,394	\$ 267,642	\$ 272,995
Operating expenditures	142,059	171,450	187,736	192,430	208,278	224,444	240,933	257,751	274,906	292,404	310,253
Transfers	41,000	41,000	41,000	41,000	41,000	12,221	-	-	-	-	-
Debt Service	37,122	37,130	-	-	-	-	-	-	-	-	-
Total operating expenditures	419,764	478,010	461,735	471,088	491,690	483,925	493,138	515,001	537,301	560,047	583,248
Revenues over (under) operating expenditures	224,537	241,390	333,994	400,332	456,511	512,705	507,442	489,545	471,227	452,479	433,291

Capital Improvement Plan

CIP equipment	15,000	228,350	-	36,000	-	-	152,000	-	9,500	-	-
CIP Drainage	93,678	220,000	506,268	313,117	10,000	10,000	1,018,383	281,285	337,375	420,272	447,699
Total capital expenditures	\$ 108,678	\$ 448,350	\$ 506,268	\$ 349,117	\$ 10,000	\$ 10,000	\$ 1,170,383	\$ 281,285	\$ 346,875	\$ 420,272	\$ 447,699

Revenues over (under) expenditures	\$ 115,859	\$ (206,960)	\$ (172,274)	\$ 51,215	\$ 446,511	\$ 502,705	\$ (662,941)	\$ 208,260	\$ 124,352	\$ 32,207	\$ (14,408)
Beginning Unassigned Fund Balance	\$ 448,460	\$ 564,319	\$ 357,359	\$ 185,084	\$ 236,300	\$ 682,811	\$ 1,185,516	\$ 522,575	\$ 730,835	\$ 855,187	\$ 887,394
Estimated ending unassigned fund balance	\$ 564,319	\$ 357,359	\$ 185,084	\$ 236,300	\$ 682,811	\$ 1,185,516	\$ 522,575	\$ 730,835	\$ 855,187	\$ 887,394	\$ 872,986

There will usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected.