



FY2010-2014 Capital Investment Plan

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A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHARLOTTE AMENDING
THE FIVE-YEAR CAPITAL INVESTMENT PLAN FOR FISCAL YEARS 2010 TO 2014.

WHEREAS, the City of Charlotte recognizes the importance of developing long- range capital investment planning to maintain the growth and vitality of the community; and

WHEREAS, the City of Charlotte continuously develops and reviews the policy, financial and planning assumptions and impacts of capital investment projects for the City; and

WHEREAS, the City of Charlotte has a five-year Capital Investment Plan based on policy assumptions, so stated in the FY2010-2014 Capital Investment Plan that balances potential physical development with long-range financial capacity; and

WHEREAS, The Capital Investment Plan is amended from time to time to reflect changes in capital planning of the community,

NOW THEREFORE BE IT RESOLVED, by the City Council of the City of Charlotte, in its regular session duly assembled, that it hereby adopt the Capital Investment Plan for fiscal years 2010 to 2014.

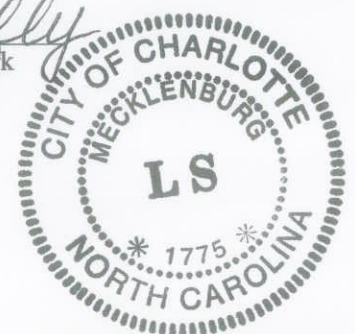
This 8th day of June 2009

CERTIFICATION

I, Stephanie C. Kelly, City Clerk of the City of Charlotte, North Carolina, DO HEREBY CERTIFY that the foregoing is a true and exact copy of a Resolution adopted by the City Council of the city of Charlotte, North Carolina, in regular session convened on the 8th day June, 2009, the reference having been made in Minute Book 128, and recorded in full in Resolution Book 41, Page 995.

WITNESS my hand and the corporate seal of the City of Charlotte, North Carolina, this the 10th day of June, 2009.


Stephanie C. Kelly, CMC, City Clerk



**INDEX OF ACRONYMS USED IN THE
FY2010-FY2014 CAPITAL INVESTMENT PLAN**

<u>Acronym</u>	<u>Definition</u>
ADA	Americans with Disabilities Act
CATS	Charlotte Area Transit System
CIP	Capital Investment Plan
CDBG	Community Development Block Grant
CMDC	Charlotte-Mecklenburg Development Corporation
DOT	Department of Transportation
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
FBO	Fixed Based Operator
FAA	Federal Aviation Administration
FTA	Federal Transit Administration
FY	Fiscal Year
GO	General Obligation (bonds)
HOME	Home Ownership Made Easy (Fed. Housing grant)
HVAC	Heating Ventilation and Air Condition
ILS	Instrument Landing System
LS	Lift Station
MGD	Million of Gallons per Day
MPO	Metropolitan Planning Organization
MTC	Metropolitan Transit Commission
NCDOT	North Carolina Department of Transportation
OSHA	Occupational Safety and Health Act
PS	Pump Station
ROW	Right-of-Way
STS	Special Transportation Service
TBA	To Be Authorized
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant

Summary Tab

FY2010-2014 Capital Investment Plan

The City of Charlotte recognizes the importance of long-range capital investment planning to maintain the growth and vitality of the community. The City's Capital Investment Plan (CIP) is a five-year infrastructure plan, which matches the City's highest priority capital needs with a financing schedule. The plan includes investments in neighborhoods, housing, storm water projects, roads, transit, water and sewer projects, the airport, and government facilities.

The CIP is developed concurrently with the operating budget. Following City Council's annual retreat to establish priorities, Key Businesses and other agencies identify funding needs in support of Council's goals. Revenue projections are finalized for future years and capital needs are matched with resources based on Council Focus Areas and priorities.

At Council's February 2009 Retreat, additional debt capacity totaling \$50 million was identified. This capacity (equal to ½ cent of the property tax rate dedicated to debt service) was proposed for transfer to the General Fund. In addition, 0.1¢ dedicated to the Pay-As-You-Go Fund was also proposed for transfer to the General Fund.

HIGHLIGHTS OF THE FY10-14 CIP

The five-year FY2010-2014 CIP totals \$2,859,274,896, a 15.0% decrease from the FY2009-2013 CIP. The decrease totals \$503.7 million and is due to decreases in CATS (\$367.2 million), Aviation (\$132.6 million), and Roads (\$117.1 million). These decreases are partially offset by an increase in Water and Sewer of \$145.4 million.

CITY COUNCIL CHANGES TO THE PRELIMINARY CIP

- Added \$75,459 for Charlotte Mecklenburg Schools After Schools Enrichment, six other after school programs, A Way Home, and Lakewood Community Development Corporation — included in Innovative Housing capital project.
- Revised the fee storm water fee methodology from recommended Four Tier, 2% increase to Two Tier, 5% increase, resulting in a \$720,000 reduction in revenues from the Pay-As-You-Go contribution to the storm water capital program.

General Government

This program includes funding for neighborhoods, housing, roads, economic development, environment, and municipal facilities capital projects.

General Government capital projects are funded through a variety of sources:

- Debt capacity: 6.87¢ of the property tax rate, with 0.5¢ transferred to the General Fund
- Pay-As-You-Go: 1.41¢ of the property tax rate, with 0.1¢ transferred to the General Fund
- Capital Reserve: funding above 16% in the General Fund's unrestricted fund balance (In FY10 funding of \$16.0 million is reserved for possible state actions and one-time capital equipment purchases)
- Capital Fund balances
- One-time (non-recurring) revenues
- Interest earnings
- Asset Management property sales
- Grant funding

The General Government program totals \$496.3 million. Funding highlights of the program are as follows:

Housing and Neighborhoods

- \$74.5 million for housing programs
- \$59.6 million for neighborhood improvements
- \$22.5 million for sidewalks
- \$15.5 million for affordable housing
- \$10.0 million for area plan improvements

FY2010-2014 Capital Investment Plan

Transportation

- \$44.6 million for farm-to-market roads
- \$22.3 million for Statesville Road widening (Starita to Keith)
- \$15.0 million for Brevard and Stonewall Streets improvements
- \$13.0 million for Beatties Ford Road widening (Capps Hill Mine to Sunset)
- \$8.0 million for Idlewild Road widening (Piney Grove to Margaret Wallace)
- \$5.5 million for Brevard and Eighth Street improvements

Economic Development

- \$10.5 million reserved for economic development initiatives
- \$10.0 million for business corridor revitalization strategy
- \$9.5 million for redevelopment of North Tryon Street
- \$8.0 million for streetcar planning and design

Environment

- \$5.1 million for environmental services and tree canopy protection

Facility Investments

- \$23.7 million for building and roof maintenance
- \$10.0 million for consolidated fire headquarters
- \$10.0 million for technology investments
- \$7.0 million for Eastland fire station (\$925,000 appropriated on May 26, 2009 for land)
- \$6.0 million for Providence police station

Storm Water

This program funds repairs to private properties with flooding problems and improvements in the public right-of-way drainage system. The program totals \$190.6 million and is fully financed through storm water fees. Major projects include:

- \$62.9 million for flood control projects in neighborhood water basins
- \$58.0 million for storm water repairs
- \$10.3 million for pollution control projects
- \$10.0 million for minor storm water projects

Charlotte Area Transit System (CATS)

This program includes funding for maintenance and expansion of the existing bus, special transportation, circulator, community, and regional transportation systems. The program also includes planning, design, and construction of rapid transit. The program totals \$285.5 million and is fully financed through the half-cent sales tax and federal and state capital grants.

Major projects include:

- \$161.9 million for the future corridor planning and construction
- \$53.2 million for bus and STS vehicle replacements
- \$14.2 million for a multimodal station
- \$12.7 million for preventative maintenance

Water and Sewer

This program includes funding for maintenance and expansion of the existing system of water and sewer mains and water and sewer treatment plants. The program totals \$1.1 billion and is fully financed from water and sewer fees.

Major projects include:

- \$187.0 million for Long Creek wastewater treatment plant
- \$115.3 million for Sugar Creek wastewater treatment plant expansion
- \$107.8 million for water and sewer line rehabilitation
- \$60.0 million for water and sewer annexation projects
- \$56.1 million for northeast water transmission main

Aviation

This program includes funding for maintenance and expansions to the airfield, terminal, cargo, and parking areas. The program totals \$770.1 million and is fully funded from airline, cargo, and general aviation revenues, commercial leases, and federal grants.

Major projects include:

- \$250.0 million for terminal lobby expansion
- \$74.5 million for rental car facility relocation
- \$48.0 million for airport entrance road connection
- \$43.8 million for third parallel runway (remaining appropriations)

FY2010-2014 Capital Investment Plan

CAPITAL INVESTMENT PLAN: STRATEGIES AND POLICIES

This section includes an overview of the process used in development of the CIP program and policies.

Collaborative Capital Planning

The FY2010-2014 Capital Investment Plan was developed within the context of the City's Corporate Scorecard objectives of:

- Neighborhoods
- Provide transportation choices
- Safeguard the environment
- Strengthen and promote economic opportunity
- Develop collaborative solutions
- Invest in infrastructure
- Maintain the AAA credit rating

The process focused on collaborative CIP planning, resulting in enhanced strategic direction and interaction among Key Business staff (CIP Staff Review Team), Key Business Executives, and the City Manager's Office.

Initial planning for the CIP began in the fall 2008 with a review of the Capital Investment Plan process. In December 2008 Council was presented a report entitled "Budget Update and Capital Investment Plan Options" in response to economic conditions. During January and February the Mid-Year CIP Status Report was completed and presented to City Council at their Annual Retreat. Also during January, Key Businesses completed and submitted CIP requests for the FY2010-2014 CIP. Between February and April 8, 2009, several internal collaborative meetings were held to develop capital program recommendations.

Process Components

1. The CIP process is an instrument for maximizing strategic leverage in achieving City Council's priorities as identified at their Annual Retreat and included in Council's focus area plans and priorities.
2. The CIP Staff Review Team, composed of representatives from selected Key Businesses, continues to be involved in capital program development and identification and implementation of collaborative citywide opportunities. This process provides a formal mechanism through which Key Businesses share information and develop collaborative solutions for both planning and implementing capital projects.
3. The BECap (Budget and Evaluation Capital applications program) provides the automated means by which capital projects are requested. The program serves as a collaborative tool providing Geographic Information System (GIS) linkages and graphical displays of capital project requests from all Key Businesses. This graphical tool has assisted staff in identifying capital project connectivity and opportunities for further collaborative planning and implementation. BECap also provides data for engineering programs to manage project implementation and the application is utilized to produce the final budget document.

FY2010-2014 Capital Investment Plan

Capital Investment Plan Program Policies

Improving the quality of life of its citizens is the City of Charlotte's mission and the foundation of the Capital Investment Plan. The Plan's goal is to maintain or replace high priority infrastructure as needed. By facilitating economic development, enhancing the tax base, and protecting the community's safety and environmental resources, the Capital Investment Plan benefits all segments of the community and supports all roles of municipal government. The Plan is developed in a collaborative manner and is based on Smart Growth principles.

City Council's policies for developing and implementing the Capital Investment Plan

1. **Evaluate capital projects requests according to the following priorities:**
 - 1st priority: Maintenance and/or retrofitting of existing infrastructure
 - 2nd priority: Replacement of existing infrastructure
 - 3rd priority: Expansion of existing infrastructure
 - 4th priority: New infrastructure
2. Develop and implement a capital program based on **Smart Growth principles:**
 - Maintain land use planning
 - Sustain effective land use decisions
 - Strengthen neighborhoods
 - Build a competitive economic edge
 - Design for livability
 - Safeguard the environment
 - Expand transportation choices
 - Use public investment as a catalyst
3. Preserve **the existing tax base**, a fundamental principle for City capital investment decision-making
4. Affirm **neighborhoods** as a foundation of the community and emphasize a reinvestment program for all neighborhoods
5. Form **partnerships** with citizens and businesses to leverage public dollars and make the community one of choice for living, working, and leisure activities
6. Serve as a **platform for economic development** through the funding of priority projects in targeted investment areas
7. Provide a **balanced capital plan** which funds the highest priority community needs in a variety of program areas
8. Anticipate **infrastructure and facility needs** resulting from future changes in the City's boundaries and density that are consistent with Council's development and growth policies
9. Comply with applicable **federal and state mandates**

FY2010-2014 Capital Investment Plan

Capital Investment Plan Financial Policies

1. **General government debt policies:**
 - Diversify revenue sources dedicated to capital formation and debt service
 - Maintain a balanced mix of financing strategies for funding capital projects without an excessive reliance on any one source. Examples of financing strategies include:
 - Pay-As-You-Go
 - Grants
 - Debt
 - Provide for issuance of additional debt at reasonable time intervals without increasing taxes, and timed in such a way as to avoid erratic impacts on tax rate changes
 - Maintain the highest credit ratings by scheduling and issuing debt that sustains reasonable ratios (e.g., percent of outstanding debt to assessed value)
2. **Maintain revenues dedicated to the capital plan in the Municipal Debt Service Fund:**
 - Allocation of the property tax rate
 - Investment (interest) income
 - Sales Tax authorized in January 1987
 - Other miscellaneous revenues including Alcohol Beverage Control Commission (ABC) profits, beer and wine license revenues.
3. **Maintain the Municipal Debt Service Fund Balance at an adequate level to cover debt costs**
 - The ratio of debt service fund balance to actual annual debt service costs will approximate 50%.
4. **Use the Pay-As-You-Go Tax Fund in conjunction with long-term debt financing to finance capital projects**
5. **Dedicate asset sales to the Capital Investment Plan**
 - The retirement of any outstanding debt on sold assets will be the first use of sale proceeds.
6. **Maintain the General Government fund balance at 16% of the operating budget**
 - Funding in excess of 16% of the General Fund balance is dedicated to Pay-As-You-Go capital expenses, unless otherwise directed by Council.
7. **Maintain the Enterprise Funds' capital plans on a self-sustaining basis**
 - Water and Sewer, Storm Water, and Aviation capital projects are financed from revenues generated from user fees and charges.
 - The Water/Sewer rate study assumes maintenance of debt service coverage as required in Revenue Bond financing documents.
 - Charlotte Area Transit System projects are supported by federal and state grants, and the one-half cent sales tax dedicated to transit.

FY2010-2014 Capital Investment Plan

CAPITAL FINANCING: BONDS AND PAY-AS-YOU-GO

Major components of the Capital Investment Plan financing include existing authorized debt, additional debt capacity, and Pay-As-You-Go Revenues.

Existing General Government Bond Status

- The Capital program includes \$1,050,000 in prior Street Bonds. These bonds include \$500,000 from project savings (identified in the FY2009 mid-year report) and programmed for railroad safety improvements. The remaining \$550,000 in prior bonds is for the Old Convention Center redevelopment agreement.
- The Capital program includes \$70,400,000 in 2008 Street Bonds, which are programmed in FY2010 and FY2011.
- The FY2010-2014 CIP also includes \$11.3 million in authorized Certificates of Participation (COPs) for public safety digital communications and fire station (Eastland) construction.

New General Government Bond Status

- The FY2010-2014 CIP includes \$181.1 million for a proposed bond referendum in November 2010. The bonds are as follows:
 - \$139.1 million in Street Bonds
 - \$32.0 million in Neighborhood Improvements Bonds (see page 160 for specific neighborhoods funded through these bonds)
 - \$10.0 million in Affordable Housing Bonds
- The FY2010-2014 CIP also includes \$24.0 million in proposed Certificates of Participation financing as follows:
 - \$6.0 million for Providence Police Station (budgeted in FY2010 and FY2011)
 - \$7.5 million for Consolidated Fire Headquarters (an additional \$2.5 million is budgeted from Pay-As-You-Go in FY2011)
 - \$10.5 million for Reserve for Economic Development Initiatives
- At City Council's Annual Retreat in February 2009, additional debt capacity of \$50.0 million was identified. The budget recommends transferring this capacity from the Debt Service Fund to the General Fund. The \$50.0 million in capacity is equal to 0.5¢ of the property tax rate.
- A summary of the 2010 Bond Referendum follows on the next page.

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Bonds and COPs Schedule

<u>Housing and Neighborhood Development</u>	Planned	Approved	Difference
	2010 Bond	2010 Bond	
Neighborhood Improvements	\$25.0	\$25.0	\$0.0
Neighborhood Improvements - Boulevard Homes	0.0	7.0	7.0
Affordable Housing	10.0	10.0	0.0
Area Plan Projects	5.0	5.0	0.0
Traffic Calming Program	3.0	3.0	0.0
Pedestrian and Traffic Safety Program	2.0	2.0	0.0
Sidewalk Construction Program	15.0	15.0	0.0
Total	\$60.0	\$67.0	\$7.0

Transportation

Bridge Program	2.0	2.0	0.0
Farm-to-Market Road Improvement Program:			
- Oakdale Road Improvements	5.5	8.0	2.5
- Robinson Church Road - Planning/Design	2.5	2.5	0.0
- Johnston-Oehler Road Improvements	14.3	14.3	0.0
- Tyvola Road Improvements	1.5	1.5	0.0
Minor Roadway Improvement Program	1.5	1.5	0.0
Intersection Improvement Projects:			
- Ballantyne Commons/Elm Lane	4.0	7.2	3.2
- Freeland/South Boulevard	5.0	0.0	-5.0
- Scaleybark/South Boulevard	0.0	2.0	2.0
Public-Private Participation Program	3.0	6.0	3.0
Thoroughfare and Street Projects:			
- Unprogrammed (Auten Road)	5.0	0.0	-5.0
- Beatties Ford Rd (Capps Hill Mine to Sunset)	13.0	13.0	0.0
- Brevard and Eighth Street Improvements	0.0	5.5	5.5
- Idlewild Rd (Piney Grove to Margaret Wallace)	6.0	8.0	2.0
State Highway Participation Program	3.0	3.0	0.0
Street Connectivity Program	4.0	4.0	0.0
Traffic Control Devices Upgrade Program	4.0	4.0	0.0
Traffic Flow Enhancement (coordinated signals)	5.0	5.0	0.0
Bicycle Program	2.0	2.0	0.0
City Center Transportation Implementation	4.0	4.0	0.0
NE Corridor: Access Improvements	0.0	6.5	6.5
NE Corridor: Sugar Creek Alignment	24.3	0.0	-24.3
Total	\$109.6	\$100.0	-\$9.6

Economic Development

Business Corridor/Pedscape Infrastructure	4.6	4.6	0.0
North Tryon Redevelopment*	0.0	9.5	9.5
Total	\$4.6	\$14.1	\$9.5

Total 2010 Bond Referendum

\$174.2 \$181.1 \$6.9

Facilities and ED Reserve

	Planned	Approved	Difference
	COPs	COPs	
Eastland Fire Station **	6.0	7.0	1.0
Providence Police Station	0.0	6.0	6.0
Consolidated Fire Headquarters	0.0	7.5	7.5
Radio System	4.3	4.3	0.0
Reserve for Economic Development Initiatives	20.0	10.5	-9.5
Total Certificates of Participation	\$30.3	\$35.3	\$5.0

Total Program

\$204.5 \$216.4 \$11.9

* Funded from Reserve for Economic Development Initiatives

** On May 26, 2009 Council approved \$925,000 for land, leaving \$6,075,000 in the budget

█ = changes from approved FY09-13 CIP to approved FY10-14 CIP

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Neighborhood Improvement Program (NIP)

Neighborhoods are evaluated for inclusion into the program based on seven criteria:

1. Health and safety
2. Leverage opportunity
3. Cost effectiveness
4. Quality of life status
5. Residential future
6. Neighborhood request
7. Geography

PROPOSED NEIGHBORHOOD IMPROVEMENT PROJECTS – 2010

<u>Neighborhoods</u>	<u>Total Estimate</u>
Newell-South	\$2.0M
Shamrock Gardens	2.0
Shannon Park	1.0
Nevin	2.0
Pawtucket	2.0
Eastwood	2.0
Farm Pond	1.0
Tryon Hills	4.0
Hope Park	4.0
Delta Lake	2.0
Grove Park	3.0
Total	\$25.0M

Please note that Newell-South was formerly called Autumnwood and Grove Park was formerly called Linda Lake. The name changes were made at the request of the neighborhoods.

FY2010-2014 Capital Investment Plan

Pay-As-You-Go and Current Revenues

The Pay-As-You-Go Fund (PAYG) provides cash investments for relatively small capital projects. The PAYG Fund includes the PAYG property tax, a portion of the City's auto and sales taxes, and other current (on-hand, non-recurring) revenues. This mix of revenues supports the financial policy of diversified revenues for the Capital Investment Plan.

FY2010 Pay-As-You-Go and current revenues increased by \$24.6 million (33.1% increase) compared with FY2009 revenues. The increase includes \$44.8 million in future land sales from the I-277 Interchange project. These revenues are budgeted for Payment to the Hall of Fame Fund, Brevard and Stonewall Streets construction, and projects to be programmed.

Below is a summary of the FY2010 Pay-As-You-Go revenues:

- \$44.8 million from future I-277 land sales
- \$23.8 million from Auto and Sales Taxes
- \$10.5 million from PAYG Property Tax (including Synthetic TIF)
- \$6.8 million from Vehicle Rental Tax
- \$8.0 million from General Capital fund balance
- \$1.2 million from Pay-As-You-Go fund balance
- \$.7 million from interest income
- \$.3 million from program income and General Fund Contribution

The Pay-As-You-Go Fund property tax rate for FY2010 is 1.41¢, a decrease of 0.1¢ from FY2009.

Major projects funded by Pay-As-You-Go in FY2010:

- \$44.8 million in I-277 land sales projects, including Brevard and Stonewall Street Improvements
- \$18.4 million for the City's Maintenance of Effort Contribution to the Metropolitan Transit Commission
- \$8.0 million for Streetcar Planning and Design
- \$6.8 million for cultural facilities, county and towns' portion of the vehicle rental tax, and road planning, design, and right-of-way
- \$5.0 million for Innovative Housing
- \$4.5 million for Building and Roof Maintenance

The next page provides detailed information on program revenues and expenditures.

FY2010-2014 Capital Investment Plan

Pay-As-You-Go Schedule

PROJECT TITLE	Revised FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	TOTAL
Pay-As-You-Go Revenues							
Property Tax	\$10,825,677	\$10,411,384	\$10,498,536	\$10,589,757	\$10,655,346	\$10,699,312	\$52,854,335
Property Tax - Synthetic TIF	47,705	89,174	121,076	171,242	199,155	222,418	803,065
PAYG Fund - Interest Income	540,000	713,000	800,000	900,000	900,000	900,000	4,213,000
Sales Tax	11,749,867	11,311,887	11,594,684	12,058,472	12,540,810	13,042,443	60,548,296
Auto Tax	12,253,158	12,500,000	12,625,000	12,751,250	12,877,500	13,003,750	63,757,500
Vehicle Rental Tax *	8,833,705	6,764,782	7,069,197	7,387,311	7,719,740	8,067,128	37,008,158
Capital Reserve	7,600,000						
Capital Fund Balance	4,265,085	8,000,000	2,500,000				10,500,000
Pay-As-You-Go Balance	1,293,994	1,184,982	665,787	4,158,957	233,889	113,737	6,357,352
General Fund Contribution		75,459					75,459
Innovative Program Income		225,000					225,000
Sale of Land (I-277 Ramps)	14,000,000	44,770,000	10,775,000				55,545,000
Sale of Land (Central Yard)				2,000,000			2,000,000
TOTAL REVENUES	\$71,409,191	\$96,045,668	\$56,649,280	\$50,016,989	\$45,126,440	\$46,048,788	\$293,887,165
EXPENDITURES							
Contribution to MTC (MOE) **	\$18,400,000	\$18,400,000	\$18,400,000	\$18,400,000	\$18,400,000	\$18,400,000	\$92,000,000
<u>Vehicle Rental Tax Projects:</u>							
- Contribution to Cultural	6,445,071	4,935,585	5,157,686	5,389,782	5,632,322	5,885,777	27,001,152
- County/Towns Share	777,366	595,301	622,089	650,083	679,337	709,907	3,256,718
- Road Planning/Design/ROW	1,611,268	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288
Synthetic TIF Projects	42,935	80,256	104,872	145,924	166,948	183,789	681,789
Neighborhood Grants	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Innovative Housing ***	5,196,337	4,950,322	4,669,903	4,753,446	4,859,444	4,967,563	24,200,678
HOME Grant Match	641,214	710,308	710,308	710,308	710,308	710,308	3,551,540
In Rem Remedy	550,000	550,000	550,000	550,000	550,000	550,000	2,750,000
<u>I-277 Interchange Projects:</u>							
- Payment to Hall of Fame Fund****		21,600,000					21,600,000
- Reimburse Loan from Debt Service			6,000,000				6,000,000
- Reimburse State of NC ****			4,775,000				4,775,000
- Brevard Street Improvements	1,500,000	8,500,000					8,500,000
- Stonewall Street Improvements	500,000	6,500,000					6,500,000
- To Be Programmed	9,770,000	8,170,000					8,170,000
- I-277/Caldwell Street Interchange		2,230,000					
Sidewalk and Curb Repairs	550,000	550,000	550,000	550,000	550,000	550,000	2,750,000
NE Corridor - Sugar Creek Alignment	1,000,000						
Streetcar Planning and Design		8,000,000					8,000,000
Eastland Fire Station	300,000						
Business Corridor Revitalization	6,100,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Business Grant Program	400,000	400,000	400,000	400,000	400,000	400,000	2,000,000
Environmental Services Program	1,050,000	600,000	600,000	600,000	600,000	600,000	3,000,000
Tree Canopy Program	420,000	420,000	420,000	420,000	420,000	420,000	2,100,000
Building Maintenance	3,300,000	3,300,000	3,300,000	3,350,000	3,500,000	3,600,000	17,050,000
Roof Replacement Program	1,200,000	1,200,000	1,200,000	1,300,000	1,400,000	1,500,000	6,600,000
Parking Lot/Deck Repairs	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Government Plaza Maintenance	600,000	600,000	650,000	700,000	700,000	750,000	3,400,000
Government Center Re-Caulking				6,000,000			6,000,000
Consolidated Fire Headquarters			2,500,000				2,500,000
Fire Station Renovations	450,000				400,000	600,000	1,000,000
Police Metro Station	820,000						
Police Eastland Station Upfit	1,000,000						
Annexation Station - Miranda (Land)	680,000						
Sweden Road Yard - Land	3,125,000						
Landscape and Median Renovation	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Technology Investments	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
TOTAL EXPENDITURES	\$71,409,191	\$96,045,668	\$56,649,280	\$50,016,989	\$45,126,440	\$46,048,787	\$293,887,165

* Effective FY07, Vehicle Rental Tax replaced portion of MOE support from Property/Sales Tax for cultural facilities.

** Maintenance of Effort (MOE)

*** Adjusted to include interest payments.

**** On March 23, 2009 Council approved an agreement with NCDOT which reduced the reimbursement requirement.

FY2010-2014 Capital Investment Plan

Public Art Schedule

<u>Project Title</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>TOTAL</u>
Neighborhood Improvements - Streetscape*	\$1,000,000	\$1,700,000	\$700,000	\$900,000	\$900,000	\$5,200,000
Eastland - Infrastructure	760,000					760,000
Area Plan Projects	2,500,000	2,500,000	2,500,000	2,500,000		10,000,000
Pedestrian and Traffic Safety		1,000,000	1,000,000			2,000,000
Northeast Corridor: Access Improvements		650,000				650,000
Business Corridor/Pedscape Infrastructure	2,300,000	2,300,000	2,300,000			6,900,000
Business Grant Program - Facades	200,000	200,000	200,000	200,000	200,000	1,000,000
North Tryon Redevelopment		9,500,000				9,500,000
Consolidated Fire Headquarters		5,000,000				5,000,000
Eastland Fire Station	4,200,000					4,200,000
Police Providence Station		3,400,000				3,400,000
TOTAL	\$10,960,000	\$26,250,000	\$6,700,000	\$3,600,000	\$1,100,000	\$48,610,000

FY10-14 General Art Allocations

Neighborhood Improvements - Streetscape*	10,000	17,000	7,000	9,000	9,000	52,000
Eastland - Infrastructure	7,600					7,600
Area Plan Projects	25,000	25,000	25,000	25,000		100,000
Pedestrian and Traffic Safety		10,000	10,000			20,000
Northeast Corridor: Access Improvements		6,500				6,500
Business Corridor/Pedscape Infrastructure	23,000	23,000	23,000	23,000		92,000
Business Grant Program - Facades	2,000	2,000	2,000	2,000	2,000	10,000
North Tryon Redevelopment		95,000				95,000
Consolidated Fire Headquarters		50,000				50,000
Eastland Fire Station	42,000					42,000
Police Providence Station		34,000				34,000
TOTAL	\$109,600	\$262,500	\$67,000	\$59,000	\$11,000	\$509,100

REVENUES

Neighborhood Improvement Bonds	17,600	17,000	7,000	9,000	9,000	59,600
Street Bonds	48,000	159,500	58,000	48,000		313,500
Pay-As-You-Go Fund	2,000	27,000	2,000	2,000	2,000	35,000
Certificates of Participation	42,000	59,000				101,000
TOTAL	\$109,600	\$262,500	\$67,000	\$59,000	\$11,000	\$509,100

Water and Sewer estimated FY10-14 public art funding is \$130,000.

Aviation public art funding is calculated at year-end. Aviation public art funding in FY09 is estimated at \$448,750.

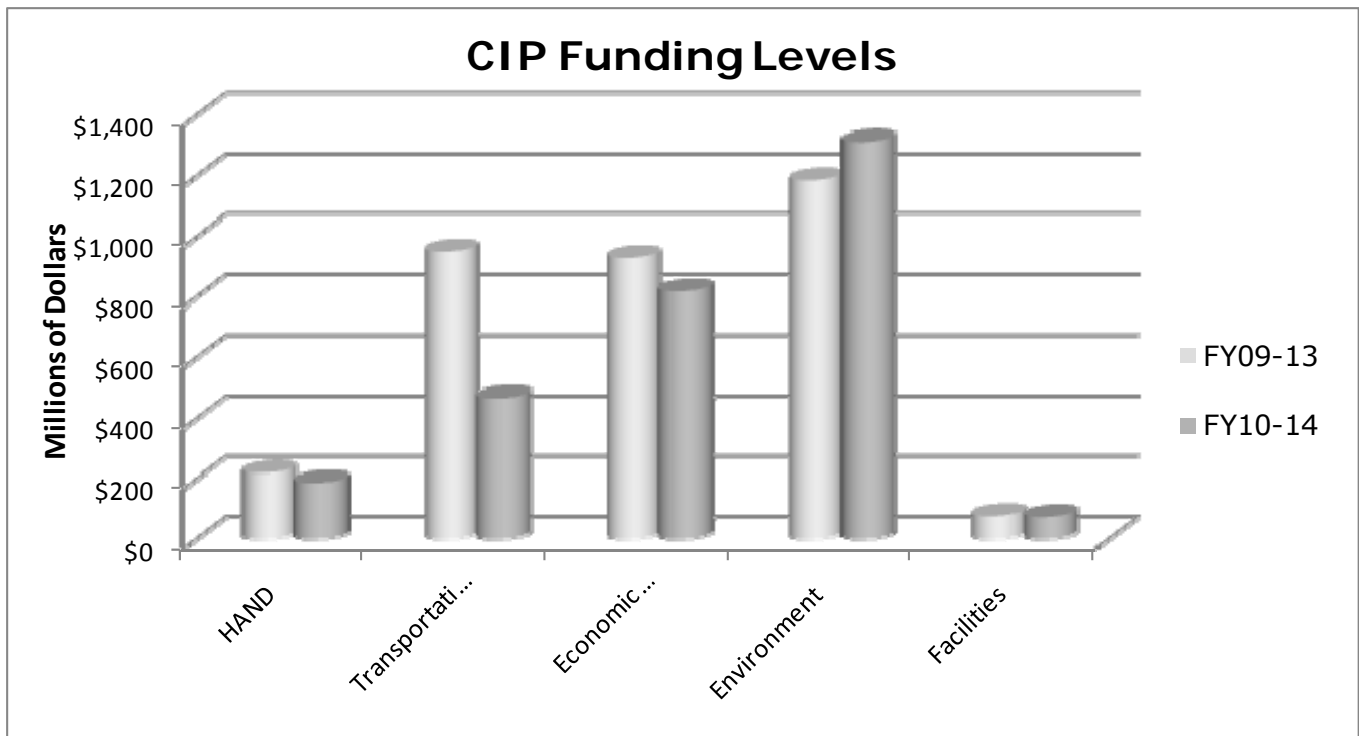
* includes Boulevard Homes

FY2010-2014 Capital Investment Plan

CAPITAL INVESTMENT PLAN OVERVIEW

- Housing and Neighborhood Development:** Funding is decreasing by \$30.9 million, or -14.1%. This decrease is due to appropriation of 2008 bonds for affordable housing, neighborhood improvements, and sidewalks in the FY09-13 CIP, reducing future appropriations to these projects.
- Transportation:** Funding is decreasing by \$484.3 million, or -50.9%. This decrease is due to a reduction of \$117.1 million, or -39.3%, because of 2006 and 2008 prior year bond appropriations for roads. Also contributing is a \$367.2 million reduction, in CATS -56.3%, mainly due to a decline in the economy-driven sales tax receipts.
- Economic Development:** Funding is decreasing by \$111.5 million, or -12.0%. This decrease is due to a \$132.6 million reduction, or -14.7%, primarily in Aviation, due to completion of major appropriations for the Third Parallel Runway. This decrease is partially offset by a \$21.1 million increase in Economic Development for Reserve for Economic Development Initiatives, Streetcar Planning and Design, and North Tryon Redevelopment.
- Environment:** Funding is increasing by \$126.1, or 10.6%. This change is due to a \$145.4 million increase, or 15.0%, in Water and Sewer to address infrastructure needs. This increase is partially offset by a \$20.9 million decrease, or -9.9%, in Storm Water, reflecting changes in the tier-based revenue structure.
- Facility Investments:** Funding is decreasing by \$4.1 million, or -5.3%.

A comparison of the FY2009-2013 CIP to the FY2010-2014 CIP follows and provides a summary for each program area.



FY2010-2014 Capital Investment Plan

This section provides comparative information regarding changes for each program area from the FY09-13 CIP to the FY10-14 CIP.

Housing and Neighborhood Development

- The Housing Program decreases \$6.0 million, or -6.3%, due to prior year appropriations of 2008 bonds for affordable housing. CDBG and HOME grants increased \$134,161 and \$250,960, respectively, since presentation of the preliminary budget. The HOME grant increase also required an additional \$69,094 local match from Pay-As-You-Go Fund Balance. Innovative Housing decreased \$434,868 (or -8.1%) in FY2010 compared to FY2009. The 2010 bond referendum proposes \$10.0 million for affordable housing, of which \$5.0 million would be earmarked for the Hope VI Boulevard Homes project, if approved.
- The Neighborhood Improvement Program decreases \$24.9 million, or -20.1%, due to prior year appropriations of 2008 bonds, including funding for Eastland Infrastructure and Double Oaks Infrastructure. The 2010 bond referendum proposes \$32.0 million for neighborhood investments, which includes \$7.0 million for infrastructure as part of the City's contribution for the Hope VI Boulevard Homes project.

Transportation

- The Roads Program is decreasing \$117.1 million, or -39.3%. due to prior year appropriations of 2006 and 2008 bonds. The program is based on Transportation Action Plan priorities. The program has been adjusted for changing conditions. Two modifications are for new projects: Brevard and Eighth Streets and Scaleybark/South Boulevard Intersection. The 2010 bond referendum includes \$139.1 million for Street Improvements.
- The Charlotte Area Transit System (CATS) Program is decreasing \$367.2 million, or -56.3%. This decrease includes completed funding for the south corridor in the previous plan. Despite the drop in funding, the program includes \$155.5 million for future corridor planning and construction and \$53.2 million for bus and STS vehicle replacement.

Economic Development

- The Economic Development Program is increasing by \$21.1 million, or 78.2%. This increase is due to programming for Reserve for Economic Development Initiatives (\$10.5 million in COPs), Streetcar Planning and Design (\$8.0 million from General Capital fund balance), and North Tryon Redevelopment (\$9.5 million in 2010 Street Bonds and transferred from the original \$20.0 million in Reserve for Economic Development Initiatives).
- Aviation is decreasing by \$132.6 million, or -14.7%. This decrease is primarily due to completion of major appropriations for the Third Parallel Runway. The program includes \$250.0 million to expand the Terminal Lobby and \$74.5 million to relocate the car rental facility.

Environment

- The Environmental Services Program totals \$5.1 million over five years. FY2010 funding totals \$1.0 million and includes on-going monitoring of underground fuel storage tanks, monitoring and testing of closed landfills at York and Statesville Roads, and Phase I and II environmental assessments for buildings and roads. The FY2010 appropriation also includes \$420,000 for the tree canopy program, including tree removal and cankerworm banding.

FY2010-2014 Capital Investment Plan

(Program areas continued)

- The Storm Water Program is decreasing by \$20.9 million, or -9.9%. The program includes \$62.9 million for flood control projects in neighborhoods and \$58.0 million for repairs on private and public rights-of-way. The program also includes two new projects: \$10.0 million for the Post Construction Controls Program and \$10.0 million for the Stream Mitigation Bank. Both of these programs are supported through development fees.
- The Water and Sewer Program is increasing \$145.4 million, or 15.0%, to address infrastructure needs. Major projects include: \$187.0 million for Long Creek wastewater treatment plant, \$115.3 million for Sugar Creek wastewater treatment plant expansion, \$107.8 million for water and sewer line rehabilitation, and \$60.0 million for water and sewer annexation projects.

Facility Investments

- The Facility Investments Program is decreasing \$4.1 million, or -5.3%. The FY2010 program funds ongoing maintenance and renovation projects and programs at FY09 funding levels. New and amended projects are:
 - \$1.0 million (COPs) in supplemental funding for Eastland fire station. The total project budget is \$7.7 million, of which \$7.0 million is included in the capital program in FY2010.

Subsequent to presentation of the budget, the site location of the Eastland Fire Station was changed resulting in an estimated savings of \$715,000. This savings will be retained in the project budget until the mid-year CIP status report and CIP development process when the disposition of the savings will be considered.
 - \$10.0 million for a Consolidated Fire Headquarters funded over two years. FY2010 totals \$5.0 million (COPs) and includes site acquisition, demolition, and architecture costs. FY2011 totals \$5.0 million (\$2.5 million in COPs and \$2.5 million in General Capital fund balance) and includes renovations.
 - \$6.0 million (COPs) for a new police station in the Providence response area. This station compliments the Law Enforcement Center vision of constructing facilities to accommodate growth needs.

FY2010-2014 Capital Investment Plan

AMENDED AND NEW GENERAL GOVERNMENT CAPITAL PROJECTS

This section provides a description of projects that have been amended or are new to the FY2010-2014 Capital Investment Plan.

Amended Projects

- **Road Projects** - This is a planning year with respect to programming capital projects for the November 2010 Bond Referendum. Road projects proposed for the 2010 Bond Referendum have not changed appreciably; nonetheless, as planning and design work is completed better cost information becomes available. Changes in the road program are highlighted below:
 - Oakdale Road: funding increased \$2.5 million to \$8.0 million
 - Ballantyne Commons/Elm Lane Intersection: funding increased \$3.2 million to \$7.2 million
 - Freeland/South Boulevard Intersection: project to be funded from Public-Private Participation
 - Scaleybark/South Boulevard Intersection: new project included at \$2.0 million
 - Public-Private Participation: funding increased \$3.0 million to \$6.0 million
 - Unprogrammed (Auten Road): funding of \$5.0 million was re-programmed
 - Brevard and Eighth Streets: new project included at \$5.5 million
 - Idlewild Road: funding increased \$2.0 million to \$8.0 million
 - NE Corridor Access Improvements: funding of \$6.5 million was added to the program
 - NE Corridor Sugar Creek Alignment: project was eliminated from program
- **Reserve for Economic Development Initiatives** - This project was included in the FY2009-2013 CIP at \$20 million reserved from debt capacity. North Tryon Redevelopment is included in the FY2010-2014 CIP at \$9.5 million from this reserve. The remaining \$10.5 million is programmed, but undesignated over the five years with financing from Certificates of Participation.
- **Tree Canopy Program** - This project was transferred from Facilities Investments to the Environment focus area. The project remains funded at \$420,000 annually for tree removal and cankerworm banding.
- **Eastland Fire Station** - Total project cost was increased \$1.0 million to \$7.7 million. The cost increase was based on site requirements and the need for significant fill to increase the elevation of the site. \$7.0 million is included in the capital program in FY2010 (note: Council approved \$925,000 for land acquisition on May 26, 2009). \$0.7 million (\$400,000 in COPs and \$300,000 in Pay-As-You-Go) was appropriated in FY2009.

New Projects

- **Boulevard Homes** - This project is part of the City's participation in a HOPE VI grant application to redevelop Boulevard Homes. The funding is for infrastructure improvements such as sidewalks, roads, and drainage. The funding totals \$7.0 million and is proposed for the 2010 Bond Referendum as Neighborhood Improvements.
- **Shopton Road West** - On January 26, 2009 City Council approved a Municipal Agreement with the North Carolina Department of Transportation whereby NCDOT agreed to reimburse the City for road work on Shopton Road West. This reimbursement is included in the capital program in FY10 at \$1.2 million.

FY2010-2014 Capital Investment Plan

New Projects continued

- **North Tryon Redevelopment** - This project provides public improvements along North Tryon from Dalton Avenue to 30th Street. These improvements include curb and gutter, setback of utilities, streetscape, bike lanes, pedestrian crossings and wider sidewalks. This area was reviewed by the Warren Study, which identified improvements needed along North Tryon from Brookshire to Sugar Creek. The project provides improvements in a targeted area that spans about one mile. The goal of the project is to stimulate private investments. The CIP includes \$9.5 million in the 2010 Bond Referendum for North Tryon Redevelopment. This funding is from the \$20.0 million reserved in the prior plan for Economic Development Initiatives.
- **Streetcar Planning and Design** - This project is under review by the Charlotte Streetcar Advisory Committee. The project is envisioned as a \$457 million, 25-year effort that spans the east/west corridor from the Eastland area to Beatties Ford Road. It is anticipated that the project would encourage development along the corridor estimated at \$800 million to \$1.7 billion and greater population densities. Funding for planning and design would position the project for potential grant funding. The FY2010 budget includes \$8.0 million from General Capital fund balance for initial planning and design of the project.
- **Consolidated Fire Headquarters** - This project provides for acquisition of property, demolition of existing structures, and renovations to accommodate Fire Administration and Prevention. The funding totals \$10.0 million and is proposed to be financed from \$7.5 million in Certificates of Participation and \$2.5 million from General CIP Fund Balance. The funding is split evenly between site acquisition, structural demolition, and an architectural contract in FY10 and renovation and construction in FY11. Fire Administration is currently located on Ninth Street in a leased facility. Fire Prevention is located on Beaumont Avenue; the site could be sold to partially fund renovations.
- **Providence Police Station** - This project provides for a permanent police station in the Providence Division. The facility would function much like the West Service Center on Wilkinson Boulevard and the Metro Station on Beatties Ford Road. When the Law Enforcement was built on East Trade Street the vision was to construct additional facilities to house police operations to accommodate growth. The facility is funded at \$6.0 million and is funded from Certificates of Participation.

FY2010-2014 Capital Investment Plan

CITY OF CHARLOTTE FY2010-2014 CAPITAL INVESTMENT PLAN

Program Category	FY2010	FY2011	FY2012	FY2013	FY2014	FY10-14 CIP
HOUSING AND NEIGHBORHOOD DEVELOPMENT						
Housing	\$19,933,901	\$19,878,482	\$19,962,025	\$15,068,023	\$15,176,142	\$90,018,573
Neighborhoods	28,550,000	29,200,000	19,200,000	12,700,000	9,200,000	98,850,000
Total Housing and Neighborhood Development	\$48,483,901	\$49,078,482	\$39,162,025	\$27,768,023	\$24,376,142	\$188,868,573
TRANSPORTATION						
Roads	\$60,133,896	\$78,989,422	\$37,947,446	\$1,958,081	\$2,021,443	\$181,050,288
Charlotte Area Transit	59,339,753	48,994,622	48,728,229	61,899,297	66,517,081	\$285,478,982
Total Transportation	\$119,473,649	\$127,984,044	\$86,675,675	\$63,857,378	\$68,538,524	\$466,529,270
ECONOMIC DEVELOPMENT						
Economic Development	\$15,830,256	\$16,304,872	\$6,845,924	\$4,566,948	\$4,583,789	\$48,131,789
Aviation	174,541,679	211,688,442	202,337,937	112,228,166	69,286,000	770,082,224
Total Economic Development	\$190,371,935	\$227,993,314	\$209,183,861	\$116,795,114	\$73,869,789	\$818,214,013
ENVIRONMENT						
Environmental Services	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$5,100,000
Storm Water	31,280,000	43,500,000	38,800,000	34,000,000	43,000,000	190,580,000
Water	111,066,000	58,925,000	103,052,000	70,787,000	66,142,000	409,972,000
Sewer	275,470,000	247,075,000	38,710,000	66,150,000	79,458,100	706,863,100
Total Environment	\$418,836,000	\$350,520,000	\$181,582,000	\$171,957,000	\$189,620,100	\$1,312,515,100
FACILITY INVESTMENTS	\$25,597,940	\$16,100,000	\$13,900,000	\$8,550,000	\$9,000,000	\$73,147,940
TOTAL PROGRAM	\$802,763,425	\$771,675,840	\$530,503,561	\$388,927,515	\$365,404,555	\$2,859,274,896
GENERAL GOVERNMENT	\$151,065,993	\$161,492,776	\$98,875,395	\$43,863,052	\$41,001,374	\$496,298,590

FY2010-2014 Capital Investment Plan

Program Revenues Schedule

<u>Program Category</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>TOTAL</u>
GENERAL GOVERNMENT REVENUES SUMMARY						
BONDS						
Prior Street Bonds	\$1,050,000					\$1,050,000
2008 Street Bonds	54,700,000	15,700,000				70,400,000
2010 Street Bonds - TBA		85,250,000	50,350,000	3,500,000		139,100,000
2008 Neighborhood Bonds	17,600,000	10,000,000				27,600,000
2010 Neighborhood Bonds - TBA		7,000,000	7,000,000	9,000,000	9,000,000	32,000,000
2008 Housing Bonds	5,000,000					5,000,000
2010 Housing Bonds - TBA		5,000,000	5,000,000			10,000,000
COPs - Radio System - Authorized	4,272,940					4,272,940
COPs - Eastland Fire Station - Authorized	6,075,000					6,075,000
COPs - Providence Police Station - TBA	2,600,000	3,400,000				6,000,000
COPs - Consolidate Fire Headquarters - TBA	5,000,000	2,500,000				7,500,000
COPs - Reserved for ED Initiatives - TBA	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Total Bonds	\$98,797,940	\$130,850,000	\$64,350,000	\$14,500,000	\$11,000,000	\$319,497,940
TAXES						
Property Tax	10,411,384	10,498,536	10,589,757	10,655,346	10,699,312	52,854,335
Property Tax - Synthetic TIF	89,174	121,076	171,242	199,155	222,418	803,065
Interest Income	713,000	800,000	900,000	900,000	900,000	4,213,000
Sales Tax	6,376,302	6,436,998	6,668,690	6,908,488	7,156,666	33,547,144
Auto Tax	269,481	672,108	1,088,478	1,517,903	1,960,971	5,508,941
General Fund Contribution	75,459					75,459
General Capital Fund Balance	8,000,000	2,500,000				10,500,000
Pay-As-You-Go Fund Balance	1,184,982	665,787	4,158,957	233,889	113,736	6,357,351
Total Taxes	\$27,119,782	\$21,694,505	\$23,577,124	\$20,414,781	\$21,053,103	\$113,859,295
GRANTS						
Community Dev Block Grant	4,782,038	4,782,038	4,782,038	4,782,038	4,782,038	23,910,190
Community Dev HOME Grant	2,841,233	2,841,233	2,841,233	2,841,233	2,841,233	14,206,165
NCDOT	1,200,000					1,200,000
Total Grants	\$8,823,271	\$7,623,271	\$7,623,271	\$7,623,271	\$7,623,271	\$39,316,355
FUND BALANCES, LOAN REPAYMENTS AND OTHER						
Innovative Housing Income	225,000	225,000	225,000	225,000	225,000	1,125,000
CDBG Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
HOME Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
Affordable Housing Income	100,000	100,000	100,000	100,000	100,000	500,000
Sale of Land (I-277 Interchange)	15,000,000					15,000,000
Sale of Land (portion of Central Yard)			2,000,000			2,000,000
Total Fund Balances, Loan Repayments and Other	\$16,325,000	\$1,325,000	\$3,325,000	\$1,325,000	\$1,325,000	\$23,625,000
TOTAL GENERAL GOVERNMENT REVENUES	\$151,065,993	\$161,492,776	\$98,875,395	\$43,863,052	\$41,001,374	\$496,298,590

FY2010-2014 Capital Investment Plan

<u>Program Category</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>TOTAL</u>
ENTERPRISE FUNDS REVENUES SUMMARY						
STORM WATER						
Storm Water Revenue Bonds		14,500,000	8,800,000	3,000,000	11,000,000	37,300,000
Storm Water Pay-As-You-Go	25,880,000	25,000,000	26,000,000	27,000,000	28,000,000	131,880,000
Storm Water Fund Balance	1,400,000					1,400,000
Storm Water Program Income	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
Total Storm Water	\$31,280,000	\$43,500,000	\$38,800,000	\$34,000,000	\$43,000,000	\$190,580,000
CHARLOTTE AREA TRANSIT SYSTEM (CATS)						
Federal Transit Grants	30,909,250	24,903,647	26,161,203	33,904,222	36,360,236	152,238,558
Federal Congestion Mitigation & Air Quality Grant	2,104,000	2,520,000	3,520,000	920,000	920,000	9,984,000
Homeland Security Grant	400,000	1,100,000	1,200,000	1,300,000	1,350,000	5,350,000
NCDOT Transit Grants	14,292,912	6,680,993	6,690,304	11,569,449	12,329,303	51,562,961
CATS Operating Budget Contribution	11,633,591	13,789,982	11,156,722	14,205,626	15,557,542	66,343,463
Total CATS	\$59,339,753	\$48,994,622	\$48,728,229	\$61,899,297	\$66,517,081	\$285,478,982
WATER AND SEWER						
Water Revenue Bonds	101,051,000	38,390,000	82,702,000	47,687,000	42,692,000	312,522,000
Sewer Revenue Bonds	268,535,000	229,760,000	21,210,000	16,400,000	35,058,100	570,963,100
Water/Sewer Operating Fund	16,950,000	37,850,000	37,850,000	72,850,000	67,850,000	233,350,000
Total Water and Sewer	\$386,536,000	\$306,000,000	\$141,762,000	\$136,937,000	\$145,600,100	\$1,116,835,100
AVIATION						
Revenue Bonds	90,509,222	161,516,542	178,532,887	101,514,166	60,700,000	592,772,817
FAA Grants and Funding	52,520,457	44,233,200	16,379,450	2,300,000	2,300,000	117,733,107
Excluded Cost Centers	8,250,000	5,088,700	7,425,600	2,014,000	3,286,000	26,064,300
State Funding	1,700,000			6,400,000	3,000,000	11,100,000
City Bonds	4,000,000					4,000,000
Dept of Defense Funding	6,912,000					6,912,000
Pay-As-You-Go	10,650,000	850,000				11,500,000
Total Aviation	\$174,541,679	\$211,688,442	\$202,337,937	\$112,228,166	\$69,286,000	\$770,082,224
TOTAL CIP REVENUES	\$802,763,425	\$771,675,840	\$530,503,561	\$388,927,515	\$365,404,555	\$2,859,274,896

FY2010-2014 Capital Investment Plan

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
Housing and Neighborhoods						
Housing						
Affordable Housing	\$5,100,000	\$5,100,000	\$5,100,000	\$100,000	\$100,000	\$15,500,000
Community Dev BLOCK GRANT	5,282,038	5,282,038	5,282,038	5,282,038	5,282,038	26,410,190
Community Dev HOME GRANT	4,051,541	4,051,541	4,051,541	4,051,541	4,051,541	20,257,705
Innovative Housing Program	4,950,322	4,894,903	4,978,446	5,084,444	5,192,563	25,100,678
In Rem Remedy	550,000	550,000	550,000	550,000	550,000	2,750,000
Total Housing	\$19,933,901	\$19,878,482	\$19,962,025	\$15,068,023	\$15,176,142	\$90,018,573
Neighborhoods						
Neighborhood Improvements	10,000,000	10,000,000	7,000,000	9,000,000	9,000,000	45,000,000
Neighborhood Improve. - Boulevard Homes		7,000,000				7,000,000
Eastland Infrastructure	7,600,000					7,600,000
Neighborhood Matching Grants	200,000	200,000	200,000	200,000	200,000	1,000,000
Area Plan Projects	2,500,000	2,500,000	2,500,000	2,500,000		10,000,000
Traffic Calming Program	750,000	1,000,000	1,000,000	1,000,000		3,750,000
Pedestrian and Traffic Safety Program		1,000,000	1,000,000			2,000,000
Sidewalk Program	7,500,000	7,500,000	7,500,000			22,500,000
Total Neighborhoods	\$28,550,000	\$29,200,000	\$19,200,000	\$12,700,000	\$9,200,000	\$98,850,000
TOTAL HOUSING AND NEIGHBORHOOD DEVELOPMENT	\$48,483,901	\$49,078,482	\$39,162,025	\$27,768,023	\$24,376,142	\$188,868,573
HOUSING AND NEIGHBORHOOD DEVELOPMENT REVENUE SUMMARY						
2008 Street Bonds	10,750,000	2,500,000				13,250,000
2010 Street Bonds - To Be Authorized		9,500,000	12,000,000	3,500,000		25,000,000
2008 Neighborhood Bonds	17,600,000	10,000,000				27,600,000
2010 Neighborhood Bonds - TBA		7,000,000	7,000,000	9,000,000	9,000,000	32,000,000
2008 Affordable Housing Bonds	5,000,000					5,000,000
2010 Affordable Housing Bonds - TBA		5,000,000	5,000,000			10,000,000
Pay-As-You-Go Fund	6,110,171	6,130,211	6,213,754	6,319,752	6,427,871	31,201,759
General Fund Contribution	75,459					75,459
Community Dev Block Grant	4,782,038	4,782,038	4,782,038	4,782,038	4,782,038	23,910,190
HOME Grant	2,841,233	2,841,233	2,841,233	2,841,233	2,841,233	14,206,165
Innovative Housing Program Income	225,000	225,000	225,000	225,000	225,000	1,125,000
Community Development Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
HOME Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
Affordable Housing Bonds Program Income	100,000	100,000	100,000	100,000	100,000	500,000
TOTAL REVENUES	\$48,483,901	\$49,078,482	\$39,162,025	\$27,768,023	\$24,376,142	\$188,868,573

Note: TBA means To Be Authorized

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
TRANSPORTATION						
Roads						
Bridge Program	\$1,000,000	\$1,000,000	\$1,000,000			\$3,000,000
Farm-to-Market Road Improvement Program:						
Rea Road Upgrade (Colony Rd to NC 51)	5,100,000	13,200,000				18,300,000
Oakdale Road Improvements		8,000,000				8,000,000
Robinson Church Road Improvements		2,500,000				2,500,000
Johnston-Oehler Road Improvements		3,100,000	11,200,000			14,300,000
Tyvola Road (Yorkmont to Tryon)		1,500,000				1,500,000
Minor Roadway Improvement Program	750,000	750,000	750,000			2,250,000
Intersection Improvements Program:						
Ballantyne Commons/Elm Lane		7,200,000				7,200,000
Scaleybark/South Boulevard		2,000,000				2,000,000
Public-Private Participation Program	1,500,000	3,000,000	3,000,000			7,500,000
Thoroughfare and Street Projects:						
Beatties Ford (Capps Hill Mine to Sunset)		3,900,000	9,100,000			13,000,000
Brevard and Eighth Street Improvements		5,500,000				5,500,000
Idlewild Rd (Piney Grove-Drifter Lane)		8,000,000				8,000,000
Statesville Rd Widening (Starita to Keith)	22,300,000					22,300,000
Center City Transportation Plan	2,500,000	2,000,000	2,000,000			6,500,000
NE Corridor: Access Improvements		6,500,000				6,500,000
State Highway Participation Program	1,500,000	1,500,000	1,500,000			4,500,000
Street Connectivity Program	2,000,000	2,000,000	2,000,000			6,000,000
Traffic Control Devices Upgrade Program	2,000,000	2,000,000	2,000,000			6,000,000
Traffic Flow Enhancement Program (arterial signal system coordination)	2,500,000	2,500,000	2,500,000			7,500,000
Bicycle Program		1,000,000	1,000,000			2,500,000
Railroad Crossing Improvements	500,000					500,000
Sidewalk and Curb and Gutter Repairs	550,000	550,000	550,000	550,000	550,000	2,750,000
Road Planning/Design/ROW	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288
Brevard Street Improvements	8,500,000					8,500,000
Stonewall Street Improvements	6,500,000					6,500,000
Shopton Road West	1,200,000					1,200,000
Total Roads	\$60,133,896	\$78,989,422	\$37,947,446	\$1,958,081	\$2,021,443	\$181,050,288
Charlotte Area Transit System						
Buses - Replacement	\$5,196,921	\$8,967,142	\$8,185,599	\$9,498,316	\$12,883,317	\$44,731,295
STS Vans - Replacement	531,563	1,840,455	1,991,545	1,966,003	2,108,280	8,437,846
Vanpool Vans - Replacement			387,500	156,162	284,090	827,752
Vanpool Vans - Expansion	284,090				537,631	821,721
Davidson BOD Facility Renovation/Expansion	6,442,578					6,442,578
Transit Centers	493,320	504,459	1,064,413			2,062,192
Park and Ride Lots	2,068,312	3,355,998	3,250,000			8,674,310
Bus Facility Improvements	2,523,749	395,516	620,175	763,080	765,645	5,068,165
Asset Maintenance	1,650,720	833,750	1,667,938	927,584	937,714	6,017,706
Preventive Maintenance	3,590,632	1,994,348	2,353,452	2,951,220	1,812,850	12,702,502
Rail and Rail Facilities	825,000	680,000	740,000	800,000	550,000	3,595,000
Service Vehicles				657,200	56,750	713,950
Revenue Management Equipment			580,000		280,000	860,000
Marketing Equipment					65,000	65,000
Safety & Security Equipment	909,050	1,100,000	1,200,000	1,300,000	1,357,500	5,866,550
Technology Improvements	608,050	601,328	487,607			1,696,985
Future corridor planning and construction	31,849,257	22,621,626	20,000,000	42,779,732	44,678,304	161,928,919
Charlotte Multimodal Station	2,166,511	6,000,000	6,000,000			14,166,511
Transit Bridge Program	200,000	100,000	200,000	100,000	200,000	800,000
Total Charlotte Area Transit	\$59,339,753	\$48,994,622	\$48,728,229	\$61,899,297	\$66,517,081	\$285,478,982
Total Transportation	\$119,473,649	\$127,984,044	\$86,675,675	\$63,857,378	\$68,538,524	\$466,529,270

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
TRANSPORTATION REVENUE SUMMARY						
Prior Street Bonds	\$500,000					\$500,000
2008 Street Bonds	41,650,000	13,200,000				54,850,000
2010 Street Bonds - To Be Authorized		63,950,000	36,050,000			100,000,000
Pay-As-You-Go Fund	1,783,896	1,839,422	1,897,446	1,958,081	2,021,443	9,500,288
NCDOT	1,200,000					1,200,000
Sale of Land (I-277 Interchange)	15,000,000					15,000,000
Federal Transit Grants	30,909,250	24,903,647	26,161,203	33,904,222	36,360,236	152,238,558
Federal Congestion/Air Quality Grant	2,104,000	2,520,000	3,520,000	920,000	920,000	9,984,000
Homeland Security Grant	400,000	1,100,000	1,200,000	1,300,000	1,350,000	5,350,000
NCDOT Transit Grants	14,292,912	6,680,993	6,690,304	11,569,449	12,329,303	51,562,961
CATS Operating Budget Contribution	11,633,591	13,789,982	11,156,722	14,205,626	15,557,542	66,343,463
TOTAL REVENUES	\$119,473,649	\$127,984,044	\$86,675,675	\$63,857,378	\$68,538,524	\$466,529,270

ECONOMIC DEVELOPMENT

Economic Development

Business Corridors/Pedscape Infrastructure	\$2,300,000	\$2,300,000	\$2,300,000			\$6,900,000
Business Grant Program	400,000	400,000	400,000	400,000	400,000	2,000,000
Business Corridor Revitalization Strategy	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Old Convention Center Redevelopment	550,000					550,000
North Tryon Redevelopment		9,500,000				9,500,000
Reserved for Economic Initiatives	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Streetcar Planning and Design	8,000,000					8,000,000
Synthetic Tax Increment Financing (property taxes)	80,256	104,872	145,924	166,948	183,789	681,789
Total Economic Development	\$15,830,256	\$16,304,872	\$6,845,924	\$4,566,948	\$4,583,789	\$48,131,789

ECONOMIC DEVELOPMENT REVENUE SUMMARY

Prior Street Bonds	550,000					550,000
2008 Street Bonds	2,300,000					2,300,000
2010 Street Bonds - To Be Authorized		11,800,000	2,300,000			14,100,000
Pay-As-You-Go Fund	10,480,256	2,504,872	2,545,924	2,566,948	2,583,789	20,681,789
Certificates of Participation - TBA	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
TOTAL REVENUES	\$15,830,256	\$16,304,872	\$6,845,924	\$4,566,948	\$4,583,789	\$48,131,789

Aviation

Airfield Projects

Third Parallel Runway	\$43,759,496					\$43,759,496
Deicing Facility	20,985,000					20,985,000
Rehabilitation Runway 18R-36L		13,059,200	13,652,800			26,712,000
Wallace Neel Road Relocation	4,913,113					4,913,113
West Boulevard Relocation	7,300,000			6,400,000	3,000,000	16,700,000
Terminal Ramp Expansion (West)		428,400	5,119,800			5,548,200
Storm Drain Rehabilitation - Phase II	4,100,000					4,100,000
Total Airfield Projects	\$81,057,609	\$13,487,600	\$18,772,600	\$6,400,000	\$3,000,000	\$122,717,809

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
<u>Terminal Complex Projects</u>						
Concourse 'E' Enhancements and Expansions	1,100,000	13,905,000	13,144,000			28,149,000
Concourse 'E' Baggage Transfer Station	650,000	850,000				1,500,000
Concourse 'E' Jet Bridges		5,204,167	5,204,167	5,204,166		15,612,500
Communications Infrastructure	2,284,070	2,284,070	2,284,070			6,852,210
Renovate Baggage Claim Lobby	3,000,000					3,000,000
Terminal Building Expansion (West Side)		2,904,600	7,844,000			10,748,600
Consolidated Fuel Farm Expansion	7,000,000	3,700,000				10,700,000
Security Checkpoint 'E'	5,000,000					5,000,000
Terminal Lobby Expansion		7,500,000	91,250,000	91,250,000	60,000,000	250,000,000
New Hourly Parking Decks	2,250,000	28,687,500	9,562,500			40,500,000
Parking Deck (North)	20,000,000					20,000,000
Public Parking Surface Lot Expansion		2,234,305				2,234,305
Total Terminal Complex	\$41,284,070	\$67,269,642	\$129,288,737	\$96,454,166	\$60,000,000	\$394,296,615
<u>Miscellaneous Aviation Projects</u>						
Master Plan Land Acquisition	10,000,000	10,000,000	10,000,000			30,000,000
Noise Compatibility Program		1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Employee Parking Expansion		3,150,000				3,150,000
Master Plan Update	2,000,000					2,000,000
Josh Birmingham Parkway Off-Ramp	550,000					550,000
Storm Water Facilities			2,226,000			2,226,000
Hotel/Unit Terminal Roadway				4,360,000		4,360,000
Airport Entrance Road Connection	9,000,000	25,000,000	14,000,000			48,000,000
Roadway Signage Project	1,750,000					1,750,000
Airport Drive Relocation		1,200,000				1,200,000
Airport Office Relocation	1,500,000					1,500,000
Environmental VALE Project		2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Air Traffic Control Tower	12,000,000	28,000,000				40,000,000
Total Miscellaneous Aviation Projects	\$36,800,000	\$70,350,000	\$29,226,000	\$7,360,000	\$3,000,000	\$146,736,000
<u>General Aviation Projects</u>						
Fixed Base Operator (FBO) Terminal Canopy			1,000,000			1,000,000
FBO Terminal Expansion		247,200	2,925,600			3,172,800
FBO Ramp Expansion		3,090,000				3,090,000
General Aviation Aircraft Maintenance Hangar			3,500,000			3,500,000
Group Hangar #4	3,500,000					3,500,000
GADO Site Redevelopment				2,014,000	3,286,000	5,300,000
Bank of America Hanger Road Relocation	1,500,000					1,500,000
Total General Aviation Projects	\$5,000,000	\$3,337,200	\$7,425,600	\$2,014,000	\$3,286,000	\$21,062,800
<u>Cargo Development Projects</u>						
Cargo Ramp Expansion (Buildings 6 & 7)	4,200,000	2,000,000				6,200,000
Cargo Buildings #8	200,000	2,369,000				2,569,000
Old Terminal Loop Road	2,000,000					2,000,000
Total Cargo Development	\$6,400,000	\$4,369,000				\$10,769,000
<u>Special Facility Projects</u>						
Rental Car Facility Relocation	4,000,000	52,875,000	17,625,000			74,500,000
Total Special Facility	\$4,000,000	\$52,875,000	\$17,625,000			\$74,500,000
TOTAL AVIATION	\$174,541,679	\$211,688,442	\$202,337,937	\$112,228,166	\$69,286,000	\$770,082,224
AVIATION REVENUE SUMMARY						
Revenue Bonds	90,509,222	161,516,542	178,532,887	101,514,166	60,700,000	592,772,817
FAA Grants and Funding	52,520,457	44,233,200	16,379,450	2,300,000	2,300,000	117,733,107
Excluded Cost Centers	8,250,000	5,088,700	7,425,600	2,014,000	3,286,000	26,064,300
State Funding	1,700,000			6,400,000	3,000,000	11,100,000
City Bonds	4,000,000					4,000,000
Dept of Defense Funding	6,912,000					6,912,000
Pay-As-You-Go	10,650,000	850,000				11,500,000
TOTAL REVENUES	\$174,541,679	\$211,688,442	\$202,337,937	\$112,228,166	\$69,286,000	\$770,082,224

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
ENVIRONMENT						
<u>Environmental Services</u>						
Environmental Services Program	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Tree Canopy Program	420,000	420,000	420,000	420,000	420,000	2,100,000
Total Environmental Services	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$5,100,000
ENVIRONMENTAL SERVICES REVENUE						
Pay-As-You-Go Fund	1,020,000	1,020,000	1,020,000	1,020,000	1,020,000	5,100,000
TOTAL REVENUES	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$5,100,000
<u>Storm Water</u>						
Storm Water Repairs to Existing Drains	\$10,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$58,000,000
Storm Water Pollution Control	2,000,000	4,000,000	700,000	1,800,000	1,800,000	10,300,000
Storm Water Stream Restoration		2,000,000	3,000,000	1,400,000	700,000	7,100,000
Minor Storm Water Projects	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Storm Water Flood Control	1,280,000	2,500,000	3,500,000	3,500,000	3,500,000	14,280,000
Storm Water Transit Projects					7,000,000	7,000,000
<u>Area Improvements</u>						
Eastburn Road	7,000,000					7,000,000
Peterson Drive	3,000,000					3,000,000
Fourth Street	500,000		500,000		4,000,000	5,000,000
Gaynor-Brantham	500,000		500,000		4,000,000	5,000,000
Hinsdale	500,000		500,000			1,000,000
Sunny Vale	500,000		500,000		4,000,000	5,000,000
Cherokee		7,000,000				7,000,000
Wiseman			1,300,000			1,300,000
Tarragate Farms		500,000		500,000		1,000,000
Kenilworth-Romany		500,000		500,000		1,000,000
Louise		6,000,000				6,000,000
McAlway		500,000		2,200,000		2,700,000
Robinhood-Dooley		500,000		4,400,000		4,900,000
Tillman		2,000,000				2,000,000
City View			1,300,000			1,300,000
Myrtle			5,200,000			5,200,000
Westridge			3,800,000			3,800,000
Brentwood				1,700,000		1,700,000
Post Construction Control Program	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Stream Mitigation Bank	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Storm Water	\$31,280,000	\$43,500,000	\$38,800,000	\$34,000,000	\$43,000,000	\$190,580,000
STORM WATER REVENUE SUMMARY						
Revenue Bonds		14,500,000	8,800,000	3,000,000	11,000,000	37,300,000
Storm Water Pay-As-You-Go	25,880,000	25,000,000	26,000,000	27,000,000	28,000,000	131,880,000
Storm Water Fund Balance	1,400,000					1,400,000
Program Income	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
TOTAL REVENUES	\$31,280,000	\$43,500,000	\$38,800,000	\$34,000,000	\$43,000,000	\$190,580,000

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
WATER						
Annexation						
2009 Annexation Area Water Mains	\$10,000,000					\$10,000,000
2011 Annexation Area Water Mains		\$1,500,000	\$8,500,000			10,000,000
Maintain Existing Infrastructure						
Raw Water Reservoir Upgrades	20,000,000					20,000,000
Vest Water Plant Rehab/Upgrades	4,000,000	1,900,000	5,000,000	\$1,150,000		12,050,000
Franklin Water Plant Rehab/Upgrades	1,720,000	4,120,000	1,720,000	2,470,000		10,030,000
Catawba Pump Station Rehab and Upgrades	1,500,000	1,500,000	500,000	1,000,000	\$1,500,000	6,000,000
CBD Water/Sewer Replacement	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Elevated Water Storage Tank Rehabilitation	1,200,000	1,200,000	1,267,000	1,267,000	1,267,000	6,201,000
Lee S. Dukes WTP Rehab & Upgrades	650,000	750,000	1,000,000			2,400,000
WTP's and BP Stations Upgrades and Rehab	500,000		500,000		500,000	1,500,000
North Meck WTP Generator		360,000	4,500,000			4,860,000
Franklin to Vest - Raw/Finished WM ROW		250,000	400,000	1,500,000	1,500,000	3,650,000
Catawba PS to Franklin Raw Water Main		100,000		100,000		200,000
Franklin Water Plant Solids Handling			1,500,000			1,500,000
WM - Freedom/Tuckaseegee Road Replacement					7,200,000	7,200,000
Provide Service to Existing Residence						
Street and Minor Water Main Extensions	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	32,500,000
New Service Installation Water	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000
Fire Hydrant Installation/Replacement	300,000		365,000		365,000	1,030,000
Regulatory Requirements						
Water Treatment Regulatory Improvements	300,000	300,000	200,000	100,000		900,000
Water Distribution System Study	300,000	400,000	400,000			1,100,000
Land Acquisition for Watershed Protection	250,000	250,000				500,000
Support for Other Public Projects and for Utilities Operations						
Water Lines for Street Improvements	13,000,000	2,000,000	1,000,000	1,000,000	1,000,000	18,000,000
Water Line Rehabilitation/Replacement	8,100,000	9,600,000	10,300,000	11,000,000	11,600,000	50,600,000
5100 Brookshire Upgrades	5,500,000					5,500,000
Technology Projects	1,150,000	850,000	850,000	850,000	850,000	4,550,000
GIS Facilities Mapping	620,000	565,000	250,000	250,000		1,685,000
NE Transit Corridor - University	500,000					500,000
Administration/Engineering Bldg. Upgrades	100,000	100,000	100,000			300,000
Public Facility Art		130,000				130,000
Support Growth and Development						
Northeast Water Transmission Main	7,500,000	7,100,000	25,700,000	15,800,000		56,100,000
882' - 978' Zone Transfer Transmission Main	3,900,000		9,200,000			13,100,000
W.T. Harris/Albemarle Road	3,500,000	5,800,000		16,800,000		26,100,000
960 Zone Elevated Storage	3,000,000		4,500,000			7,500,000
882 Zone Elevated Storage	2,100,000	2,900,000			4,150,000	9,150,000
978 Zone Elevated Storage	2,000,000		4,150,000			6,150,000
Diesel Generators for BPS	1,300,000	3,000,000	150,000	1,500,000		5,950,000
WM: Main Street Huntersville from Gilead to Ramah Church	1,070,000					1,070,000
WM: Bailey Road	1,000,000					1,000,000
978 Booster Pump Station	1,000,000		5,000,000			6,000,000
NC-115/Cornelius 24" Water Main	1,000,000		2,000,000			3,000,000
WM: Robinson Church Rd. - Harrisburg Rd.	980,000					980,000
WM: Youngblood/Zoar Road	350,000	950,000				1,300,000
WM: Albemarle Rd. Wilgrove-Mint Hill Rd.	176,000					176,000
WM: North Tryon Street		800,000	1,500,000		4,200,000	6,500,000
Lee S. Dukes Water Plant Expansion				3,500,000		3,500,000

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
978' North-South Transmission Main (formerly Hwy. 21 WM)					8,000,000	8,000,000
WM: LS Dukes WTP/Stumptown Road					4,600,000	4,600,000
WM: Carmel Road to NC51					4,100,000	4,100,000
WM: Sharon to Carmel Road-Quail Hollow					1,500,000	1,500,000
WM: Plaza Road Tank					1,000,000	1,000,000
WM: Cornelius- Main Street Extension					310,000	310,000
Total Water	\$111,066,000	\$58,925,000	\$103,052,000	\$70,787,000	\$66,142,000	\$409,972,000
WATER REVENUE SUMMARY						
Water Revenue Bonds	101,051,000	38,390,000	82,702,000	47,687,000	42,692,000	312,522,000
Water/Sewer Operating Fund	10,015,000	20,535,000	20,350,000	23,100,000	23,450,000	97,450,000
TOTAL REVENUES	\$111,066,000	\$58,925,000	\$103,052,000	\$70,787,000	\$66,142,000	\$409,972,000
SEWER						
Annexation						
2009 Annexation Area Sewer Trunks	\$15,000,000					\$15,000,000
Reedy Creek Interceptor	10,000,000					10,000,000
2011 Annexation Area Sewer Trunks		\$2,000,000	\$13,000,000			15,000,000
Maintain Existing Infrastructure						
Irwin Creek WWTP Upgrade	35,000,000					35,000,000
Sanitary Sewer Line Rehabilitation	11,000,000	11,000,000	11,000,000	\$11,000,000	\$13,000,000	57,000,000
Sugar Creek WWTP Primary Clarifier Upgrades	6,000,000					6,000,000
Lift Station Improvements	1,500,000		460,000			1,960,000
Sugar WWTP Rehab and Upgrades	1,400,000	500,000	250,000	200,000	200,000	2,550,000
66" McApline Creek Sewer Replacement	900,000					900,000
McAlpine W-1/W-3 Improvements	800,000					800,000
Mallard WWTP Rehab and Upgrades	700,000	1,200,000	500,000	350,000	100,000	2,850,000
McDowell WWTP Rehab and Upgrades	600,000		400,000	1,000,000	400,000	2,400,000
Irwin WWTP Rehab and Upgrades	400,000		200,000		200,000	800,000
Pump Station Elimination Program	200,000					200,000
Lift Station Communications, SCADA	140,000	100,000				240,000
Provide Service to Existing Residence						
Street and Minor Sewer Main Extension	7,700,000	7,700,000	7,700,000	7,700,000	7,700,000	38,500,000
New Service Installation Sewer	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Regulatory Requirements						
Briar Creek Relief Sewer	22,000,000			20,000,000		42,000,000
McAlpine Relief Sewer	18,430,000					18,430,000
Flow EQ Basin at Long Creek	6,000,000					6,000,000
Mallard Creek WWTP Clarifier and Flood Protection	5,000,000					5,000,000
Wastewater System Evaluation	1,350,000					1,350,000
Wastewater Master Plan Study			750,000	750,000		1,500,000
Support for Other Public Projects and for Utilities Operations						
Sewer Lines in Streets to be Widened	3,750,000	750,000	750,000	750,000	750,000	6,750,000
Technology Investments	500,000	225,000	200,000	200,000	200,000	1,325,000
Long Creek WWTP to 11 mgd		187,000,000				187,000,000
Wastewater Collections Division Site Needs		3,500,000				3,500,000

FY2010-2014 Capital Investment Plan

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
Support Growth and Development						
Sugar Creek WWTP Exp to 28 MGD	115,300,000					115,300,000
Steele Creek Parallel Outfall	6,000,000					6,000,000
McAlpine Creek WMF Rehab and Upgrades	2,000,000	1,000,000	1,500,000	1,000,000	1,500,000	7,000,000
Pineville Regional LS and Force Main	1,500,000					1,500,000
Developer Constructed Sewer - Reimbursable	800,000	500,000	500,000	500,000		2,300,000
Steele Creek LS Replacement		20,200,000				20,200,000
McAlpine Creek WWTP Filters		9,900,000				9,900,000
Mallard Creek WRF Effluent Filter Expansion				18,700,000		18,700,000
McMullen Creek Parallel Sewer & Flow EQ				2,000,000	9,000,000	11,000,000
Upper McAlpine Creek Relief Sewer				500,000	4,500,000	5,000,000
McDowell Basin Trunk Sewers					17,000,000	17,000,000
Ramah Creek Trunk Sewer					6,000,000	6,000,000
Clarkes Creek to Ramah Church Road					2,900,000	2,900,000
Campus Ridge Rd. Lift Station, Force Main, and Gravity Sewer					2,500,000	2,500,000
Dixon Branch Trunk Sewer Extension					1,600,000	1,600,000
Little Sugar Creek Lift Station					1,500,000	1,500,000
McCullough Branch LS Improvements					1,500,000	1,500,000
Beaver Dam Creek West Branch Outfall					1,300,000	1,300,000
Cane Creek Outfall					1,230,500	1,230,500
North Fork of Crooked Creek					1,100,000	1,100,000
Rocky River (South Prong) to Mayes					1,100,000	1,100,000
Upper Clear Creek Tributary Sewer					1,000,000	1,000,000
Lake Road Trunk Sewer (Matthews)					625,000	625,000
Matthews Commons Gravity Sewer					552,600	552,600
Beaver Dam Creek Tributary Sewer					500,000	500,000
Total Sewer	\$275,470,000	\$247,075,000	\$38,710,000	\$66,150,000	\$79,458,100	\$706,863,100
SEWER REVENUE SUMMARY						
Sewer Revenue Bonds	268,535,000	229,760,000	21,210,000	16,400,000	35,058,100	570,963,100
Water/Sewer Operating Fund	6,935,000	17,315,000	17,500,000	49,750,000	44,400,000	135,900,000
TOTAL REVENUES	\$275,470,000	\$247,075,000	\$38,710,000	\$66,150,000	\$79,458,100	\$706,863,100
FACILITY INVESTMENTS						
Building Maintenance Program	\$3,300,000	\$3,300,000	\$3,400,000	\$3,500,000	\$3,600,000	\$17,100,000
Roof Replacement Program	1,200,000	1,200,000	1,300,000	1,400,000	1,500,000	6,600,000
Parking Lot and Deck Repairs	300,000	300,000	300,000	300,000	300,000	1,500,000
Government Plaza Building Maintenance	600,000	650,000	650,000	700,000	750,000	3,350,000
Government Center Re-Caulking			6,000,000			6,000,000
Fire Station Renovations				400,000	600,000	1,000,000
Public Safety Digital Communications Upgrade	4,272,940					4,272,940
Landscape Maintenance and Renovation	250,000	250,000	250,000	250,000	250,000	1,250,000
Eastland Fire Station	6,075,000					6,075,000
Consolidated Fire Headquarters	5,000,000	5,000,000				10,000,000
Providence Police Station	2,600,000	3,400,000				6,000,000
Technology Investments	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
TOTAL FACILITY INVESTMENTS	\$25,597,940	\$16,100,000	\$13,900,000	\$8,550,000	\$9,000,000	\$73,147,940
FACILITY INVESTMENTS REVENUE SUMMARY						
COPs - Radio System - Authorized	4,272,940					4,272,940
COPs - Eastland Fire Station - Authorized	6,075,000					6,075,000
COPs - Providence Police Station - TBA	2,600,000	3,400,000				6,000,000
COPs - Consolidated Fire Headquarters-TBA	5,000,000	2,500,000				7,500,000
Sale of Land (portion of Central Yard)			2,000,000			2,000,000
Pay-As-You-Go Fund	7,650,000	10,200,000	11,900,000	8,550,000	9,000,000	47,300,000
TOTAL REVENUES	\$25,597,940	\$16,100,000	\$13,900,000	\$8,550,000	\$9,000,000	\$73,147,940

FY2010-2014 Capital Investment Plan (Unfunded)

Unfunded General Government Project Requests

<u>KBU RANK</u>	<u>PROJECT TITLE</u>	<u>5-YEAR TOTAL</u>
Housing and Neighborhood Development		
	Affordable Housing - partially funded	\$10,000,000
	Neighborhood Improvements - partially funded	10,000,000
	Neighborhood Matching Grants - partially funded	250,000
	Area Plan Capital improvements - partially funded	8,500,000
16	Traffic Calming Program - partially funded	3,750,000
2	Pedestrian & Traffic Safety - partially funded	3,000,000
23	Sidewalk Construction Program - partially funded	25,000,000
	Total Housing and Neighborhood Development	\$60,500,000
Transportation		
Motorist Capacity and Safety Improvements		
1	Traffic Flow Enhancement Program (coordinated signals) - partially funded	9,000,000
4	Bridge Program - partially funded	4,000,000
5	Traffic Control Devices Upgrade Program - partially funded	6,000,000
8	Minor Roadway Improvement Program - partially funded	5,750,000
9	Street Lighting Program	5,000,000
14	Bevington Place/Elm Lane Intersection Improvement - partially funded	3,000,000
15	McKee Road/Providence Road Intersection Improvement	3,500,000
17	Street Connectivity Program - partially funded	12,000,000
21	McKee Road FTM Road Upgrade (Providence to Weddington)	20,000,000
22	Back Creek Church Road FTM Road Upgrade - partially funded	16,000,000
24	State Highway Participation Program - partially funded	4,000,000
25	Public-Private Participation Program - partially funded	1,000,000
27	Westpark Drive Extension (Tyvola to Archdale)	10,300,000
28	Yancey Street Extension (OPR to South)	4,100,000
29	Sugar Creek Road Grade Separation at RR	5,000,000
30	36th Street Grade Separation at RR	5,000,000
31	North Tryon Parallel Street (36th St. to Old Concord)	5,000,000
32	DeWitt Lane Extension (Cama St. to Old Providence Rd)	6,100,000
33	I-485 Northeast Crossing - Eastern	16,400,000
34	I-485 Northeast Crossing - Western	20,400,000
35	MLK Drive Extension (Graham to Cedar)	15,700,000
36	Hucks Road (Sugar Creek Rd. to Northlake Ctr. Pkwy.) Planning	1,000,000
37	Fred D. Alexander Boulevard (NC 16 to Harris) Planning and Design	2,000,000
38	Eastern Circumferential (The Plaza to Albemarle Rd.) Planning	2,000,000
40	Pedestrian Connectivity Program	5,000,000
41	Center City Transportation Implementation Program - partially funded	4,000,000
43	Sidewalk & Curb and Gutter Maintenance Program - partially funded	10,250,000
45	Non-System Residential Street Improvements	6,000,000
47	Brookshire Blvd./Hovis Road Intersection Improvements	5,500,000
48	Idlewild Road/Monroe Road Intersection Improvements	5,500,000
49	Sunset Road/Oakdale Road Intersection Improvement	5,500,000
50	Robinson Church Road FTM Road Upgrade (Harris to City Limits)	21,200,000
51	Tuckaseegee Road FTM Road Upgrade Phase 1 (Ashley to Little Rock)	22,200,000
52	Tyvola Road FTM Road Upgrade Phase 2 (Old Steele Creek to Yorkmont)	11,100,000
53	Idlewild Road Widening (Piney Grove to Drifter) - partially funded	4,700,000
54	Hartford Avenue Realignment to Clanton Road	1,300,000
55	Euclid Avenue Extension (Morehead to Stonewall)	24,200,000
56	Denmark Road Extension (Sweden to Arrowood)	6,600,000
57	Arrowood Rd./Whitehall Park Drive Connector	8,900,000
58	Billy Graham Pkwy./South Tryon Street Intersection Improvements	5,600,000
59	Harris Blvd./Mallard Creek Road Intersection Improvement	5,600,000
60	Nations Ford Rd./Arrowood Road Intersection Improvement	5,600,000
61	Tuckaseegee Road FTM Road Upgrade Phase 2 (Little Rock to Wilkinson)	17,800,000
62	Sardis Road North FTM Road Upgrade (Sardis to Monroe)	9,000,000

FY2010-2014 Capital Investment Plan (Unfunded)

<u>KBU RANK</u>	<u>PROJECT TITLE</u>	<u>5-YEAR TOTAL</u>
63	Tyvola Road FTM Road Upgrade Phase 3 (Tryon to I-77)	2,000,000
64	Brevard Caldwell Streets (Trade to 12th)	4,500,000
66	Sugar Creek Road Widening (Graham St. to NC 115-Sugar Creek Conn.)	17,300,000
67	Freedom Drive/ Ashley Road Intersection Improvements	6,000,000
68	Harris Blvd./Medical Plaza Drive Intersection Improvement	6,000,000
69	Arequipa Drive Extension (Margaret Wallace Road to Sam Newell Road)	6,000,000
70	IBM Drive/N. Tryon Street Connector (IBM Dr. to Tryon St) - partially funded	16,700,000
71	Fred D. Alexander Boulevard (Sunset to Harris)	8,300,000
72	Krefeld Drive Extension (McAlpine Creek to Sardis Road North)	6,400,000
73	Beatties Ford Road (Sunset to Lakeview)	4,800,000
74	Fifth Street Extension (McDowell to Kings)	8,300,000
75	Nevin Rd. Extension (Black Walnut to IBM Drive)	3,000,000
76	Archdale-Shopton Connector (Nations Ford to South Tryon)	3,600,000
77	Clanton Road Extension (current Terminus to Ashley Road)	2,900,000
78	Sweden Road Extension (England to Arrowood)	2,400,000
	Total	\$466,000,000
 <u>Pedestrian Pathways</u>		
40	Pedestrian Connectivity Program	5,000,000
10	Safe Routes to Schools Program	8,000,000
	Total	\$13,000,000
 <u>Bicycle Pathways</u>		
39	Bicycle Program - partially funded	\$5,000,000
 <u>Centers, Corridors and Livable Neighborhoods</u>		
46	Air Quality and Congestion Mitigation Program	6,000,000
42	Centers and Corridors Implementation: Centers Program	7,000,000
	Total	\$13,000,000
	Total Transportation	\$497,000,000
 <u>Economic Development</u>		
	Business Corridor/Pedscape Infrastructure - partially funded	14,700,000
	Streetcar - partially funded	449,000,000
	Independence Boulevard Revitalization	96,000,000
	Corridor Infrastructure - partially funded	117,900,000
	Total Economic Development	\$677,600,000
 <u>Facility Investments</u>		
<u>Police</u>		
2	Steele Creek Division Relocation/Upfit	7,600,000
3	Steele Creek Division - Lake Wylie Boathouse	250,000
4	Lake Norman Boathouse	250,000
5	Headquarters Facility Space Planning Study	157,000
6	North Division #2 - New Division Office	7,980,000
7	South Division #2 - New Division Office	7,980,000
8	North Tryon Division Relocation/Upfit	8,379,000
9	Helicopters Replacement	8,250,000
10	Lake Wylie 21 Foot Commander Boat	140,700
11	Firing Range Upgrades	425,850
12	Hickory Grove Division Relocation/Upfit	8,379,000
13	South Division Relocation/Upfit	8,797,951
14	Westover Division Relocation/Upfit	8,797,951
15	Independence Division Relocation/Upfit	3,950,396
16	North Division #2 - New Division Office	7,980,000
	Total	\$79,317,848

FY2010-2014 Capital Investment Plan (Unfunded)

<u>KBU RANK</u>	<u>PROJECT TITLE</u>	<u>5-YEAR TOTAL</u>
	<u>Fire</u>	
1	Fire Station Renovations - partially funded	3,450,000
2	Co-Located Communication Center/Emergency Operations Center	10,967,000
3	Fire Logistics Building	26,142,310
5	Fire Investigations Building	7,279,340
6	Fire Training Ground Improvements	6,063,750
7	Emergency Operation Center (also requested by Police)	41,700,000
8	Infill Fire Stations	21,000,000
9	Opticoms	500,000
10	Annexation Fire Stations - partially funded	41,761,000
11	Children's Safety Village	7,600,000
	Total	\$166,463,400
	 <u>Other</u>	
	Sweden Road Yard Replacement (design and construction)	30,000,000
65	Southeast Street Maintenance Satellite Facility	12,000,000
	Louise Avenue Maintenance Shop Improvements	835,000
	Defensive Driving Course Office/Classroom Facility - partially funded	327,500
	Cemetery Roads Renovation	1,000,000
	Total	\$44,162,500
	 Total Facility Investments	 \$289,943,748
	 Total FY2010-2014 Unfunded Project Requests	 \$1,525,043,748

Note: Project estimates were developed from various sources and have varying levels of accuracy due to different levels of engineering and planning detail to date on the projects. The estimates were developed over the last five years and for the most part do not include inflation factors. Inflation factors for construction and especially real estate are not easily predicted and are highly dependent on the assumed date of construction.

FY2010-2014 Capital Investment Plan (Unfunded)

Reimbursable Water and Sewer Projects

The water and sewer projects listed below are identified in the capital program to allow developers to consider participation in construction of projects.

Project Title	FY10-14
Sewer	
Ramah Creek Trunk Sewer	\$6,000,000
Clarkes Creek to Ramah Church Road	2,900,000
Campus Ridge Rd. Lift Station, Force Main, & Gravity Sewer	2,500,000
Dixon Branch Trunk Sewer Extension	1,600,000
Little Sugar Creek Lift Station	1,500,000
McCullough Branch LS Improvements	1,500,000
Beaver Dam Creek West Branch Outfall	1,300,000
Cane Creek Outfall	1,230,500
North Fork of Crooked Creek	1,100,000
Rocky River (South Prong) to Mayes	1,100,000
Upper Clear Creek Tributary Sewer	1,000,000
Lake Road Trunk Sewer (Matthews)	625,000
Matthews Commons Gravity Sewer	552,600
Beaver Dam Creek Tributary Sewer	500,000
Total Sewer	\$23,408,100

Unfunded Charlotte Area Transit System Projects

Buses - Replacement	\$31,287,733
Buses - Expansion	15,061,268
STS Vans - Replacement	1,389,548
STS Vans - Expansion	248,409
Vanpool Vans - Replacement	569,145
Transit Centers	10,585,317
Park and Ride Lots	3,465,653
Bus Facility Improvements	193,250
Asset Maintenance	4,904,280
Rail and Rail Facilities	3,766,200
Service Vehicles	1,562,800
Revenue Management Equipment	1,889,650
Marketing Equipment	525,000
Safety & Security Equipment	3,505,500
Technology Improvements	9,745,353
South Corridor	27,500,000
North Corridor	302,000,000
Southeast Corridor	11,000,000
Northeast Corridor	513,086,964
Streetcar	311,000,000
Future Years Transitway Planning and Construction	1,972,846
Transit Right of Way	7,500,000
Total Charlotte Area Transit	\$1,262,758,916

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Neighborhoods Tab

HOUSING AND NEIGHBORHOODS

POLICY ASSUMPTIONS

1. To implement a comprehensive Neighborhood Improvement Program, which relies on a coordinated neighborhood approach optimizing total investment; minimizing construction costs and disruption; and, supporting "best practices" for preservation of neighborhoods and the community's quality of life.
2. To implement a neighborhood focus in the development of interdepartmental and agency coordination strategies. Coordination strategies should achieve economies in implementation, continuous methods improvements and linkages in interdepartmental missions.
3. To expand the School and Pedestrian Safety Program.
4. To implement an aggressive program for construction of new residential and thoroughfare sidewalks.
5. To implement a 3-year "vote to reinvest" in neighborhood improvement construction schedules.
6. To implement the Affordable Housing Policy.
7. To continue the emphasis of Community Development Block Grant and HOME Grant funding for housing rehabilitation, economic development loan funds, social service contracts, and program delivery.

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
Housing and Neighborhoods						
<u>Housing</u>						
Affordable Housing	\$5,100,000	\$5,100,000	\$5,100,000	\$100,000	\$100,000	\$15,500,000
Community Dev BLOCK GRANT	5,282,038	5,282,038	5,282,038	5,282,038	5,282,038	26,410,190
Community Dev HOME GRANT	4,051,541	4,051,541	4,051,541	4,051,541	4,051,541	20,257,705
Innovative Housing Program	4,950,322	4,894,903	4,978,446	5,084,444	5,192,563	25,100,678
In Rem Remedy	550,000	550,000	550,000	550,000	550,000	2,750,000
Total Housing	\$19,933,901	\$19,878,482	\$19,962,025	\$15,068,023	\$15,176,142	\$90,018,573
<u>Neighborhoods</u>						
Neighborhood Improvements	10,000,000	10,000,000	7,000,000	9,000,000	9,000,000	45,000,000
Neighborhood Improve. - Boulevard Homes		7,000,000				7,000,000
Eastland Infrastructure	7,600,000					7,600,000
Neighborhood Matching Grants	200,000	200,000	200,000	200,000	200,000	1,000,000
Area Plan Projects	2,500,000	2,500,000	2,500,000	2,500,000		10,000,000
Traffic Calming Program	750,000	1,000,000	1,000,000	1,000,000		3,750,000
Pedestrian and Traffic Safety Program		1,000,000	1,000,000			2,000,000
Sidewalk Program	7,500,000	7,500,000	7,500,000			22,500,000
Total Neighborhoods	\$28,550,000	\$29,200,000	\$19,200,000	\$12,700,000	\$9,200,000	\$98,850,000
TOTAL HOUSING AND NEIGHBORHOOD DEVELOPMENT	\$48,483,901	\$49,078,482	\$39,162,025	\$27,768,023	\$24,376,142	\$188,868,573
HOUSING AND NEIGHBORHOOD DEVELOPMENT REVENUE SUMMARY						
2008 Street Bonds	10,750,000	2,500,000				13,250,000
2010 Street Bonds - To Be Authorized		9,500,000	12,000,000	3,500,000		25,000,000
2008 Neighborhood Bonds	17,600,000	10,000,000				27,600,000
2010 Neighborhood Bonds - TBA		7,000,000	7,000,000	9,000,000	9,000,000	32,000,000
2008 Affordable Housing Bonds	5,000,000					5,000,000
2010 Affordable Housing Bonds - TBA		5,000,000	5,000,000			10,000,000
Pay-As-You-Go Fund	6,110,171	6,130,211	6,213,754	6,319,752	6,427,871	31,201,759
General Fund Contribution	75,459					75,459
Community Dev Block Grant	4,782,038	4,782,038	4,782,038	4,782,038	4,782,038	23,910,190
HOME Grant	2,841,233	2,841,233	2,841,233	2,841,233	2,841,233	14,206,165
Innovative Housing Program Income	225,000	225,000	225,000	225,000	225,000	1,125,000
Community Development Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
HOME Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
Affordable Housing Bonds Program Income	100,000	100,000	100,000	100,000	100,000	500,000
TOTAL REVENUES	\$48,483,901	\$49,078,482	\$39,162,025	\$27,768,023	\$24,376,142	\$188,868,573

Program Category: Housing

Program Title: Affordable Housing Program

The Housing Bond Program provides funding for multi-family rental housing development, homeownership housing development, special needs housing, and land acquisition at transit station areas. The program funds are used to assist low and moderate-income households. The FY2009 City of Charlotte Housing Consolidated Action Plan establishes objectives for the preservation and rehabilitation of the existing housing, developing new rental and homeowner housing, expanding options for special needs populations and reducing barriers to developing and accessing housing. The project was approved by voters in the 2008 referendum for \$10 million and is included in the 2010 referendum for another \$10 million. The program will provide funding of \$5 million for the Boulevard Homes Hope VI project from the 2010 Bond, if approved.



Notes

Account Number: 48101
Appropriations to Date: \$62,913,299
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	5,100,000	5,100,000	5,100,000	100,000	100,000	15,500,000
Equipment						
Other						
Total	5,100,000	5,100,000	5,100,000	100,000	100,000	15,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Housing Bonds	5,000,000	5,000,000	5,000,000			15,000,000
Program Income	100,000	100,000	100,000	100,000	100,000	500,000
Total	5,100,000	5,100,000	5,100,000	100,000	100,000	15,500,000

Operating Budget Impact: This project will not impact the operating budget.

Program Category: Housing

Program Title: Community Development Block Grant

The Community Development Block Grant is a federal award to the City of Charlotte. The grant is used to: assist in relocating individuals and families displaced through housing code enforcement or other local government action, support acquisition and housing development through rehabilitation and new construction, and provide remedial education and after school daycare to low and moderate income children. The City of Charlotte Consolidated Action Plan establishes objectives for preservation/rehabilitation of the existing housing, developing new rental and homeowner housing, expanding options for special needs populations, reducing barriers to developing and accessing housing and supporting self sufficiency.



Notes

Account Number: Fund 6911
Appropriations to Date: \$15,201,042
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Land Acquisition	1,559,040	1,621,381	1,621,381	1,621,381	1,621,381	8,044,564
Construction						
Equipment						
Other	2,722,998	2,660,657	2,660,657	2,660,657	2,660,657	13,365,626
Total	5,282,038	5,282,038	5,282,038	5,282,038	5,282,038	26,410,190

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Community Dev Block Grant	4,782,038	4,782,038	4,782,038	4,782,038	4,782,038	23,910,190
Community Dev Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	5,282,038	5,282,038	5,282,038	5,282,038	5,282,038	26,410,190

Operating Budget Impact: The project contributes \$1.5 million to the Neighborhood Development operating budget.

Program Category: Housing

Program Title: HOME Grant

The HOME (Home Ownership Made Easy) is a federal housing grant. Funding is allocated to the following: new construction, housing rehabilitation, community housing development organizations support, down payment assistance, and home purchase assistance. The City of Charlotte Housing Consolidated Action Plan establishes objectives for preservation and rehabilitation of the existing housing, developing new rental and homeowner housing, expanding options for special needs populations and reducing barriers to developing and accessing housing.



Notes

Account Number: Fund 6910

Appropriations to Date: \$10,431,991

Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	150,000	150,000	150,000	150,000	150,000	750,000
Land Acquisition	846,100	846,100	846,100	846,100	846,100	4,230,500
Construction	2,014,044	2,014,044	2,014,044	2,014,044	2,014,044	10,070,220
Equipment						
Other	1,041,397	1,041,397	1,041,397	1,041,397	1,041,397	5,206,985
Total	4,051,541	4,051,541	4,051,541	4,051,541	4,051,541	20,257,705

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	710,308	710,308	710,308	710,308	710,308	3,551,540
HOME Grant	2,841,233	2,841,233	2,841,233	2,841,233	2,841,233	14,206,165
HOME Grant Program Income	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	4,051,541	4,051,541	4,051,541	4,051,541	4,051,541	20,257,705

Operating Budget Impact: The project contributes \$231,823 to Neighborhood Development's operating budget.

Program Category: Housing

Program Title: Innovative Housing

The Innovative Housing Program provides funding for housing rehabilitation, down payment assistance, housing counseling, rental and utility assistance, and after school daycare. Program funds are used to assist low and moderate income families. The City of Charlotte Housing Consolidated Action Plan establishes objectives for preservation and rehabilitation of existing housing, developing new rental and homeowner housing, expanding options for special needs populations, reducing barriers to developing and accessing housing and supporting self sufficiency.



Notes

Account Number: 38000
Appropriations to Date: \$89,323,698
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	150,000	150,000	150,000	150,000	150,000	750,000
Land Acquisition	790,812	1,040,000	1,040,000	1,040,000	1,040,000	4,950,812
Construction	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	6,250,000
Equipment						
Other	2,759,510	2,454,903	2,538,446	2,644,444	2,752,563	13,149,866
Total	4,950,322	4,894,903	4,978,446	5,084,444	5,192,563	25,100,678

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	4,649,863	4,669,903	4,753,446	4,859,444	4,967,563	23,900,219
Other	75,459					75,459
Program Income	225,000	225,000	225,000	225,000	225,000	1,125,000
Total	4,950,322	4,894,903	4,978,446	5,084,444	5,192,563	25,100,678

Operating Budget Impact: The project does not impact the operating budget.

Program Category: Housing

Program Title: In Rem Remedy

The project provides funding to preserve the City's existing housing stock or eliminate deteriorated housing when the owner fails to comply with the housing code ordinance. The funds are used to repair or demolish housing units that are a blighting influence on the neighborhood. A lien is placed on the property to potentially recover the cost of the property improvements or demolition cost.



Notes

Account Number: 37710
Appropriations to Date: \$7,948,303
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	550,000	550,000	550,000	550,000	550,000	2,750,000
Total	550,000	550,000	550,000	550,000	550,000	2,750,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	550,000	550,000	550,000	550,000	550,000	2,750,000
Total	550,000	550,000	550,000	550,000	550,000	2,750,000

Operating Budget Impact: The In Rem project contributes \$60,000 to the Code Enforcement Operating Budget.

Neighborhoods



Program Category: Neighborhoods

Program Title: Neighborhood Improvement Program

The Neighborhood Improvement Program provides funding for reconstructed and new infrastructure in older neighborhoods. Project improvements include: sidewalks, curb and gutters, street trees, street lights, storm drainage and landscape improvements. This program is funded with \$25 million approved by voters in 2008 and \$25 million planned for 2010.



Notes

Account Number: 47800
Appropriations to Date: \$60,469,226
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000	1,000,000	700,000	900,000	900,000	4,500,000
Land Acquisition						
Construction	9,000,000	9,000,000	6,300,000	8,100,000	8,100,000	40,500,000
Equipment						
Other						
Total	10,000,000	10,000,000	7,000,000	9,000,000	9,000,000	45,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Neighborhood Bonds	10,000,000	10,000,000	7,000,000	9,000,000	9,000,000	45,000,000
Total	10,000,000	10,000,000	7,000,000	9,000,000	9,000,000	45,000,000

Operating Budget Impact: Staff costs are included in the funding schedule.

Program Category: Housing

Program Title: In Rem Remedy

The project provides funding to preserve the City's existing housing stock or eliminate deteriorated housing when the owner fails to comply with the housing code ordinance. The funds are used to repair or demolish housing units that are a blighting influence on the neighborhood. A lien is placed on the property to potentially recover the cost of the property improvements or demolition cost.



Notes

Account Number: 37710
Appropriations to Date: \$7,948,303
Estimated Balance June 30, 2009: 0

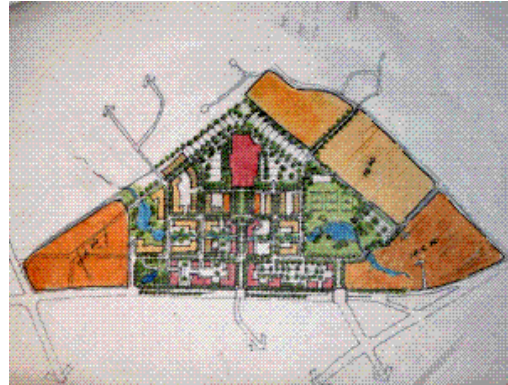
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	550,000	550,000	550,000	550,000	550,000	2,750,000
Total	550,000	550,000	550,000	550,000	550,000	2,750,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	550,000	550,000	550,000	550,000	550,000	2,750,000
Total	550,000	550,000	550,000	550,000	550,000	2,750,000

Operating Budget Impact: The In Rem project contributes \$60,000 to the Code Enforcement Operating Budget.

Program Category: Neighborhoods
Program Title: Eastland Infrastructure

This project includes infrastructure investments in a mixed-use redevelopment of Eastland Mall. Implementation of the Urban Land Institute (ULI) redevelopment plan will require planning to initiate, review, and approve the proposed mixed-use concept. The project will also require financing to purchase properties and write down by a private development partner. The project is accompanied by a new fire station and a police presence in the new development.



Notes

Account Number: 47483
 Appropriations to Date: \$8,400,000
 Estimated Balance June 30, 2009: \$8,400,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	7,600,000					7,600,000
Equipment						
Other						
Total	7,600,000					7,600,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Neighborhood Bonds	7,600,000					7,600,000
Total	7,600,000					7,600,000

Operating Budget Impact: Economic Development staff will implement the project.

Program Category: Neighborhoods

Program Title: Neighborhood Matching Grants

The program was created in 1993 to provide support to neighborhood organizations undertaking physical improvements, public safety, education, cultural, recreation and organizational training projects. The program is designed to strengthen neighborhood capacity through neighbor participation while undertaking a worthwhile community project.



Notes

Account Number: 47780
Appropriations to Date: \$2,410,000
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	200,000	200,000	200,000	200,000	200,000	1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	200,000	200,000	200,000	200,000	200,000	1,000,000

Operating Budget Impact: This project will not impact the operating budget.

Program Category: Neighborhoods

Program Title: Area Plan Capital Projects

The purpose of this project is to implement infrastructure recommendations included in Council approved area plans. Funding will provide pedestrian enhancements, intersection improvements, vehicular mobility improvements, streetscape and beautification, connectivity, and environmental protection. City Council typically approves three to four area plans each year. Recently adopted plans include Northlake, University City, and Bryant Park.



Notes

Account Number: 25100
Appropriations to Date: \$4,876,000
Estimated Balance June 30, 2009: \$2,400,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000	500,000	500,000	500,000		2,000,000
Land Acquisition						
Construction	2,000,000	2,000,000	2,000,000	2,000,000		8,000,000
Equipment						
Other						
Total	2,500,000	2,500,000	2,500,000	2,500,000		10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	2,500,000	2,500,000	2,500,000	2,500,000		10,000,000
Total	2,500,000	2,500,000	2,500,000	2,500,000		10,000,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Neighborhoods

Program Title: Pedestrian and Traffic Safety Program

This program provides school safety improvements and pedestrian and traffic safety initiatives as part of City Council's Pedestrian and Traffic Safety Strategic Plan. The program also implements pedestrian improvement plans. Safety initiatives include: school crossing signals, new crosswalk lighting systems, raised crosswalk areas, countdown pedestrian signals, pedestrian refuge islands, raised reflective pavement markers, and other improvements.



Notes

Account Number: 47472
Appropriations to Date: \$9,280,000
Estimated Balance June 30, 2009: \$2,500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		100,000	100,000			200,000
Land Acquisition						
Construction		900,000	900,000			1,800,000
Equipment						
Other						
Total		1,000,000	1,000,000			2,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		1,000,000	1,000,000			2,000,000
Total		1,000,000	1,000,000			2,000,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Neighborhoods
Program Title: Traffic Calming Program

This program provides funding for new traffic control devices or other "traffic calming" improvements (speed humps, circles and other innovative neighborhood traffic control devices). Need is based on neighborhood requests to control travel speeds through neighborhoods.



Notes

Account Number: 47700
 Appropriations to Date: \$3,179,220
 Estimated Balance June 30, 2009: \$978,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	750,000	1,000,000	1,000,000	1,000,000		3,750,000
Equipment						
Other						
Total	750,000	1,000,000	1,000,000	1,000,000		3,750,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	750,000	1,000,000	1,000,000	1,000,000		3,750,000
Total	750,000	1,000,000	1,000,000	1,000,000		3,750,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Neighborhoods
Program Title: Sidewalk Construction Program

This program provides for the construction of new sidewalks throughout the City, as well as Americans with Disabilities Act modifications. Need is determined by surveys of the roadway networks along thoroughfares and residential streets. The current policy states that every thoroughfare should ultimately have sidewalk on both sides, while residential streets should have sidewalk on at least one side. Sidewalks are prioritized for construction based on a fifteen-point criteria approved by City Council. The program is needed to encourage pedestrian use, improve safety, and to provide connections within the existing sidewalk network.



Notes

Account Number: 33100
 Appropriations to Date: \$68,748,747
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	750,000	750,000	750,000			2,250,000
Land Acquisition	750,000	750,000	750,000			2,250,000
Construction	6,000,000	6,000,000	6,000,000			18,000,000
Equipment						
Other						
Total	7,500,000	7,500,000	7,500,000			22,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	7,500,000	7,500,000	7,500,000			22,500,000
Total	7,500,000	7,500,000	7,500,000			22,500,000

Operating Budget Impact: The budget includes separate programs for sidewalk and curb and gutter maintenance.

Transportation Tab

TRANSPORTATION

POLICY ASSUMPTIONS

1. To implement the Transportation Action Plan (adopted 2006).
2. To implement the 2025 Transit/Land Use Plan and Centers and Corridors Plan (adopted 1998).
3. Advancement of the 2030 Transit Corridor Plan.
4. To schedule road construction for the least disruption of traffic flow.
5. Where feasible, improvements to the local thoroughfare system should be achieved through public/private cooperative efforts.
6. To implement roadway projects such that construction is paired with a strategy to ensure the viability of the adjacent land use or to eliminate land use conflicts.
7. To prioritize roadway projects based on the following 10 CIP criteria:
 - reduce congestion
 - improve safety
 - support rapid and express bus transit
 - increase accessibility to uptown and other economic centers
 - improve connectivity
 - provide multimodal options
 - support "fragile" and "threatened" neighborhoods
 - improve intermodal connectivity
 - provide positive cost-effectiveness
8. To prioritize, design, construct, and maintain convenient and efficient transportation facilities and to improve safety and neighborhood livability, promote transportation choices, and meet land use objectives.
9. To review and update transportation needs and funding assumptions annually to determine if the City is "keeping pace".
10. To implement a 3-year "vote to drive" road construction schedule.
11. To maximize cost sharing opportunities through our Federal and State funding partners.
12. To consider funding State road projects on a case-by-case basis.

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
TRANSPORTATION						
<u>Roads</u>						
Bridge Program	\$1,000,000	\$1,000,000	\$1,000,000			\$3,000,000
Farm-to-Market Road Improvement Program:						
Rea Road Upgrade (Colony Rd to NC 51)	5,100,000	13,200,000				18,300,000
Oakdale Road Improvements		8,000,000				8,000,000
Robinson Church Road Improvements		2,500,000				2,500,000
Johnston-Oehler Road Improvements		3,100,000	11,200,000			14,300,000
Tyvola Road (Yorkmont to Tryon)		1,500,000				1,500,000
Minor Roadway Improvement Program	750,000	750,000	750,000			2,250,000
Intersection Improvements Program:						
Ballantyne Commons/Elm Lane		7,200,000				7,200,000
Scaleybark/South Boulevard		2,000,000				2,000,000
Public-Private Participation Program	1,500,000	3,000,000	3,000,000			7,500,000
Thoroughfare and Street Projects:						
Beatties Ford (Capps Hill Mine to Sunset)		3,900,000	9,100,000			13,000,000
Brevard and Eighth Street Improvements		5,500,000				5,500,000
Idlewild Rd (Piney Grove-Drifter Lane)		8,000,000				8,000,000
Statesville Rd Widening (Starita to Keith)	22,300,000					22,300,000
Center City Transportation Plan	2,500,000	2,000,000	2,000,000			6,500,000
NE Corridor: Access Improvements		6,500,000				6,500,000
State Highway Participation Program	1,500,000	1,500,000	1,500,000			4,500,000
Street Connectivity Program	2,000,000	2,000,000	2,000,000			6,000,000
Traffic Control Devices Upgrade Program	2,000,000	2,000,000	2,000,000			6,000,000
Traffic Flow Enhancement Program (arterial signal system coordination)	2,500,000	2,500,000	2,500,000			7,500,000
Bicycle Program	500,000	1,000,000	1,000,000			2,500,000
Railroad Crossing Improvements	500,000					500,000
Sidewalk and Curb and Gutter Repairs	550,000	550,000	550,000	550,000	550,000	2,750,000
Road Planning/Design/ROW	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288
Brevard Street Improvements	8,500,000					8,500,000
Stonewall Street Improvements	6,500,000					6,500,000
Shopton Road West	1,200,000					1,200,000
Total Roads	\$60,133,896	\$78,989,422	\$37,947,446	\$1,958,081	\$2,021,443	\$181,050,288
<u>Charlotte Area Transit System</u>						
Buses - Replacement	\$5,196,921	\$8,967,142	\$8,185,599	\$9,498,316	\$12,883,317	\$44,731,295
STS Vans - Replacement	531,563	1,840,455	1,991,545	1,966,003	2,108,280	8,437,846
Vanpool Vans - Replacement			387,500	156,162	284,090	827,752
Vanpool Vans - Expansion	284,090				537,631	821,721
Davidson BOD Facility Renovation/Expansion	6,442,578					6,442,578
Transit Centers	493,320	504,459	1,064,413			2,062,192
Park and Ride Lots	2,068,312	3,355,998	3,250,000			8,674,310
Bus Facility Improvements	2,523,749	395,516	620,175	763,080	765,645	5,068,165
Asset Maintenance	1,650,720	833,750	1,667,938	927,584	937,714	6,017,706
Preventive Maintenance	3,590,632	1,994,348	2,353,452	2,951,220	1,812,850	12,702,502
Rail and Rail Facilities	825,000	680,000	740,000	800,000	550,000	3,595,000
Service Vehicles				657,200	56,750	713,950
Revenue Management Equipment			580,000		280,000	860,000
Marketing Equipment					65,000	65,000
Safety & Security Equipment	909,050	1,100,000	1,200,000	1,300,000	1,357,500	5,866,550
Technology Improvements	608,050	601,328	487,607			1,696,985
Future Corridor Planning and Construction	31,849,257	22,621,626	20,000,000	42,779,732	44,678,304	161,928,919
Charlotte Multimodal Station	2,166,511	6,000,000	6,000,000			14,166,511
Transit Bridge Program	200,000	100,000	200,000	100,000	200,000	800,000
Total Charlotte Area Transit	\$59,339,753	\$48,994,622	\$48,728,229	\$61,899,297	\$66,517,081	\$285,478,982
Total Transportation	\$119,473,649	\$127,984,044	\$86,675,675	\$63,857,378	\$68,538,524	\$466,529,270

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
TRANSPORTATION REVENUE SUMMARY						
Prior Street Bonds	\$500,000					\$500,000
2008 Street Bonds	41,650,000	13,200,000				54,850,000
2010 Street Bonds - To Be Authorized		63,950,000	36,050,000			100,000,000
Pay-As-You-Go Fund	1,783,896	1,839,422	1,897,446	1,958,081	2,021,443	9,500,288
NCDOT	1,200,000					1,200,000
Sale of Land (I-277 Interchange)	15,000,000					15,000,000
Federal Transit Grants	30,909,250	24,903,647	26,161,203	33,904,222	36,360,236	152,238,558
Federal Congestion/Air Quality Grant	2,104,000	2,520,000	3,520,000	920,000	920,000	9,984,000
Homeland Security Grant	400,000	1,100,000	1,200,000	1,300,000	1,350,000	5,350,000
NCDOT Transit Grants	14,292,912	6,680,993	6,690,304	11,569,449	12,329,303	51,562,961
CATS Operating Budget Contribution	11,633,591	13,789,982	11,156,722	14,205,626	15,557,542	66,343,463
TOTAL REVENUES	\$119,473,649	\$127,984,044	\$86,675,675	\$63,857,378	\$68,538,524	\$466,529,270

Program Category: Transportation Programs

Program Title: Bridge Program

This program provides for the timely inspection, repair, and replacement of substandard bridges throughout the City. The program's purpose is to maintain a safe bridge system by repairing and replacing bridges that do not meet structural capacity and width standards. Locations for bridge repairs and replacements are identified through the State's biennial inspection program and by City annexations. There are currently 93 bridges in the city.



Notes

Account Number: 24800
Appropriations to Date: \$16,011,923
Estimated Balance June 30, 2009: \$5,403,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000	200,000	200,000			600,000
Land Acquisition						
Construction	800,000	800,000	800,000			2,400,000
Equipment						
Other						
Total	1,000,000	1,000,000	1,000,000			3,000,000

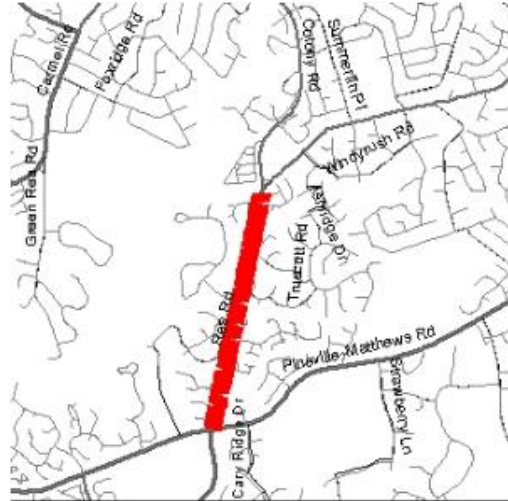
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	1,000,000	1,000,000	1,000,000			3,000,000
Total	1,000,000	1,000,000	1,000,000			3,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Thoroughfares

Program Title: Farm-to-Market: Rea Road Upgrade

This project will improve Rea Road from Colony Road south to NC51. Once the Colony Road project is completed the combined volume of Rea Road and Colony Road significantly increase traffic for the existing two-lane roadway. This project requires reconstruction of Rea Road to address several sight distance problems particularly at the top of hills.



Notes

Account Number: 24908
 Appropriations to Date: \$4,194,958
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition	5,100,000					5,100,000
Construction		13,200,000				13,200,000
Equipment						
Other						
Total	5,100,000	13,200,000				18,300,000

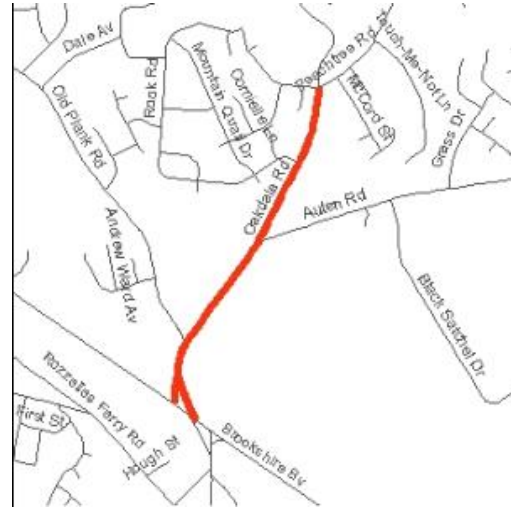
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	5,100,000	13,200,000				18,300,000
Total	5,100,000	13,200,000				18,300,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Local Roads

Program Title: Farm-to-Market: Oakdale Road Improvements

This project will upgrade Oakdale Road from Brookshire Boulevard to Peachtree Road to urban street standards. The road provides for north-south traffic in northwestern Mecklenburg County. The road improvements are scheduled for the 2010 bond referendum. Construction cost estimates have been increased by \$2 million due to updated cost information.



Notes

Account Number: 47411
 Appropriations to Date: \$400,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		1,500,000				1,500,000
Land Acquisition		1,500,000				1,500,000
Construction		5,000,000				5,000,000
Equipment						
Other						
Total		8,000,000				8,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		8,000,000				8,000,000

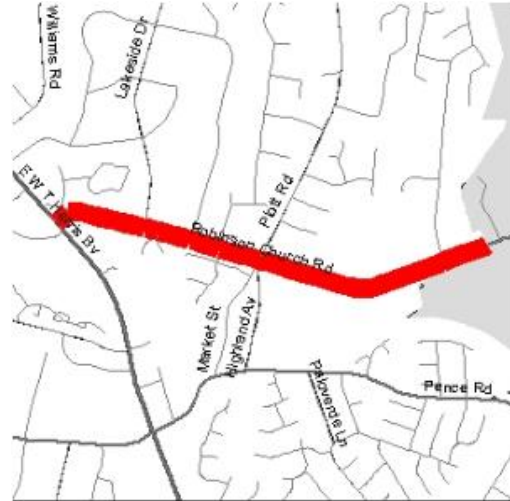
Total 8,000,000 8,000,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Local Roads

Program Title: Farm-to-Market: Robinson Church Road Improvements

This project will upgrade Robinson Church Road from Harris Boulevard to the city limits. The roadway is currently a farm-to-market road and needs to be updated to urban street standards for improved safety and traffic flow in the eastern part of the city.



Notes

Account Number: 47414
 Appropriations to Date: \$400,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		2,500,000				2,500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total		2,500,000				2,500,000

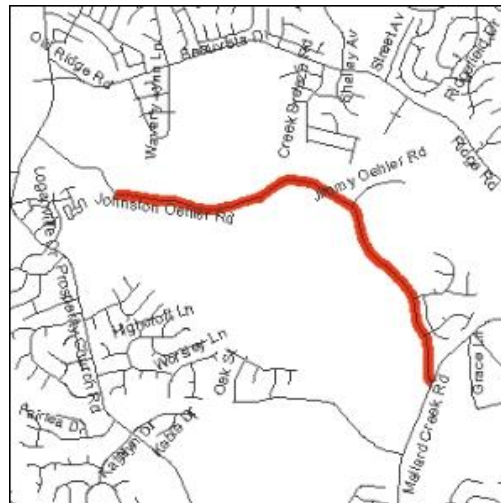
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		2,500,000				2,500,000
Total		2,500,000				2,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Local Roads

Program Title: Farm-to-Market: Johnston-Oehler Road Improvements

This project will upgrade Johnston-Oehler Road from Prosperity Ridge to Mallard Creek to urban street standards for improved safety and traffic flow in the northeastern part of the city. The project is scheduled for the 2010 bond referendum.



Notes

Account Number: 47416
 Appropriations to Date: \$300,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		3,100,000				3,100,000
Land Acquisition			3,700,000			3,700,000
Construction			7,500,000			7,500,000
Equipment						
Other						
Total		3,100,000	11,200,000			14,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		3,100,000	11,200,000			14,300,000

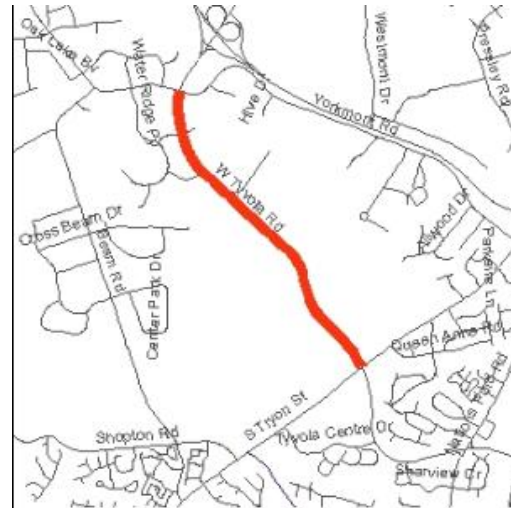
Total		3,100,000	11,200,000			14,300,000
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Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Local Roads

Program Title: Farm-to-Market: Tyvola Road (Yorkmont to Tryon)

This project will upgrade a road that does not meet urban street standards in terms of lane and shoulder width. The project extends from Yorkmont Road to South Tryon Street. Improvements to the road will enhance traffic flow and safety. This project is Phase I of III and is included in the 2010 bond referendum.



Notes

Account Number: 47415
 Appropriations to Date: \$400,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		1,500,000				1,500,000
Equipment						
Other						
Total		1,500,000				1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		1,500,000				1,500,000
Total		1,500,000				1,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Transportation Programs
Program Title: Minor Roadway Improvement Program

This program provides relatively low-cost improvements to the roadway system that increase traffic capacity and reduce accidents. The program provides small-scale safety improvements, turn lanes at intersections, widening of roads that have been partially widened through the subdivision process, and construction of additional intermittent lanes to allow for uninterrupted traffic flow where left turns are frequent. The program is needed to relieve traffic congestion, improve safety, and reduce energy consumption by providing "quick fix" and longer-term solutions to traffic problems where applicable.



Notes

Account Number: 24500
 Appropriations to Date: \$15,587,291
 Estimated Balance June 30, 2009: \$3,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	75,000	75,000	75,000			225,000
Land Acquisition	75,000	75,000	75,000			225,000
Construction	600,000	600,000	600,000			1,800,000
Equipment						
Other						
Total	750,000	750,000	750,000			2,250,000

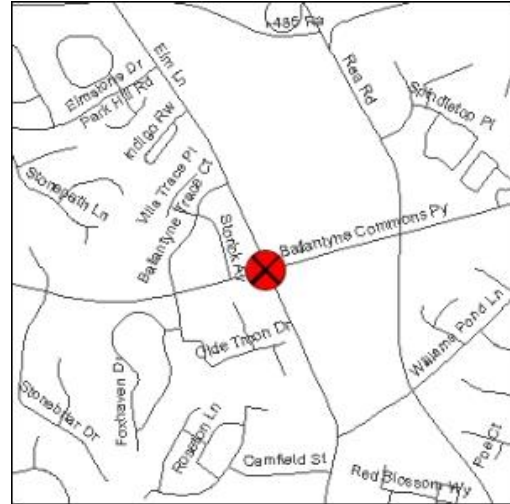
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	750,000	750,000	750,000			2,250,000
Total	750,000	750,000	750,000			2,250,000

Operating Budget Impact: The operating budget will not be impacted.

Program Category: Intersections

Program Title: Ballantyne Commons/Elm Lane

This project will improve travel conditions for vehicles, pedestrians, bicyclists, and transit users at this intersection. The project is included in the 2010 bond referendum.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		1,800,000				1,800,000
Land Acquisition		1,800,000				1,800,000
Construction		3,600,000				3,600,000
Equipment						
Other						
Total		7,200,000				7,200,000

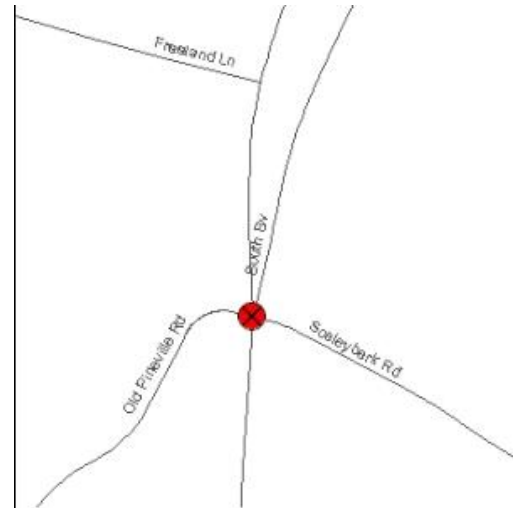
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		7,200,000				7,200,000
Total		7,200,000				7,200,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Intersections

Program Title: Scaleybark Rd./South Boulevard

In conjunction with planned development of the adjacent properties, this project will provide a new crossing of the Lynx line at the intersection of Freeland Lane and South Blvd. This access point was eliminated during construction of the Lynx line and will be re-established by this new crossing. This crossing is needed for the Scaleybark station area redevelopment. The project is included in the 2010 bond referendum.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		2,000,000				2,000,000
Equipment						
Other						
Total		2,000,000				2,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		2,000,000				2,000,000
Total		2,000,000				2,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Transportation Programs
Program Title: Public-Private Participation Program

This program provides funding for projects that maximize the benefits of developer-required improvements to the road system. During the development process, opportunities arise to have a project improved beyond what can normally be required from a developer. This program allows developers and the City to cost-share in these improvements. Need is based on proceeding with road improvements where development is occurring such that thoroughfares are developed in a timely manner and in accordance with planned alignment.



Notes

Account Number: 28100
 Appropriations to Date: \$2,729,800
 Estimated Balance June 30, 2009: \$1,500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	1,500,000	3,000,000	3,000,000			7,500,000
Equipment						
Other						
Total	1,500,000	3,000,000	3,000,000			7,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	1,500,000	3,000,000	3,000,000			7,500,000
Total	1,500,000	3,000,000	3,000,000			7,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Thoroughfares

Program Title: Beatties Ford Road (Capps Hill Mine to Sunset)

This project extends the four-lane, median-divided cross-section of Beatties Ford Road from its current end at Capps Hill Mine Road north to Sunset Road. The project will support and respond to growth in the North Transit Corridor and provide an alternative to congestion on I-77. The need for the project is based on traffic congestion and system continuity. The roadway handles up to 19,400 vehicles per day and its current daily design capacity is 12,000 vehicles per day.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		1,300,000				1,300,000
Land Acquisition		2,600,000				2,600,000
Construction			9,100,000			9,100,000
Equipment						
Other						
Total		3,900,000	9,100,000			13,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		3,900,000	9,100,000			13,000,000
Total		3,900,000	9,100,000			13,000,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Transportation Programs
Program Title: Brevard and Eighth Street Improvements

This project provides improvements to Brevard and Eighth Street in conjunction with the construction of an uptown satellite of the UNC - Charlotte educational campus. The improvements include raising the roadway and providing for underground utilities. The project is included in the proposed 2010 bond referendum.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		5,500,000				5,500,000
Equipment						
Other						
Total		5,500,000				5,500,000

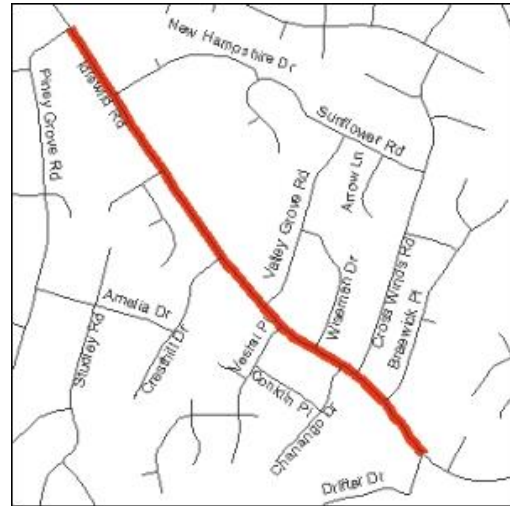
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		5,500,000				5,500,000
Total		5,500,000				5,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Thoroughfares

Program Title: Idlewild Road Widening (Piney Grove to Drifter)

This project will widen Idlewild Road to 4 lanes between Piney Grove Road to Drifter Lane (0.8 miles). The need for this project is based on traffic congestion. The roadway currently handles up to 30,500 vehicles per day. This volume exceeds the road's daily design capacity of 12,000 vehicles. The project is included in the 2010 bond referendum.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		1,500,000				1,500,000
Land Acquisition		1,500,000				1,500,000
Construction		5,000,000				5,000,000
Equipment						
Other						
Total		8,000,000				8,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		8,000,000				8,000,000

Total		8,000,000				8,000,000
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Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Thoroughfares

Program Title: Statesville Rd. Widening (Starita to Keith)

This project will construct a four-lane, median-divided cross-section for Statesville Road from Starita Road to Keith Drive (2.0 miles). The project will support and respond to growth in the North Transit Corridor and provide an alternative to the congestion on I-77 for motorists in the Corridor. Additionally, the road fills the gap between two City projects already completed (Statesville Ave. Widening & Old Statesville Rd. Widening). The project is included in the 2008 bond referendum.



Notes

Account Number: 24907

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	22,300,000					22,300,000
Equipment						
Other						
Total	22,300,000					22,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	22,300,000					22,300,000
Total	22,300,000					22,300,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Transportation Programs
Program Title: Center City Transportation Plan

This program supports the Center City Transportation Study (CCTS), which was developed as the implementation program for several initiatives: Center City 2010 Vision Plan, master plans and vision plans for First, Second, and Third Wards, 2025 Transit System Plan, and several facility plans and initiatives. Key objectives of the CCTS are to develop and implement transportation strategies to maximize economic development opportunities and accommodate increased employment in the center city. The program includes pedestrian, bicycle, vehicular and transit systems within the center city.



Notes

Account Number: 49500
 Appropriations to Date: \$4,100,000
 Estimated Balance June 30, 2009: \$2,250,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	300,000	300,000	300,000			900,000
Land Acquisition						
Construction	2,200,000	1,700,000	1,700,000			5,600,000
Equipment						
Other						
Total	2,500,000	2,000,000	2,000,000			6,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	2,500,000	2,000,000	2,000,000			6,500,000
Total	2,500,000	2,000,000	2,000,000			6,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Transportation Programs
Program Title: NE Corridor: Access Improvements

This program provides funds for access improvements at light rail stations along the northeast corridor. This program is similar to the investments made along the south corridor and includes signalized intersections, lighting, sidewalk, landscaping, streetscape, pedestrian safety improvements, and other infrastructure needed to facilitate access to transit stations. The program is included in the 2010 bond referendum. It is anticipated that the final budget for this program will exceed \$50 million.



Notes

Account Number: 48300
 Appropriations to Date: \$10,500,000
 Estimated Balance June 30, 2009: \$10,500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		6,500,000				6,500,000
Equipment						
Other						
Total		6,500,000				6,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		6,500,000				6,500,000
Total		6,500,000				6,500,000

Operating Budget Impact: *The operating budget impact has not been determined.*

Program Category: Transportation Programs
Program Title: State Highway Participation Program

This program provides for review of State road projects and ensures conformance with City standards in terms of sidewalk, landscaping, lighting, and other amenities. NCDOT does not provide sidewalks on both sides of thoroughfares and does not provide a level of landscaping commensurate with City road projects. In addition, there is an identified need to improve street lighting along several thoroughfares.



Notes

Account Number: 28150
 Appropriations to Date: \$7,913,442
 Estimated Balance June 30, 2009: \$1,500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	1,500,000	1,500,000	1,500,000			4,500,000
Equipment						
Other						
Total	1,500,000	1,500,000	1,500,000			4,500,000

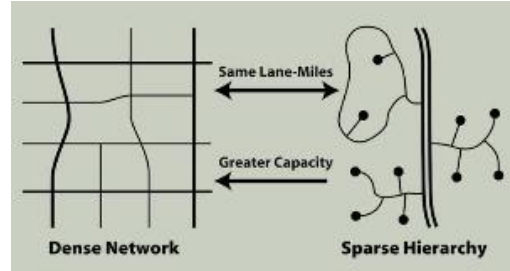
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	1,500,000	1,500,000	1,500,000			4,500,000
Total	1,500,000	1,500,000	1,500,000			4,500,000

Operating Budget Impact: Most agreements with NCDOT require the City to maintain the sidewalks.

Program Category: Transportation Programs

Program Title: Street Connectivity Program

This program will promote the goal of providing better street connectivity throughout the city. The program addresses this goal in two approaches: first, inventory and implement needed street connections within and between neighborhoods; and second, construct new connector and local streets that provide improved access and connectivity as development occurs.



Notes

Account Number: 49460
 Appropriations to Date: \$3,540,000
 Estimated Balance June 30, 2009: \$150,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	300,000	300,000	300,000			900,000
Land Acquisition	300,000	300,000	300,000			900,000
Construction	1,400,000	1,400,000	1,400,000			4,200,000
Equipment						
Other						
Total	2,000,000	2,000,000	2,000,000			6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	2,000,000	2,000,000	2,000,000			6,000,000
Total	2,000,000	2,000,000	2,000,000			6,000,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Transportation Programs
Program Title: Traffic Control Devices Upgrade Program

This program provides funding for scheduled maintenance and replacement of obsolete traffic control devices, such as traffic signals and signs. Need is based on the age of the traffic controllers and the establishment of a program to address replacement on an annual basis. Replacing obsolete traffic controllers and loop detectors is necessary to maintain optimal traffic flow as well as provide a safe travel environment. There are approximately 650 signal-controlled intersections. There is also a need to upgrade traffic signs and markings to meet higher visibility standards.



Notes

Account Number: 26430
 Appropriations to Date: \$7,850,000
 Estimated Balance June 30, 2009: \$3,150,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	2,000,000	2,000,000	2,000,000			6,000,000
Other						
Total	2,000,000	2,000,000	2,000,000			6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	2,000,000	2,000,000	2,000,000			6,000,000
Total	2,000,000	2,000,000	2,000,000			6,000,000

Operating Budget Impact: The project will reduce maintenance costs.

Program Category: Transportation Programs

Program Title: Traffic Flow Enhancement Program (arterial signal system coordination)

This program provides wiring for signal coordination (80% of traffic signals are currently coordinated to allow uninterrupted flow); cameras and computers for real-time traffic surveillance, traffic counts, and travel speed data to system operators; and incident management communication equipment for clearance of motor vehicle accidents, signal outages, traffic control during special events, and assistance to disabled motorists.



Notes

Account Number: 29100
Appropriations to Date: \$11,600,000
Estimated Balance June 30, 2009: \$2,085,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	400,000	400,000	400,000			1,200,000
Land Acquisition						
Construction	1,100,000	1,100,000	1,100,000			3,300,000
Equipment	1,000,000	1,000,000	1,000,000			3,000,000
Other						
Total	2,500,000	2,500,000	2,500,000			7,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	2,500,000	2,500,000	2,500,000			7,500,000

Total	2,500,000	2,500,000	2,500,000			7,500,000
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Operating Budget Impact: The project will not impact the operating budget.

Program Category: Transportation Programs

Program Title: Bicycle Program

This program provides funding to implement projects specified in the Charlotte-Mecklenburg Bicycle Transportation Plan. Bicycle projects include development of an interconnected system of bikeways incorporating on-street and off-street facilities. A top priority is to increase the amount of bike lane mileage on primary roadways, complimented by a connected system of signed bike routes utilizing low volume, low speed streets. When completed, this system will enable efficient and safe bicycle transportation throughout, and will connect sectors of the city.



Notes

Account Number: 47476
Appropriations to Date: \$4,672,500
Estimated Balance June 30, 2009: \$1,750,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	100,000	200,000	200,000			500,000
Land Acquisition						
Construction	400,000	800,000	800,000			2,000,000
Equipment						
Other						
Total	500,000	1,000,000	1,000,000			2,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	500,000	1,000,000	1,000,000			2,500,000
Total	500,000	1,000,000	1,000,000			2,500,000

Operating Budget Impact: The budget supports a Bicycle Planner.

Program Category: Transportation Programs
Program Title: Railroad Crossing Improvements

This program provides for the replacement of railroad crossings by installing modular-type railroad crossing fittings or by providing other types of improvements to increase riding comfort. The program also removes rails at abandoned crossings and provides for the City's share of crossing arms. The intent of this program is to improve riding comfort and increase safety at railroad crossings.



Notes

Account Number: 37200
 Appropriations to Date: \$1,163,663
 Estimated Balance June 30, 2009: \$385,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	500,000					500,000
Equipment						
Other						
Total	500,000					500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Prior Street Bonds	500,000					500,000
Total	500,000					500,000

Operating Budget Impact: The railroad companies provide labor and the City provides inspection and materials.

Program Category: Transportation Programs
Program Title: Sidewalk and Curb and Gutter Repairs

This program provides for sidewalk and curb and gutter maintenance. While the city's network of sidewalks, curbs, and gutters is expanding, existing sidewalks, curbs, and gutters are in need of repairs. This program addresses this need and maintains that infrastructure.



Notes

Account Number: 33105
 Appropriations to Date: \$1,350,000
 Estimated Balance June 30, 2009: \$500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	550,000	550,000	550,000	550,000	550,000	2,750,000
Equipment						
Other						
Total	550,000	550,000	550,000	550,000	550,000	2,750,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	550,000	550,000	550,000	550,000	550,000	2,750,000
Total	550,000	550,000	550,000	550,000	550,000	2,750,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Transportation Programs
Program Title: Road Planning/Design/ROW

This program provides funding for planning, design, and right-of-way acquisition for future road projects. The program need is based on the City achieving a 3-year "vote to drive" initiative where roads are constructed within three years of voter approval.



Notes

Account Number: 47400
 Appropriations to Date: \$3,351,430
 Estimated Balance June 30, 2009: \$300,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288
Land Acquisition						
Construction						
Equipment						
Other						
Total	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288

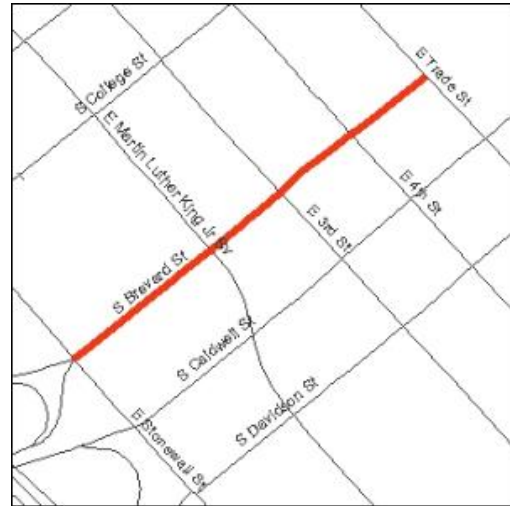
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288
Total	1,233,896	1,289,422	1,347,446	1,408,081	1,471,443	6,750,288

Operating Budget Impact: This project will not impact the operating budget.

Program Category: Local Roads

Program Title: Brevard Street Improvements

This project will convert Brevard Street from one way to two way operation between Martin Luther King, Jr. Boulevard to Trade Street as recommended in the Center City Transportation Plan (2006). The project implements recommendations included in the Brevard Street Land Use Urban Design Study, approved by City Council in February 2008. The project includes street parking, curb extensions, curb and gutter, wider sidewalks, trees, pedestrian scale and decorative lighting, and art.



Notes

Account Number: 47782
 Appropriations to Date: \$1,500,000
 Estimated Balance June 30, 2009: \$900,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition	3,700,000					3,700,000
Construction	4,800,000					4,800,000
Equipment						
Other						
Total	8,500,000					8,500,000

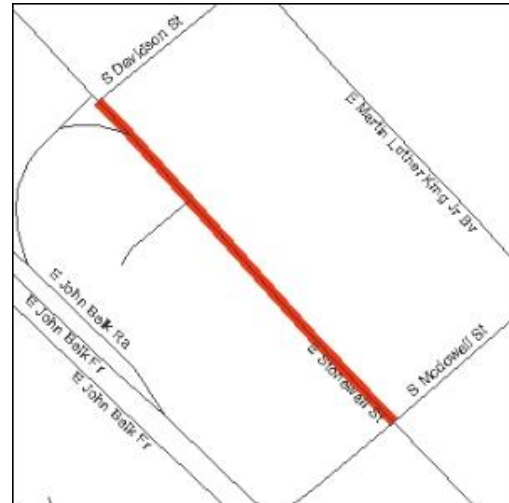
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sale of Land	8,500,000					8,500,000
Total	8,500,000					8,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Local Roads

Program Title: Stonewall Street Improvements

This project will continue the pedestrian and streetscape improvements between McDowell Street and Davidson Street to connect the gateway to uptown between The Metropolitan Development and the NASCAR Hall of Fame/Convention Center. The project will include curb and gutter, wider sidewalks, trees, and pedestrian scale decorative lighting.



Notes

Account Number: 47783
Appropriations to Date: \$500,000
Estimated Balance June 30, 2009: \$100,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	300,000					300,000
Land Acquisition	2,000,000					2,000,000
Construction	4,200,000					4,200,000
Equipment						
Other						
Total	6,500,000					6,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sale of Land	6,500,000					6,500,000
Total	6,500,000					6,500,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: State Funded
Program Title: Shopton Road West

On January 26, 2009 City Council approved a Municipal Agreement with the North Carolina Department of Transportation whereby NCDOT agreed to reimburse the City for road work on Shopton Road West. This project provides for State reimbursement.



Notes

Account Number: 36721

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	1,200,000					1,200,000
Equipment						
Other						
Total	1,200,000					1,200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
State Funding	1,200,000					1,200,000
Total	1,200,000					1,200,000

Operating Budget Impact: The state will continue to maintain the roadway.

Charlotte Area Transit System



Program Category: Transit

Program Title: Buses - Replacement

Project provides for the purchase of replacement buses. Need is based on high maintenance and repair costs associated with older buses. Heavy duty buses are typically replaced every 12 to 14 years. Other buses (cutaways and vans) are typically replaced after 4 to 5 years of service. The fleet currently consists of 343 vehicles. Over the five year period, approximately 128 vehicles are scheduled to be replaced.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000		200,000	200,000	200,000	800,000
Land Acquisition						
Construction						
Equipment	4,888,365	8,856,003	7,985,599	9,298,316	12,683,317	43,711,600
Other	108,556	111,139				219,695
Total	5,196,921	8,967,142	8,185,599	9,498,316	12,883,317	44,731,295

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Congestion Mitigation and Air Quality Grant	1,104,000	920,000	920,000	920,000	920,000	4,784,000
Federal Transit Grants	3,141,022	6,679,129	5,864,447	6,954,002	9,763,554	32,402,154
NCDOT Transit Grants	302,749	643,771	565,248	670,265	941,065	3,123,098
CATS Operating Budget	649,150	724,242	835,904	954,049	1,258,698	4,422,043
Total	5,196,921	8,967,142	8,185,599	9,498,316	12,883,317	44,731,295

Operating Budget Impact: Bus replacements reduce maintenance and repair costs.

Program Category: Transportation Programs

Program Title: STS Vans - Replacement

Project provides for the replacement of Special Transit Service (STS) vans on an average five year replacement schedule. Need is based on avoiding high maintenance cost of older vans and implementation of the Countywide Transit Services Plan. The five year program replaces 101 vans.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	531,563	1,840,455	1,991,545	1,966,003	2,108,280	8,437,846
Other						
Total	531,563	1,840,455	1,991,545	1,966,003	2,108,280	8,437,846

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	462,259	1,527,590	1,652,983	1,631,783	1,749,873	7,024,488
NCDOT Transit Grants	19,512	147,222	159,323	157,280	168,662	651,999
CATS Operating Budget	49,792	165,643	179,239	176,940	189,745	761,359
Total	531,563	1,840,455	1,991,545	1,966,003	2,108,280	8,437,846

Operating Budget Impact: Van replacements reduce maintenance and repair costs.

Program Category: Transit

Program Title: Vanpool Vans - Replacement

Project provides for replacement vanpool vans. Need is based on high maintenance and repair costs associated with older vans. The fleet currently consists of 96 vans. Over the five year period, approximately 37 vans will be replaced.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment			387,500	156,162	284,090	827,752
Other						
Total			387,500	156,162	284,090	827,752

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants				124,930	227,272	352,202
NCDOT Transit Grants				15,616		15,616
CATS Operating Budget			387,500	15,616	56,818	459,934
Total			387,500	156,162	284,090	827,752

Operating Budget Impact: There should be no significant increase in operating costs.

Program Category: Transit

Program Title: Vanpool Vans - Expansion

Project provides for the acquisition of new vanpool vans. Need is based on reducing traffic congestion and improving air quality. The five year plan anticipates the addition of approximately 25 vans.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	284,090				537,631	821,721
Other						
Total	284,090				537,631	821,721

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	227,272				430,105	657,377
CATS Operating Budget	56,818				107,526	164,344
Total	284,090				537,631	821,721

Operating Budget Impact: Additional costs will be incurred for maintenance and repair, fuel, and insurance.

Program Category: Transit

Program Title: Davidson BOD Facility Renovation / Expansion

Project provides for the planning, design and construction of a new STS facility in combination with upgrade of the Davidson Street Bus Operations Division facility. Need is based on providing adequate space for growing STS operations and ensuring that the Davidson Street facility is updated to code.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	6,442,578					6,442,578
Equipment						
Other						
Total	6,442,578					6,442,578

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	5,437,442					5,437,442
NCDOT Transit Grants	524,091					524,091
CATS Operating Budget	481,045					481,045
Total	6,442,578					6,442,578

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Transit

Program Title: Transit Centers

Project provides for the planning, design and construction of transit centers as approved in the Countywide Transit Services Plan. Need is based on providing neighborhood transit hub services and providing access to the transit system for transfers and cross-town travel. Transit centers currently planned for design and/or construction include: CTC Upfit, Freedom/Ashley, Park/Woodlawn, and Freedom/Tuckaseegee Transit Centers.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design			250,000			250,000
Land Acquisition			100,000			100,000
Construction			500,000			500,000
Equipment						
Other	493,320	504,459	181,913			1,179,692
Technology			25,000			25,000
Art-in-Transit			7,500			7,500
Total	493,320	504,459	1,064,413			2,062,192

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
CATS Operating Budget	493,320	504,459	1,064,413			2,062,192

Total	493,320	504,459	1,064,413			2,062,192
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Operating Budget Impact: Additional costs will be incurred for operation and maintenance as new transit centers are completed and opened.

Program Category: Transit

Program Title: Park and Ride Lots

Project provides for park and ride lots to facilitate express and local transit service. Need is based on designated parking areas where commuters can park their vehicles and ride transit services. Current arrangements for park and ride lots are based on right-to-use agreements and are subject to owners' needs and market demands. Development of permanent lots will enhance lot location reliability. Lots are currently planned for development at I-485, Huntersville at Gateway, and Mallard Creek Expansion.

Most Park N Ride lots are not owned by the City, instead operating under right-to-use arrangements. The lots are subject to market demands and interests of the various owners. Loss of park and ride lots result in immediate declines in ridership. This project schedules acquisition and construction of City-owned park and ride lots.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	250,000	850,000	200,000			1,300,000
Land Acquisition		330,000	1,350,000			1,680,000
Construction	1,231,992	1,578,539	1,357,314			4,167,845
Equipment						
Other	493,320	504,459	303,877			1,301,656
Technology	75,000	75,000	30,000			180,000
Art-in-Transit	18,000	18,000	8,809			44,809
Total	2,068,312	3,355,998	3,250,000			8,674,310

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Congestion Mitigation and Air Quality Grant	1,000,000	1,600,000	2,600,000			5,200,000
Federal Transit Grants	654,650	400,000				1,054,650
NCDOT Transit Grants	81,831	250,000	325,000			656,831
CATS Operating Budget	331,831	1,105,998	325,000			1,762,829
Total	2,068,312	3,355,998	3,250,000			8,674,310

Operating Budget Impact: As new park and ride facilities are developed, costs will be incurred.

Program Category: Transit
Program Title: Bus Facility Improvements

Project provides for on-going improvement of the Charlotte Transportation Center, repair and/or replacement of curb areas at bus stops, and the provision of passenger benches, shelters, and bus stop information signs at bus stops. Need is based on maintenance and improvement of infrastructure and providing a customer service friendly environment for the transit rider.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	485,785	36,193	614,175	679,080	745,645	2,560,878
Equipment	1,726,000	38,000	6,000	84,000	20,000	1,874,000
Other	311,964	321,323				633,287
Total	2,523,749	395,516	620,175	763,080	765,645	5,068,165

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	387,828	264,000	170,662	510,838	240,000	1,573,328
NCDOT Transit Grants	48,578	30,000	20,733	21,355	30,000	150,666
CATS Operating Budget	2,087,343	101,516	428,780	230,887	495,645	3,344,171
Total	2,523,749	395,516	620,175	763,080	765,645	5,068,165

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Transit

Program Title: Asset Maintenance

Project provides for the acquisition or replacement of various shop equipment and systems for the South Tryon and Davidson Street Garages. Need is based on ensuring optimal operation of facilities and efficiency of employees.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	1,650,720	833,750	1,667,938	927,584	937,714	6,017,706
Other						
Total	1,650,720	833,750	1,667,938	927,584	937,714	6,017,706

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants			794,350	202,067		996,417
NCDOT Transit Grants	773,382					773,382
CATS Operating Budget	877,338	833,750	873,588	725,517	937,714	4,247,907
Total	1,650,720	833,750	1,667,938	927,584	937,714	6,017,706

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Transit
Program Title: Preventive Maintenance

This project provides for the maintenance of transit vehicles and associated equipment. The project is eligible for federal funding.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	3,590,632	1,994,348	2,353,452	2,951,220	1,812,850	12,702,502
Total	3,590,632	1,994,348	2,353,452	2,951,220	1,812,850	12,702,502

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	2,872,506	215,866	1,882,761	2,360,976	1,450,280	8,782,389
CATS Operating Budget	718,126	1,778,482	470,691	590,244	362,570	3,920,113
Total	3,590,632	1,994,348	2,353,452	2,951,220	1,812,850	12,702,502

Operating Budget Impact: Project provides for the acquisition or replacement of various shop equipment and systems for the South Tryon and Davidson Street Garages. Need is ba

Program Category: Transit
Program Title: Rail and Rail Facilities

Project provides for the acquisition and/or replacement of various shop equipment, vehicles and furniture for the Vehicle Maintenance Facility and Light Rail Transit Maintenance of Way.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	825,000	680,000	740,000	800,000	550,000	3,595,000
Other						
Total	825,000	680,000	740,000	800,000	550,000	3,595,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	440,000	456,000	372,000	124,000		1,392,000
CATS Operating Budget	385,000	224,000	368,000	676,000	550,000	2,203,000
Total	825,000	680,000	740,000	800,000	550,000	3,595,000

Operating Budget Impact: No significant impact to the operating budget is anticipated

Program Category: Transit
Program Title: Service Vehicles

Project provides for the purchase of new and replacement vehicles for staff's use in daily operations. A total of 14 service vehicles are projected for FY2013, with an additional 2 vehicles to be purchased in FY2014.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment				657,200	56,750	713,950
Other						
Total				657,200	56,750	713,950

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants				525,760		525,760
CATS Operating Budget				131,440	56,750	188,190
Total				657,200	56,750	713,950

Operating Budget Impact: While replacement vehicles will reduce maintenance and repair costs, adding vehicles will require resources for operation and maintenance.

Program Category: Transit
Program Title: Revenue Management Equipment

Project provides for the purchase of various revenue equipment to include coin sorters, additional TVMs, TVM Shelters and Fare Zone TVM upgrades.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment			580,000		280,000	860,000
Other						
Total			580,000		280,000	860,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants			464,000			464,000
CATS Operating Budget			116,000		280,000	396,000
Total			580,000		280,000	860,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Equipment
Program Title: Marketing Equipment

This project provides for the purchase of Schedules and Rack Holders as well as those used for Marketing Signs.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment					65,000	65,000
Other						
Total					65,000	65,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
CATS Operating Budget					65,000	65,000
Total					65,000	65,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Transit
Program Title: Safety and Security Equipment

Project provides for the acquisition of equipment to include fencing, railing, parking lot gates, and automatic external defibrillators to name a few. The Transit Security Grant Program (TSGP) provides grant funding to the Charlotte Area Transit Systems to enhance security measures for their critical transit infrastructure including bus and light rail. These grant funds provide for activities such as strengthening infrastructure against explosive attacks, preparedness, planning, equipment purchase, and associated training.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	909,050	1,100,000	1,200,000	1,300,000	1,357,500	5,866,550
Other						
Total	909,050	1,100,000	1,200,000	1,300,000	1,357,500	5,866,550

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	227,600					227,600
CATS Operating Budget	281,450				7,500	288,950
Homeland Security Grant	400,000	1,100,000	1,200,000	1,300,000	1,350,000	5,350,000
Total	909,050	1,100,000	1,200,000	1,300,000	1,357,500	5,866,550

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Transit
Program Title: Technology Improvements

In accordance with the adopted CATS Technology Master Plan, this project provides for the acquisition of computing infrastructure, timekeeping equipment, transit stop inventory, surveillance system enhancements, and other miscellaneous hardware, software, and related services. Project also provides for continued enhancements to various CATS financial and project management systems.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	608,050	601,328	487,607			1,696,985
Other						
Total	608,050	601,328	487,607			1,696,985

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	486,440	481,062				967,502
CATS Operating Budget	121,610	120,266	487,607			729,483
Total	608,050	601,328	487,607			1,696,985

Operating Budget Impact: Additional costs for licenses, renewals, and maintenance will be incurred.

Program Category: Transit

Program Title: Future Corridor Planing and Construction

An On-Board Survey for the Before portion of the Before & After Study must be undertaken in FY12 for the LYNX Blue Line Extension. Additionally, continued Corridor Management Costs and funds for Misc. Contracts associated with Travel Demand Model Forecasts, Socio-economic data collection, On-Board Surveys and other data collection and professional services will be needed throughout the development of the 2030 Transit Corridor System Plan.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	23,740,671	16,421,532	5,847,049	11,986,000	11,986,000	69,981,252
Land Acquisition	2,000,000			27,218,732	28,974,304	58,193,036
Construction						
Equipment			10,715,951			10,715,951
Other	6,108,586	6,200,094	3,437,000	3,575,000	3,718,000	23,038,680
Total	31,849,257	22,621,626	20,000,000	42,779,732	44,678,304	161,928,919

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	15,622,096	10,000,000	10,000,000	21,389,866	22,339,152	79,351,114
NCDOT Transit Grants	12,395,854	5,000,000	5,000,000	10,694,933	11,169,576	44,260,363
CATS Operating Budget	3,831,307	4,291,654		3,778,729	8,146,957	20,048,647
Capital Reserve		3,329,972	5,000,000	6,916,204	3,022,619	18,268,795
Total	31,849,257	22,621,626	20,000,000	42,779,732	44,678,304	161,928,919

Operating Budget Impact: Continued Corridor Management costs and funds for Miscellaneous Contracts associated with Travel Demand Model Forecasts, Socio-economic data collect

Program Category: Rapid Transit

Program Title: Charlotte Multimodal Station

Project provides for the development of a new multi-modal station that will serve local, regional, state and interstate needs. The new "Charlotte Gateway Station" will incorporate commuter intercity passenger rail, local, regional and intercity bus, rental cars, bicycles and pedestrians. Need is based on better serving the increasing number of passengers and accommodating separation of passenger and freight operations.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		3,810,329	5,000,000			8,810,329
Equipment						
Other	2,166,511	2,189,671	1,000,000			5,356,182
Total	2,166,511	6,000,000	6,000,000			14,166,511

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	800,000	4,800,000	4,800,000			10,400,000
NCDOT Transit Grants	100,000	600,000	600,000			1,300,000
CATS Operating Budget	1,266,511		600,000			1,866,511
Capital Reserve		600,000				600,000
Total	2,166,511	6,000,000	6,000,000			14,166,511

Operating Budget Impact: Additional resources will be needed for staffing, operation, and maintenance of the facility when it becomes operational.

Program Category: Transit

Program Title: Transit Bridge Program

Federal Law requires the inspection of all bridges every two years. This program provides capital funds to inspect Bridges, Elevated Platforms and other unique structural elements within the CATS System on a biennial basis. The program also provides funding for corrective actions / repairs in the fiscal year following the inspections and will provide funding for an on-call inspection / engineering evaluation, design and construction to respond to structural emergencies.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	200,000	100,000	200,000	100,000	200,000	800,000
Equipment						
Other						
Total	200,000	100,000	200,000	100,000	200,000	800,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Federal Transit Grants	160,000	80,000	160,000	80,000	160,000	640,000
NCDOT Transit Grants	20,000	10,000	20,000	10,000	20,000	80,000
CATS Operating Budget	20,000		20,000	10,000	20,000	70,000
Capital Reserve		10,000				10,000
Total	200,000	100,000	200,000	100,000	200,000	800,000

Operating Budget Impact: This project will not impact the operating budget.

Economic Development Tab

ECONOMIC DEVELOPMENT

POLICY ASSUMPTIONS

1. To carefully plan and utilize resources to provide for the basic infrastructure of the City, and make funds available for economic development.
2. To be proactive in leveraging private investments to fund innovative solutions to support economic development, including corridor redevelopment, neighborhood revitalization, and preservation.
3. To place a priority on economic development projects, which have the potential to attract and retain higher skill and higher paying employment opportunities.
4. To implement Synthetic Tax Increment Financing as a public/private partnership tool to advance certain ED and land use planning goals.
5. To implement the 2025 Transit/Land Use Plan and Centers and Corridors Plan.
6. To use the Airport Master Plan Update and the Federal Aviation Administration Capacity Enhancement Plan as guides for future capital project development at the airport.

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
ECONOMIC DEVELOPMENT						
<u>Economic Development</u>						
Business Corridors/Pedscape Infrastructure	\$2,300,000	\$2,300,000	\$2,300,000			\$6,900,000
Business Grant Program	400,000	400,000	400,000	400,000	400,000	2,000,000
Business Corridor Revitalization Strategy	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Old Convention Center Redevelopment	550,000					550,000
North Tryon Redevelopment		9,500,000				9,500,000
Reserved for Economic Initiatives	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Streetcar Planning and Design	8,000,000					8,000,000
Synthetic Tax Increment Financing (property taxes)	80,256	104,872	145,924	166,948	183,789	681,789
Total Economic Development	\$15,830,256	\$16,304,872	\$6,845,924	\$4,566,948	\$4,583,789	\$48,131,789
ECONOMIC DEVELOPMENT REVENUE SUMMARY						
Prior Street Bonds	550,000					550,000
2008 Street Bonds	2,300,000					2,300,000
2010 Street Bonds - To Be Authorized		11,800,000	2,300,000			14,100,000
Pay-As-You-Go Fund	10,480,256	2,504,872	2,545,924	2,566,948	2,583,789	20,681,789
Certificates of Participation - TBA	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
TOTAL REVENUES	\$15,830,256	\$16,304,872	\$6,845,924	\$4,566,948	\$4,583,789	\$48,131,789
<u>Aviation</u>						
<u>Airfield Projects</u>						
Third Parallel Runway	\$43,759,496					\$43,759,496
Deicing Facility	20,985,000					20,985,000
Rehabilitation Runway 18R-36L		13,059,200	13,652,800			26,712,000
Wallace Neel Road Relocation	4,913,113					4,913,113
West Boulevard Relocation	7,300,000			6,400,000	3,000,000	16,700,000
Terminal Ramp Expansion (West)		428,400	5,119,800			5,548,200
Storm Drain Rehabilitation - Phase II	4,100,000					4,100,000
Total Airfield Projects	\$81,057,609	\$13,487,600	\$18,772,600	\$6,400,000	\$3,000,000	\$122,717,809
<u>Terminal Complex Projects</u>						
Concourse 'E' Enhancements and Expansions	1,100,000	13,905,000	13,144,000			28,149,000
Concourse 'E' Baggage Transfer Station	650,000	850,000				1,500,000
Concourse 'E' Jet Bridges		5,204,167	5,204,167	5,204,166		15,612,500
Communications Infrastructure	2,284,070	2,284,070	2,284,070			6,852,210
Renovate Baggage Claim Lobby	3,000,000					3,000,000
Terminal Building Expansion (West Side)		2,904,600	7,844,000			10,748,600
Consolidated Fuel Farm Expansion	7,000,000	3,700,000				10,700,000
Security Checkpoint 'E'	5,000,000					5,000,000
Terminal Lobby Expansion		7,500,000	91,250,000	91,250,000	60,000,000	250,000,000
New Hourly Parking Decks	2,250,000	28,687,500	9,562,500			40,500,000
Parking Deck (North)	20,000,000					20,000,000
Public Parking Surface Lot Expansion		2,234,305				2,234,305
Total Terminal Complex	\$41,284,070	\$67,269,642	\$129,288,737	\$96,454,166	\$60,000,000	\$394,296,615

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
<u>Miscellaneous Aviation Projects</u>						
Master Plan Land Acquisition	10,000,000	10,000,000	10,000,000			30,000,000
Noise Compatibility Program		1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Employee Parking Expansion		3,150,000				3,150,000
Master Plan Update	2,000,000					2,000,000
Josh Birmingham Parkway Off-Ramp	550,000					550,000
Storm Water Facilities			2,226,000			2,226,000
Hotel/Unit Terminal Roadway				4,360,000		4,360,000
Airport Entrance Road Connection	9,000,000	25,000,000	14,000,000			48,000,000
Roadway Signage Project	1,750,000					1,750,000
Airport Drive Relocation		1,200,000				1,200,000
Airport Office Relocation	1,500,000					1,500,000
Environmental VALE Project		2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Air Traffic Control Tower	12,000,000	28,000,000				40,000,000
Total Miscellaneous Aviation Projects	\$36,800,000	\$70,350,000	\$29,226,000	\$7,360,000	\$3,000,000	\$146,736,000
<u>General Aviation Projects</u>						
Fixed Base Operator (FBO)Terminal Canopy			1,000,000			1,000,000
FBO Terminal Expansion		247,200	2,925,600			3,172,800
FBO Ramp Expansion		3,090,000				3,090,000
General Aviation Aircraft Maintenance Hangar			3,500,000			3,500,000
Group Hangar #4	3,500,000					3,500,000
GADO Site Redevelopment				2,014,000	3,286,000	5,300,000
Bank of America Hanger Road Relocation	1,500,000					1,500,000
Total General Aviation Projects	\$5,000,000	\$3,337,200	\$7,425,600	\$2,014,000	\$3,286,000	\$21,062,800
<u>Cargo Development Projects</u>						
Cargo Ramp Expansion (Buildings 6 & 7)	4,200,000	2,000,000				6,200,000
Cargo Buildings #8	200,000	2,369,000				2,569,000
Old Terminal Loop Road	2,000,000					2,000,000
Total Cargo Development	\$6,400,000	\$4,369,000				\$10,769,000
<u>Special Facility Projects</u>						
Rental Car Facility Relocation	4,000,000	52,875,000	17,625,000			74,500,000
Total Special Facility	\$4,000,000	\$52,875,000	\$17,625,000			\$74,500,000
TOTAL AVIATION	\$174,541,679	\$211,688,442	\$202,337,937	\$112,228,166	\$69,286,000	\$770,082,224
<u>AVIATION REVENUE SUMMARY</u>						
Revenue Bonds	90,509,222	161,516,542	178,532,887	101,514,166	60,700,000	592,772,817
FAA Grants and Funding	52,520,457	44,233,200	16,379,450	2,300,000	2,300,000	117,733,107
Excluded Cost Centers	8,250,000	5,088,700	7,425,600	2,014,000	3,286,000	26,064,300
State Funding	1,700,000			6,400,000	3,000,000	11,100,000
City Bonds	4,000,000					4,000,000
Dept of Defense Funding	6,912,000					6,912,000
Pay-Go	10,650,000	850,000				11,500,000
TOTAL REVENUES	\$174,541,679	\$211,688,442	\$202,337,937	\$112,228,166	\$69,286,000	\$770,082,224

Program Category: Economic Development

Program Title: Business Corridors/Pedscape Infrastructure

This program includes two projects: business corridor revitalization and pedscape plan implementation. The program focuses on projects that enhance multi-modal functionality and streetscape improvements. Project improvements include sidewalks, new curb and gutter, pedestrian intersection improvements, addition of on-street parking spaces, bicycle facilities, pedestrian-scale lighting, and landscaping. The project is consistent with recommendations included in the Transportation Action Plan and the Economic Development Strategy Plan.



Notes

Account Number: 49300
Appropriations to Date: \$14,658,529
Estimated Balance June 30, 2009: \$4,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	300,000	300,000	300,000			900,000
Land Acquisition						
Construction	2,000,000	2,000,000	2,000,000			6,000,000
Equipment						
Other						
Total	2,300,000	2,300,000	2,300,000			6,900,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	2,300,000	2,300,000	2,300,000			6,900,000
Total	2,300,000	2,300,000	2,300,000			6,900,000

Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Economic Development

Program Title: Business Grant Program

Funds the City's Business Revitalization Programs including the Security, Facade and Infrastructure Grant Programs, Business District Organization Program and the Brownfield Assessment Program. Also funds the Business Equity Loan Fund (formerly CWAC Loan Fund). The program provides a funding source for various initiatives and projects linked to redevelopment of the City's urban core.



Notes

Account Number: 36900
Appropriations to Date: \$6,688,527
Estimated Balance June 30, 2009: \$1,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	400,000	400,000	400,000	400,000	400,000	2,000,000
Total	400,000	400,000	400,000	400,000	400,000	2,000,000

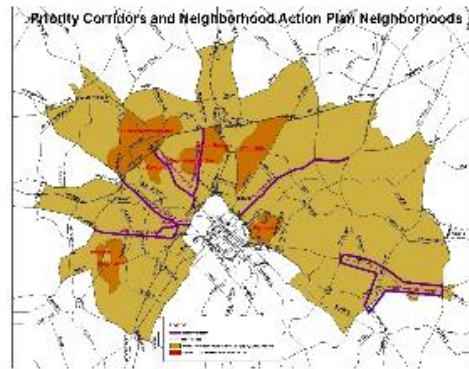
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	400,000	400,000	400,000	400,000	400,000	2,000,000
Total	400,000	400,000	400,000	400,000	400,000	2,000,000

Operating Budget Impact: Economic Development staff implement the project.

Program Category: Economic Development

Program Title: Business Corridor Revitalization Strategy

Project provides funding for business corridor investments including property acquisition, loans, and grants. The purpose of the funding is to stimulate growth and economic development opportunities along business corridors. The priority business corridors are: Eastland, North Tryon, Beatties Ford Road, Rozzelles Ferry Road, and Wilkinson Boulevard/Morehead/Freedom. In addition to this program, the capital program includes \$10.5 million in Reserve for Economic Development Initiatives.



Notes

Account Number: 49319
 Appropriations to Date: \$15,000,000
 Estimated Balance June 30, 2009: \$14,500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Operating Budget Impact: The impact to the operating budget has not been determined.

Program Category: Economic Development

Program Title: Old Convention Center Redevelopment (EpiCentre)

On June 14, 2004, City Council approved the Economic Development and Planning Committee's recommendation authorizing the City Manager to develop an agreement with EpiCentre Associates for \$2.2 million in infrastructure assistance payable for the redevelopment of the Old Convention Center. The contribution is payable over four years, with the first installment appropriated in FY07. FY10 is the final year.



Notes

Account Number: 24945
Appropriations to Date: \$1,650,000
Estimated Balance June 30, 2009: \$1,100,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	550,000					550,000
Total	550,000					550,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	550,000					550,000
Total	550,000					550,000

Operating Budget Impact: This project will not impact the operating budget.

Program Category: Economic Development

Program Title: North Tryon Redevelopment

This project provides public improvements along North Tryon Street from Dalton Avenue to 30th Street. These improvements include curb and gutter, setback of utilities, streetscape, bike lanes, pedestrian crossings and wider sidewalks. The area was reviewed by the Warren Study. North Tryon is a Council priority business corridor. The project is proposed for the 2010 bond referendum.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		500,000				500,000
Land Acquisition		1,000,000				1,000,000
Construction		8,000,000				8,000,000
Equipment						
Other						
Total		9,500,000				9,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds		9,500,000				9,500,000
Total		9,500,000				9,500,000

Operating Budget Impact: The Operating Budget impact has not been determined.

Program Category: Economic Development

Program Title: Reserve for Economic Development Initiatives

This project provides economic development funding for projects designated by Council. The funding is intended as a reserve to facilitate addressing economic development opportunities. The Reserve totaled \$20.0 million in FY09 and has been reduced due to recommended funding of \$9.5 million for North Tryon Street.



Notes

Account Number: 47760

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Total	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
COPs	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Total	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000

Operating Budget Impact: The operating budget impact has not been determined

Program Category: Economic Development

Program Title: Streetcar Planning and Design

This project is under review by the Charlotte Streetcar Advisory Committee. The project is envisioned as a \$457 million, 25-year effort that spans the east/west corridor from Eastland to Beatties Ford Road. Planning and design efforts will position the project for grant funding.



Notes

Account Number: 49344

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	8,000,000					8,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total	8,000,000					8,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Fund Balance	8,000,000					8,000,000
Total	8,000,000					8,000,000

Operating Budget Impact: Streetcar operational costs have not been determined.

Program Category: Economic Development

Program Title: Synthetic Tax Increment Financing (property taxes)

The project represents the proportional amount that the Pay-As-You-Go Fund will pay for ten development agreements: Elizabeth Avenue, Carolina Theatre, Metropolitan (picture at right), Seaboard/ARK Management/NC Music Factory, IKEA, Double Oaks, First Street Development/Cultural Facilities, Wesley Village (Bryant Park), Pope and Land Coliseum, and Merrifield/Radiator Speciality. Projected TIF payments will be updated each year after new tax values are received and project completion status is confirmed.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	80,256	104,872	145,924	166,948	183,789	681,789
Total	80,256	104,872	145,924	166,948	183,789	681,789

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	80,256	104,872	145,924	166,948	183,789	681,789
Total	80,256	104,872	145,924	166,948	183,789	681,789

Operating Budget Impact: The project also has impacts on the General and Debt Service Funds.

Aviation



Program Category: Airfield Projects

Program Title: Third Parallel Runway

The 1997 Master Plan and the FAA Capacity Plan have identified the need for additional capacity at the Airport. This project will meet the need by providing for the construction administration and program management services, relocation of utilities, mitigation of streams and wetlands, concrete pavement, navigational aid systems, and a Crash Fire Rescue Station.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	43,759,496					43,759,496
Equipment						
Other						
Total	43,759,496					43,759,496

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue Bonds	9,211,873					9,211,873
Dept of Defense Funding	6,912,000					6,912,000
FAA Grants and Funding	27,635,623					27,635,623
Total	43,759,496					43,759,496

Operating Budget Impact: This project is not expected to have significant impact to the operating budget.

Program Category: Airfield Projects

Program Title: Deicing Facility

This project will construct a centralized deicing facility on the Airport. The facility will allow for expedited aircraft deicing during inclement weather. The facility will also provide for recovery of glycol used to deice aircraft.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	10,985,000					10,985,000
Equipment	10,000,000					10,000,000
Other						
Total	20,985,000					20,985,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	10,000,000					10,000,000
Airport Revenue Bonds	10,985,000					10,985,000
Total	20,985,000					20,985,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Airfield Projects

Program Title: Rehabilitation of Runway 18R-36L

This project maintains existing airport infrastructure by strengthening the concrete surface of the Runway 18R-36L. The high volume of aircraft operations is causing the concrete to deteriorate. This project will revitalize the structural integrity of the runway.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		13,059,200	13,652,800			26,712,000
Equipment						
Other						
Total		13,059,200	13,652,800			26,712,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		3,264,800	3,413,200			6,678,000
Bonds						
FAA Grants and Funding		9,794,400	10,239,600			20,034,000
Total		13,059,200	13,652,800			26,712,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Airfield Projects

Program Title: Wallace Neel Road Relocation

Wallace Neel Road is located on the west side of the airfield and must be relocated for the construction of the Third Parallel Runway. This project will design and construct a new road to replace the existing road.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	4,913,113					4,913,113
Equipment						
Other						
Total	4,913,113					4,913,113

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	1,228,278					1,228,278
Bonds						
FAA Grants and Funding	3,684,835					3,684,835
Total	4,913,113					4,913,113

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Airfield Projects

Program Title: West Boulevard Relocation

The 1997 Master Plan recommends that the Airport plan for service to the Pacific Rim. In order to accomplish this objective, the existing 10,000-foot runway would require an extension of 2,000 feet to the south. In order to extend the runway, West Boulevard must be relocated. The relocation will allow for the runway extension and continue West Boulevard as a major thoroughfare around the Airport and eventually into Gaston County.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	7,300,000			6,400,000	3,000,000	16,700,000
Equipment						
Other						
Total	7,300,000			6,400,000	3,000,000	16,700,000

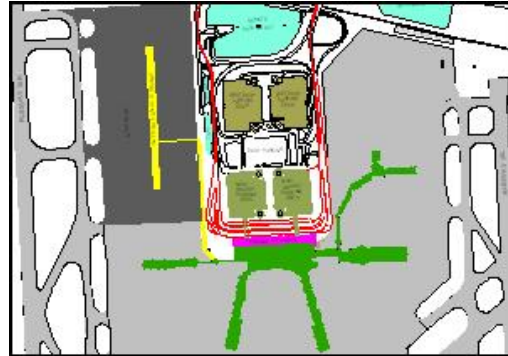
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Street Bonds	4,000,000					4,000,000
Airport Revenue Bonds	125,000					125,000
State Funding	1,700,000			6,400,000	3,000,000	11,100,000
FAA Grants and Funding	1,475,000					1,475,000
Total	7,300,000			6,400,000	3,000,000	16,700,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Airfield Projects

Program Title: Terminal Ramp Expansion West

The 1997 Master Plan recommended additional aircraft parking ramp to accommodate additional aircraft gates in the terminal complex. This project responds to the demand for increased aviation activity and additional air service to the region over time. This project will design additional aircraft ramp that will accommodate a portion of a 25-gate future concourse.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		428,400				428,400
Land Acquisition						
Construction			5,119,800			5,119,800
Equipment						
Other						
Total		428,400	5,119,800			5,548,200

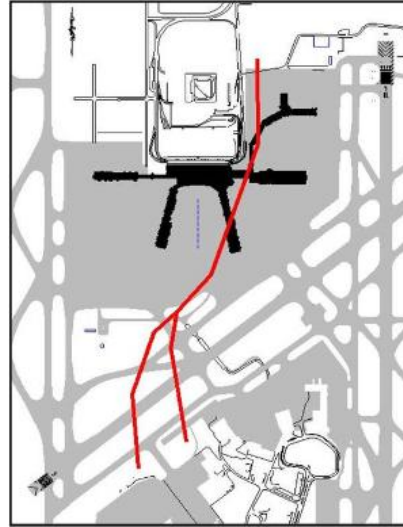
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		107,100	1,279,950			1,387,050
Bonds						
FAA Grants and Funding		321,300	3,839,850			4,161,150
Total		428,400	5,119,800			5,548,200

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Airfield Projects

Program Title: Storm Drain Rehabilitation - Phase II

This project provides for the rehabilitation of a section of two corrugated metal pipes that were installed during the construction of the terminal building over twenty years ago. The Aviation Department conducts periodic inspections of the pipe and has identified a section of each pipe under the aircraft ramp that will need refurbishment.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	4,100,000					4,100,000
Equipment						
Other						
Total	4,100,000					4,100,000

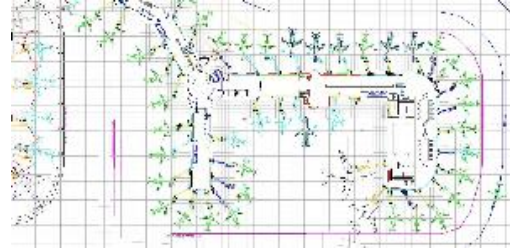
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	1,025,000					1,025,000
Bonds						
FAA Grants and Funding	3,075,000					3,075,000
Total	4,100,000					4,100,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Concourse 'E' Enhancements and Expansion

The 1997 Master Plan identified the need for additional air carrier gates at the Airport. This project responds to a demand for expanded air service by constructing 9 additional gates on Concourse 'E'.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	1,100,000	13,905,000		13,144,000		28,149,000
Equipment						
Other						
Total	1,100,000	13,905,000		13,144,000		28,149,000

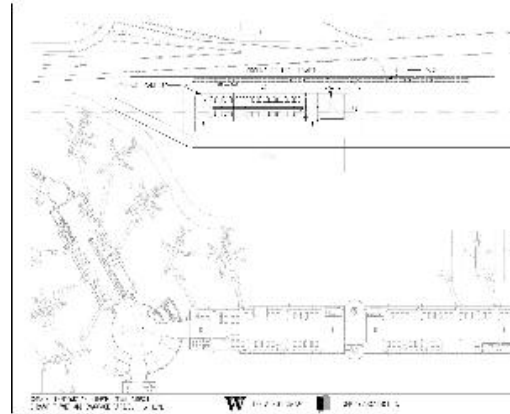
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	1,100,000	13,905,000		13,144,000		28,149,000
Bonds						
Total	1,100,000	13,905,000		13,144,000		28,149,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Concourse 'E' Baggage Transfer Station

As the airport expands Concourse E, the air carriers using that concourse need facilities for transferring bags to the different aircraft. This project will construct a baggage carousel covered by a canopy on the western edge of Ramp E. The project will also construct some breakroom and operational space for the air carriers.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	650,000	850,000				1,500,000
Equipment						
Other						
Total	650,000	850,000				1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	650,000	850,000				1,500,000
Total	650,000	850,000				1,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Concourse 'E' Jet Bridges

This project will procure 42 jet bridges for the gates in Concourse 'E'. This project provides the highest level of customer service to the commuter airline customer, and will be completed in phases as the expansion of the building is completed.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		5,204,167	5,204,167	5,204,166		15,612,500
Equipment						
Other						
Total		5,204,167	5,204,167	5,204,166		15,612,500

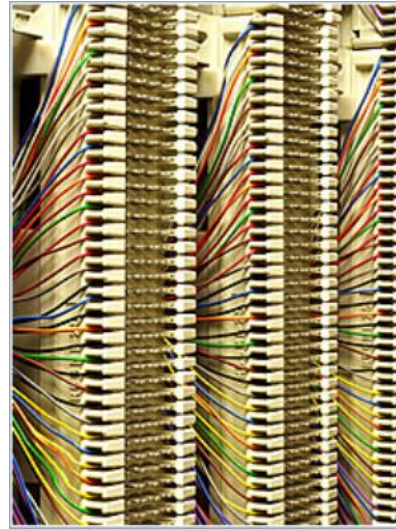
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		5,204,167	5,204,167	5,204,166		15,612,500
Bonds						
Total		5,204,167	5,204,167	5,204,166		15,612,500

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Communications Infrastructure

This project provides additional communications backbone for the terminal building, a wireless communication infrastructure, phone switch upgraded, common-use terminal equipment for the air carriers and a dynamic signage program for the terminal. The project also includes an upgrade to the parking/revenue control system, and an automatic vehicle identification system.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	2,284,070	2,284,070	2,284,070			6,852,210
Other						
Total	2,284,070	2,284,070	2,284,070			6,852,210

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	2,284,070	2,284,070	2,284,070			6,852,210
Bonds						
Total	2,284,070	2,284,070	2,284,070			6,852,210

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects
Program Title: Renovate Baggage Claim Lobby

This project involves the relocation of the bag wall in the baggage claim lobby to provide additional public space and baggage conveyors. The need for this project was identified in a study of the baggage area conducted by the airlines.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	3,000,000					3,000,000
Equipment						
Other						
Total	3,000,000					3,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	3,000,000					3,000,000
Bonds						
Total	3,000,000					3,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects
Program Title: Terminal Building Expansion (West)

This project will be an expansion to the west side of the terminal building that will allow for additional bag make-up space, additional concession area and additional office space. The project is necessitated by the need for additional square footage for various functions.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		2,904,600	7,844,000			10,748,600
Equipment						
Other						
Total		2,904,600	7,844,000			10,748,600

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		2,904,600	7,844,000			10,748,600
Bonds						
Total		2,904,600	7,844,000			10,748,600

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects
Program Title: Consolidated Fuel Farm Expansion

This project provides for the construction of four (4) 30,000 barrel fuel tanks, the installation of new fuel pumps and an extension of a 16" fuel line from Ramp 'E' to the fuel farm which will enhance the delivery of fuel to aircraft on the air carrier ramp. The project will also demolish two (2) 10,000 barrel fuel tanks to make room for two (2) of the four (4) 30,000 barrel tanks.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	7,000,000	3,700,000				10,700,000
Equipment						
Other						
Total	7,000,000	3,700,000				10,700,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	7,000,000	3,700,000				10,700,000
Bonds						
Total	7,000,000	3,700,000				10,700,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Security Checkpoint 'E'

The Airport has experienced tremendous growth over the last three years, which has put a strain on the terminal lobby, including the security checkpoints. This project will construct additional space on the east end of the terminal to house two additional security checkpoint lines. The additional lines will help alleviate some of the congestion during peak times.

Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	5,000,000					5,000,000
Equipment						
Other						
Total	5,000,000					5,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	5,000,000					5,000,000
Bonds						
Total	5,000,000					5,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Terminal Lobby Expansion

The Airport has experienced tremendous growth over the last three years, which has put a strain on the terminal lobby, including the security checkpoints, the ticketing lobby, and baggage claim. This project will expand the terminal lobby to the north to create additional space for these areas, as well as additional circulation space in the lobby. The other major element to this project will be the relocation of the terminal roadway system to accommodate the building expansion.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		7,500,000	91,250,000	91,250,000	60,000,000	250,000,000
Equipment						
Other						
Total		7,500,000	91,250,000	91,250,000	60,000,000	250,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		7,500,000	91,250,000	91,250,000	60,000,000	250,000,000
Bonds						
Total		7,500,000	91,250,000	91,250,000	60,000,000	250,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: New Hourly Parking Decks

This project will provide for the replacement of the two hourly parking decks located in front of the terminal building. The spaces will be co-located with the consolidated rental car facility in a new set of parking decks totalling 7,000 spaces. 2,700 spaces will be dedicated to hourly parking. Replacing the existing parking decks is necessary in order to expand the terminal lobby area for additional ticketing, baggage claim, and security checkpoint space.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	2,250,000	28,687,500	9,562,500			40,500,000
Equipment						
Other						
Total	2,250,000	28,687,500	9,562,500			40,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	2,250,000	28,687,500	9,562,500			40,500,000
Bonds						
Total	2,250,000	28,687,500	9,562,500			40,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects

Program Title: Parking Deck (North)

The airport continues to see significant increases in passenger traffic. This additional traffic requires the airport to provide a significant number of public parking spaces. This project will allow the airport to expand its parking capacity by constructing a new parking deck adjacent to the new airport office building, located at Wilkinson Blvd and Harlee Avenue.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	20,000,000					20,000,000
Equipment						
Other						
Total	20,000,000					20,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	20,000,000					20,000,000
Bonds						
Total	20,000,000					20,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Terminal Complex Projects
Program Title: Public Parking Surface Lot Expansion

The airport continues to see an increase in passenger traffic. This project will allow the airport to expand its surface parking lots to accommodate additional public vehicles



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		2,234,305				2,234,305
Equipment						
Other						
Total		2,234,305				2,234,305

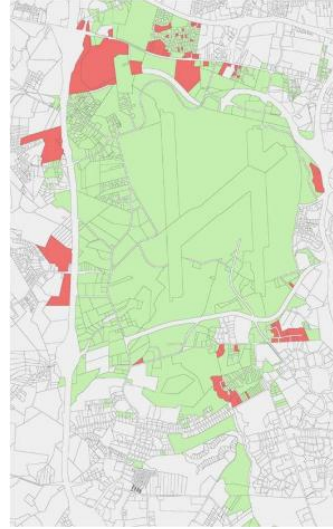
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		2,234,305				2,234,305
Bonds						
Total		2,234,305				2,234,305

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Master Plan Land Acquisition

This project provides for the implementation of the land acquisition for parcels identified in the Airport Master Plan. Land purchased under this program will be used for airport expansion.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition	10,000,000	10,000,000	10,000,000			30,000,000
Construction						
Equipment						
Other						
Total	10,000,000	10,000,000	10,000,000			30,000,000

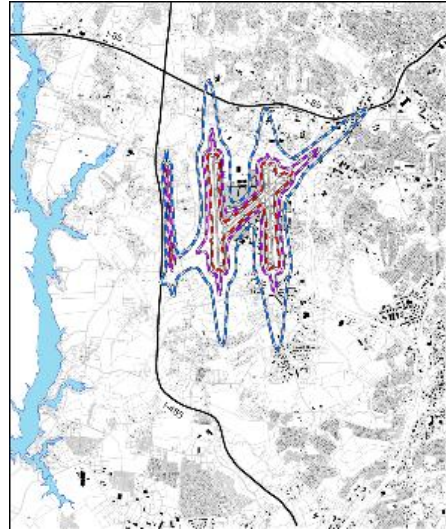
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue Bonds	10,000,000	10,000,000	10,000,000			30,000,000
Total	10,000,000	10,000,000	10,000,000			30,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Noise Compatibility Program

This project provides for implementation of the land acquisition and sound insulation programs as outlined in FAR Part 150 Noise Compatibility Program. The sound insulation program stabilizes and preserves existing neighborhoods. The land acquisition program improves the airport environment and benefits the local economy by acquiring noncompatible land use parcels and redeveloping those parcels for nonresidential uses and airport expansion.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other		1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Total		1,000,000	1,000,000	1,000,000	1,000,000	4,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue Bonds		200,000	200,000	200,000	200,000	800,000
FAA Grants and Funding		800,000	800,000	800,000	800,000	3,200,000
Total		1,000,000	1,000,000	1,000,000	1,000,000	4,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Employee Parking Expansion

This project provides for additional employee parking that will be located adjacent to the existing employee parking lots on Old Dowd Road. Completion of this project will allow the airport to operate a consolidated employee parking operation for all tenant employees.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		3,150,000				3,150,000
Equipment						
Other						
Total		3,150,000				3,150,000

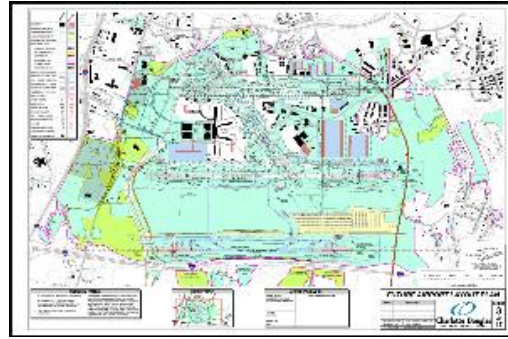
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		3,150,000				3,150,000
Bonds						
Total		3,150,000				3,150,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Master Plan Update

The airport started the Master Plan Update in 1995 and it was approved by City Council and the Federal Aviation Administration in 1997. That document identified Master Plan development for the airport for the next 20 years. Based on the current utilization of the airport and the need to identify future development opportunities, the airport will now begin its next update. This update will acknowledge the development that has already occurred and identify the future development opportunities at the airport.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition	2,000,000					2,000,000
Construction						
Equipment						
Other						
Total	2,000,000					2,000,000

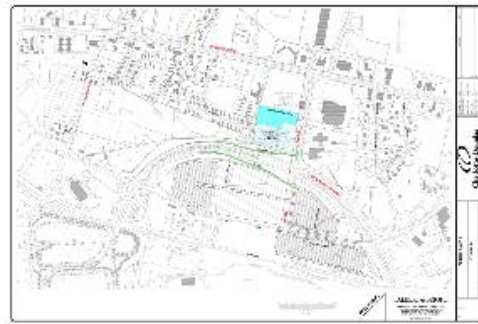
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	500,000					500,000
Bonds						
FAA Grants and Funding	1,500,000					1,500,000
Total	2,000,000					2,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Airfield Projects

Program Title: Josh Birmingham Parkway Off-Ramp

This project calls for the construction of an access ramp from the Josh Birmingham Parkway to Harlee Avenue. The project is necessary to provide efficient traffic flow for customers that will access the Business Valet Parking Deck on Wilkinson Boulevard from Josh Birmingham Parkway.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	550,000					550,000
Equipment						
Other						
Total	550,000					550,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	550,000					550,000
Bonds						
Total	550,000					550,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Storm Water Facilities

This project provides for the construction of additional spill containment basins at strategic locations around the Airport. The need for this project is two-fold: it decreases the Airports storm water fee, and it meets the requirements of the Airports National Pollution Discharge System (NPDES) Permit. The basins will control the amount of run-off from the Airport and reduce pollutants from being discharged into the surface waters.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			2,226,000			2,226,000
Equipment						
Other						
Total			2,226,000			2,226,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue			2,226,000			2,226,000
Bonds						
Total			2,226,000			2,226,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Hotel/Unit Terminal Roadway

The need for this project is based on the construction of a 250 room hotel and two unit terminal buildings within the terminal complex. The road will provide access to the hotel lobby and the unit terminal departure curbs.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction				4,360,000		4,360,000
Equipment						
Other						
Total				4,360,000		4,360,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue				4,360,000		4,360,000
Bonds						
Total				4,360,000		4,360,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Airport Entrance Road Connection

The NCDOT identifies a project in its TIP that will construct a new entrance road for the Airport from the Little Rock Road interchange on I-85 to the front of the terminal. This project will construct a portion of road from the end of the NCDOT project just north of the Norfolk Southern railroad to the existing entrance road along side the Daily Parking Deck.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	9,000,000	25,000,000	14,000,000			48,000,000
Equipment						
Other						
Total	9,000,000	25,000,000	14,000,000			48,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	9,000,000	25,000,000	14,000,000			48,000,000
Bonds						
Total	9,000,000	25,000,000	14,000,000			48,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Roadway Signage Project

This project will provide updated signage on Josh Birmingham Parkway and other roads leading into the airport. The new parking will use a combination of standard signs and dynamic message signs to provide passengers with accurate and up-to-date information on parking and directions around the terminal building.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	1,750,000					1,750,000
Other						
Total	1,750,000					1,750,000

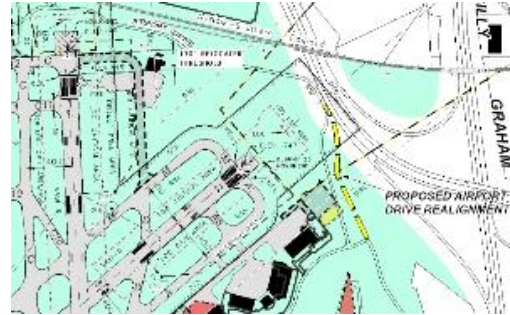
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	1,750,000					1,750,000
Bonds						
Total	1,750,000					1,750,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Airport Drive Relocation

The airport relocated a portion of Airport Drive from First Flight Drive to Morris Field Drive in 2005 to provide the North Carolina Air National Guard with additional land for their facility expansion. This project will relocate another portion of Airport Drive to provide free-flow movement from the CHAC museum to Morris Field Drive.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		1,200,000				1,200,000
Equipment						
Other						
Total		1,200,000				1,200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center		1,200,000				1,200,000
Total		1,200,000				1,200,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Airport Office Relocation

In 2004, the Airport purchased a building on the corner of Wilkinson Blvd. and Harlee Avenue for the purpose of consolidating the maintenance divisions into one facility. This project will re-roof the building to stop water leaks and install office finishes for the other divisions in the Aviation Department in an effort to consolidate the whole Department into one facility.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	1,500,000					1,500,000
Equipment						
Other						
Total	1,500,000					1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	1,500,000					1,500,000
Bonds						
Total	1,500,000					1,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Special Facility Projects

Program Title: Environmental VALE Project

This project will fund the acquisition of equipment through an FAA Voluntary Airport Low Emission (VALE) grant program. Equipment to be acquired may include low emission airport parking shuttle buses, electric ground service equipment and ground power & air conditioning units for aircraft parked at the terminal gates.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment		2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Other						
Total		2,000,000	2,000,000	2,000,000	2,000,000	8,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue		500,000	500,000	500,000	500,000	2,000,000
Bonds						
FAA Grants and Funding		1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
Total		2,000,000	2,000,000	2,000,000	2,000,000	8,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Miscellaneous Aviation Projects

Program Title: Air Traffic Control Tower

With the construction of the parking decks in the daily lot and the future development of the terminal complex in that areas, the Federal Aviation Administration (FAA) recognizes the need to relocate the Air Traffic Control tower. The Airport anticipates FAA funding for this project.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	12,000,000	28,000,000				40,000,000
Equipment						
Other						
Total	12,000,000	28,000,000				40,000,000

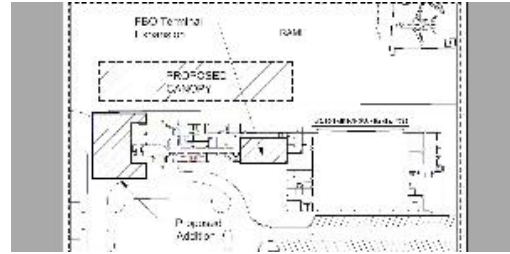
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
FAA Grants and Funding	12,000,000	28,000,000				40,000,000
Total	12,000,000	28,000,000				40,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: Fixed Base Operator Terminal Aircraft Canopy

In February 2005, the Airport took over control of the FBO and hired Wilson Air Center to manage the facility for the Airport. One of Wilson Air Center's signature amenities is an aircraft canopy located adjacent to the terminal building. This will allow passengers to deplane in front of the terminal building. This project will construct a canopy that will accommodate up to 3 aircraft.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			1,000,000			1,000,000
Equipment						
Other						
Total			1,000,000			1,000,000

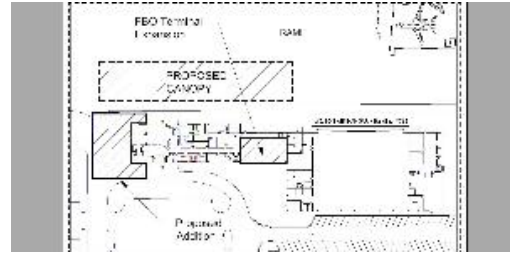
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center			1,000,000			1,000,000
Total			1,000,000			1,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: Fixed Base Operator Terminal Expansion

In February 2005, the Airport took over control of the FBO and hired Wilson Air Center to manage the facility for the Airport. This project will expand the FBO terminal to meet the need for increased demand for the general aviation facility.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		247,200	2,925,600			3,172,800
Equipment						
Other						
Total		247,200	2,925,600			3,172,800

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center		247,200	2,925,600			3,172,800
Total		247,200	2,925,600			3,172,800

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: Fixed Base Operator Ramp Expansion

The 1997 Master Plan recommended additional aircraft parking for cargo aircraft. This project responds to a demand for increased air cargo activity and service to the region. The project will construct additional aircraft ramp to accommodate parking for additional General Aviation aircraft.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		3,090,000				3,090,000
Equipment						
Other						
Total		3,090,000				3,090,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center		772,500				772,500
FAA Grants and Funding		2,317,500				2,317,500
Total		3,090,000				3,090,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: General Aviation Aircraft Maintenance Hangar

Due to the increase in charter, corporate and general aviation traffic, the airport has identified the need for additional space to provide aircraft maintenance. This facility will provide maintenance for both local and transient aircraft.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			3,500,000			3,500,000
Equipment						
Other						
Total			3,500,000			3,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center			3,500,000			3,500,000
Total			3,500,000			3,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: Group Hangar #4

Due to the need for additional aircraft storage, the Airport intends to construct additional aircraft storage hangars to be used by individual tenants. The Airport intends to construct four hangars, two of which will be 60X120 and the other two will be 90X120.

Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	3,500,000					3,500,000
Equipment						
Other						
Total	3,500,000					3,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center	3,500,000					3,500,000
Total	3,500,000					3,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: GADO Site Development

The GADO building is located on the northwest corner of the FBO complex. This project will provide funding to redevelop that facility for future general aviation uses.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction				2,014,000	3,286,000	5,300,000
Equipment						
Other						
Total				2,014,000	3,286,000	5,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center				2,014,000	3,286,000	5,300,000
Total				2,014,000	3,286,000	5,300,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: General Aviation Projects

Program Title: Bank of America Hangar Road Relocation

In anticipation of expansion of the corporate aviation facility adjacent to the Bank of America hangar, the Airport has identified a need to relocate the road to the existing Bank of America hangar.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	1,500,000					1,500,000
Equipment						
Other						
Total	1,500,000					1,500,000

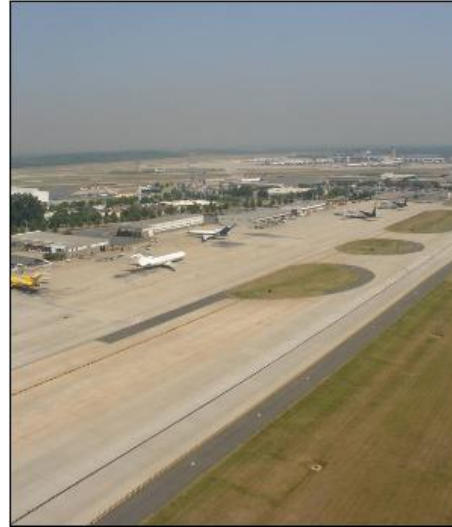
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center	1,500,000					1,500,000
Total	1,500,000					1,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Cargo Development Projects

Program Title: Cargo Ramp Expansion (Cargo 6 & 7)

The 1997 Master Plan recommended additional aircraft parking for cargo aircraft. This project responds to a demand for increased air cargo activity and service to the region.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	4,200,000	2,000,000				6,200,000
Equipment						
Other						
Total	4,200,000	2,000,000				6,200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center	1,050,000	500,000				1,550,000
FAA Grants and Funding	3,150,000	1,500,000				4,650,000
Total	4,200,000	2,000,000				6,200,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Cargo Development Projects

Program Title: Cargo Building #8

The 1997 Master Plan recommended additional aircraft parking for cargo aircraft. This project responds to a demand for increased air cargo activity and service to the region by construction a 35,000 sqft cargo facility.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000					200,000
Land Acquisition						
Construction		2,369,000				2,369,000
Equipment						
Other						
Total	200,000	2,369,000				2,569,000

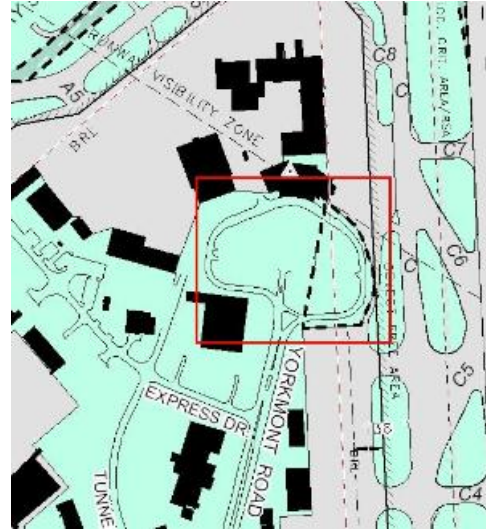
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center	200,000	2,369,000				2,569,000
Total	200,000	2,369,000				2,569,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Cargo Development Projects

Program Title: Old Terminal Loop Road

The Airport opened a new passenger terminal in 1982, after which the old terminal was converted into office space. The road in front of the terminal has not had significant maintenance done since that time. This project will reconstruct the terminal loop road to provide access to the terminal building and provide for future ramp expansion on the east side of the old terminal.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	2,000,000					2,000,000
Equipment						
Other						
Total	2,000,000					2,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Excluded Cost Center	2,000,000					2,000,000
Total	2,000,000					2,000,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

Program Category: Special Facility Projects

Program Title: Rental Car Facility Relocation

This project provides for the relocation of the rental car facilities to a consolidated facility. The project includes constructing 4,300 structured parking spaces in front of the terminal building for pick-up/drop-off, and a vehicle storage facility on Wilkinson Blvd. The relocation will allow for future expansion of the air carrier ramp near Concourse 'A', which will enable the Airport to construct a unit terminal when demand requires it.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	2,000,000					2,000,000
Land Acquisition						
Construction	2,000,000	52,875,000	17,625,000			72,500,000
Equipment						
Other						
Total	4,000,000	52,875,000	17,625,000			74,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Airport Revenue	4,000,000	52,875,000	17,625,000			74,500,000
Bonds						
Total	4,000,000	52,875,000	17,625,000			74,500,000

Operating Budget Impact: This project is not expected to have a significant impact on the operating budget.

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Environment Tab

ENVIRONMENT

POLICY ASSUMPTIONS

1. To meet Environmental Protection Agency mandates relating to water and air quality.
2. To implement a comprehensive storm water program for the public right-of-way and private property.
3. To continue to meet State and Federal Regulatory Agency water and wastewater quality standards.
4. To use long-term planning to help identify future water and wastewater capacity needs.
5. To service developing areas of Mecklenburg County by providing water distribution systems, sewer collection facilities and water and sewer infrastructure where financially feasible.
6. To provide water and sewer services to newly annexed areas within two years of annexation according to North Carolina Statutes.
7. To continue to review the feasibility of construction of water transmission mains and wastewater collection trunks to developed areas currently supplied by private water and sewer systems.
8. To provide for growth by responding to applicants for new water and/or sewer service within 1,000 feet of existing facilities. Extensions will be installed up to the annual funding level approved by City Council.
9. To pursue regional solutions to water and wastewater issues.
10. To continue to maintain and upgrade existing water and sewer system infrastructure.
11. To comply with regulatory mandates.

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
ENVIRONMENT						
<u>Environmental Services</u>						
Environmental Services Program	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000
Tree Canopy Program	420,000	420,000	420,000	420,000	420,000	2,100,000
Total Environmental Services	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$5,100,000
ENVIRONMENTAL SERVICES REVENUE						
Pay-As-You-Go Fund	1,020,000	1,020,000	1,020,000	1,020,000	1,020,000	5,100,000
TOTAL REVENUES	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$1,020,000	\$5,100,000
<u>Storm Water</u>						
Storm Water Repairs to Existing Drains	\$10,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$58,000,000
Storm Water Pollution Control	2,000,000	4,000,000	700,000	1,800,000	1,800,000	10,300,000
Storm Water Stream Restoration		2,000,000	3,000,000	1,400,000	700,000	7,100,000
Minor Storm Water Projects	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Storm Water Flood Control	1,280,000	2,500,000	3,500,000	3,500,000	3,500,000	14,280,000
Storm Water Transit Projects					7,000,000	7,000,000
<u>Area Improvements</u>						
Eastburn Road	7,000,000					7,000,000
Peterson Drive	3,000,000					3,000,000
Fourth Street	500,000		500,000		4,000,000	5,000,000
Gaynor	500,000		500,000		4,000,000	5,000,000
Hinsdale	500,000		500,000			1,000,000
Sunnyvale	500,000		500,000		4,000,000	5,000,000
Cherokee-Scotland		7,000,000				7,000,000
Wiseman			1,300,000			1,300,000
Tarragate Farms		500,000		500,000		1,000,000
Kenilworth-Romany		500,000		500,000		1,000,000
Louise Ave.		6,000,000				6,000,000
McAlway-Churchill		500,000		2,200,000		2,700,000
Robinhood-Dooley		500,000		4,400,000		4,900,000
Tillman-Bienhein		2,000,000				2,000,000
City View			1,300,000			1,300,000
Myrtle			5,200,000			5,200,000
Westridge			3,800,000			3,800,000
Brentwood				1,700,000		1,700,000
Stream Mitigation Bank	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Post Construction Control Program	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total Storm Water	\$31,280,000	\$43,500,000	\$38,800,000	\$34,000,000	\$43,000,000	\$190,580,000
STORM WATER REVENUE SUMMARY						
Revenue Bonds		14,500,000	8,800,000	3,000,000	11,000,000	37,300,000
Storm Water Pay-As-You-Go	25,880,000	25,000,000	26,000,000	27,000,000	28,000,000	131,880,000
Storm Water Fund Balance	1,400,000					1,400,000
Program Income	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
TOTAL REVENUES	\$31,280,000	\$43,500,000	\$38,800,000	\$34,000,000	\$43,000,000	\$190,580,000

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
WATER						
Annexation						
2009 Annexation Area Water Mains	\$10,000,000					\$10,000,000
2011 Annexation Area Water Mains		\$1,500,000	\$8,500,000			10,000,000
Maintain Existing Infrastructure						
Raw Water Reservoir Upgrades	20,000,000					20,000,000
Vest Water Plant Rehab/Upgrades	4,000,000	1,900,000	5,000,000	\$1,150,000		12,050,000
Franklin Water Plant Rehab/Upgrades	1,720,000	4,120,000	1,720,000	2,470,000		10,030,000
Catawba Pump Station Rehab and Upgrades	1,500,000	1,500,000	500,000	1,000,000	\$1,500,000	6,000,000
CBD Water/Sewer Replacement	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Elevated Water Storage Tank Rehabilitation	1,200,000	1,200,000	1,267,000	1,267,000	1,267,000	6,201,000
Lee S. Dukes WTP Rehab & Upgrades	650,000	750,000	1,000,000			2,400,000
WTP's and BP Stations Upgrades and Rehab	500,000		500,000		500,000	1,500,000
North Meck WTP Generator		360,000	4,500,000			4,860,000
Franklin to Vest - Raw/Finished WM ROW		250,000	400,000	1,500,000	1,500,000	3,650,000
Catawba PS to Franklin Raw Water Main		100,000		100,000		200,000
Franklin Water Plant Solids Handling			1,500,000			1,500,000
WM - Freedom/Tuckaseegee Road Replacement					7,200,000	7,200,000
Provide Service to Existing Residence						
Street and Minor Water Main Extensions	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	32,500,000
New Service Installation Water	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000
Fire Hydrant Installation/Replacement	300,000		365,000		365,000	1,030,000
Regulatory Requirements						
Water Treatment Regulatory Improvements	300,000	300,000	200,000	100,000		900,000
Water Distribution System Study	300,000	400,000	400,000			1,100,000
Land Acquisition for Watershed Protection	250,000	250,000				500,000
Support for Other Public Projects and for Utilities Operations						
Water Lines for Street Improvements	13,000,000	2,000,000	1,000,000	1,000,000	1,000,000	18,000,000
Water Line Rehabilitation/Replacement	8,100,000	9,600,000	10,300,000	11,000,000	11,600,000	50,600,000
5100 Brookshire Upgrades	5,500,000					5,500,000
Technology Projects	1,150,000	850,000	850,000	850,000	850,000	4,550,000
GIS Facilities Mapping	620,000	565,000	250,000	250,000		1,685,000
NE Transit Corridor - University	500,000					500,000
Administration/Engineering Bldg. Upgrades	100,000	100,000	100,000			300,000
Public Facility Art		130,000				130,000
Support Growth and Development						
Northeast Water Transmission Main	7,500,000	7,100,000	25,700,000	15,800,000		56,100,000
882' - 978' Zone Transfer Transmission Main	3,900,000		9,200,000			13,100,000
W.T. Harris/Albemarle Road	3,500,000	5,800,000		16,800,000		26,100,000
960 Zone Elevated Storage	3,000,000		4,500,000			7,500,000
882 Zone Elevated Storage	2,100,000	2,900,000			4,150,000	9,150,000
978 Zone Elevated Storage	2,000,000		4,150,000			6,150,000
Diesel Generators for BPS	1,300,000	3,000,000	150,000	1,500,000		5,950,000
WM: Main Street Huntersville from Gilead to Ramah Church	1,070,000					1,070,000
WM: Bailey Road	1,000,000					1,000,000
978 Booster Pump Station	1,000,000		5,000,000			6,000,000
NC-115/Cornelius 24" Water Main	1,000,000		2,000,000			3,000,000
WM: Robinson Church Rd. - Harrisburg Rd.	980,000					980,000
WM: Youngblood/Zoar Road	350,000	950,000				1,300,000
WM: Albemarle Rd. Wilgrove-Mint Hill Rd.	176,000					176,000
WM: North Tryon Street		800,000	1,500,000		4,200,000	6,500,000
Lee S. Dukes Water Plant Expansion				3,500,000		3,500,000
978' North-South Transmission Main (formerly Hwy. 21 WM)					8,000,000	8,000,000
WM: LS Dukes WTP/Stumptown Road					4,600,000	4,600,000
WM: Carmel Road to NC51					4,100,000	4,100,000
WM: Sharon to Carmel Road-Quail Hollow					1,500,000	1,500,000
WM: Plaza Road Tank					1,000,000	1,000,000
WM: Cornelius- Main Street Extension					310,000	310,000
Total Water	\$111,066,000	\$58,925,000	\$103,052,000	\$70,787,000	\$66,142,000	\$409,972,000
WATER REVENUE SUMMARY						
Water Revenue Bonds	101,051,000	38,390,000	82,702,000	47,687,000	42,692,000	312,522,000
Water/Sewer Operating Fund	10,015,000	20,535,000	20,350,000	23,100,000	23,450,000	97,450,000
TOTAL REVENUES	\$111,066,000	\$58,925,000	\$103,052,000	\$70,787,000	\$66,142,000	\$409,972,000

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
SEWER						
Annexation						
2009 Annexation Area Sewer Trunks	\$15,000,000					\$15,000,000
Reedy Creek Interceptor	10,000,000					10,000,000
2011 Annexation Area Sewer Trunks		\$2,000,000	\$13,000,000			15,000,000
Maintain Existing Infrastructure						
Irwin Creek WWTP Upgrade	35,000,000					35,000,000
Sanitary Sewer Line Rehabilitation	11,000,000	11,000,000	11,000,000	\$11,000,000	\$13,000,000	57,000,000
Sugar Creek WWTP Primary Clarifier Upgrades	6,000,000					6,000,000
Lift Station Improvements	1,500,000		460,000			1,960,000
Sugar WWTP Rehab and Upgrades	1,400,000	500,000	250,000	200,000	200,000	2,550,000
66" McAlpine Creek Sewer Replacement	900,000					900,000
McAlpine W-1/W-3 Improvements	800,000					800,000
Mallard WWTP Rehab and Upgrades	700,000	1,200,000	500,000	350,000	100,000	2,850,000
McDowell WWTP Rehab and Upgrades	600,000		400,000	1,000,000	400,000	2,400,000
Irwin WWTP Rehab and Upgrades	400,000		200,000		200,000	800,000
Pump Station Elimination Program	200,000					200,000
Lift Station Communications, SCADA	140,000	100,000				240,000
Provide Service to Existing Residence						
Street and Minor Sewer Main Extension	7,700,000	7,700,000	7,700,000	7,700,000	7,700,000	38,500,000
New Service Installation Sewer	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Regulatory Requirements						
Briar Creek Relief Sewer	22,000,000			20,000,000		42,000,000
McAlpine Relief Sewer	18,430,000					18,430,000
Flow EQ Basin at Long Creek	6,000,000					6,000,000
Mallard Creek WWTP Clarifier and Flood Protection	5,000,000					5,000,000
Wastewater System Evaluation	1,350,000					1,350,000
Wastewater Master Plan Study			750,000	750,000		1,500,000
Support for Other Public Projects and for Utilities Operations						
Sewer Lines in Streets to be Widened	3,750,000	750,000	750,000	750,000	750,000	6,750,000
Technology Investments	500,000	225,000	200,000	200,000	200,000	1,325,000
Long Creek WWTP to 11 mgd Needs		187,000,000				187,000,000
		3,500,000				3,500,000
Support Growth and Development						
Sugar Creek WWTP Exp to 28 MGD	115,300,000					115,300,000
Steele Creek Parallel Outfall	6,000,000					6,000,000
McAlpine Creek WMF Rehab and Upgrades	2,000,000	1,000,000	1,500,000	1,000,000	1,500,000	7,000,000
Pineville Regional LS and Force Main	1,500,000					1,500,000
Developer Constructed Sewer - Steele Creek LS Replacement	800,000	500,000	500,000	500,000		2,300,000
McAlpine Creek WWTP Filters		20,200,000				20,200,000
Expansion		9,900,000				9,900,000
McMullen Creek Parallel Sewer & Flow EQ				18,700,000		18,700,000
Upper McAlpine Creek Relief Sewer				2,000,000	9,000,000	11,000,000
McDowell Basin Trunk Sewers				500,000	4,500,000	5,000,000
Ramah Creek Trunk Sewer					17,000,000	17,000,000
Clarkes Creek to Ramah Church Road Campus Ridge Rd. Lift Station, Force Main, and Gravity Sewer					6,000,000	6,000,000
Dixon Branch Trunk Sewer Extension					2,900,000	2,900,000
Little Sugar Creek Lift Station					2,500,000	2,500,000
McCullough Branch LS Improvements					1,600,000	1,600,000
Beaver Dam Creek West Branch Outfall					1,500,000	1,500,000
Cane Creek Outfall					1,500,000	1,500,000
North Fork of Crooked Creek					1,300,000	1,300,000
Rocky River (South Prong) to Mayes					1,230,500	1,230,500
Upper Clear Creek Tributary Sewer					1,100,000	1,100,000
Lake Road Trunk Sewer (Matthews)					1,100,000	1,100,000
Matthews Commons Gravity Sewer					1,000,000	1,000,000
Beaver Dam Creek Tributary Sewer					625,000	625,000
					552,600	552,600
					500,000	500,000
Total Sewer	\$275,470,000	\$247,075,000	\$38,710,000	\$66,150,000	\$79,458,100	\$706,863,100
SEWER REVENUE SUMMARY						
Sewer Revenue Bonds	268,535,000	229,760,000	21,210,000	16,400,000	35,058,100	570,963,100
Water/Sewer Operating Fund	6,935,000	17,315,000	17,500,000	49,750,000	44,400,000	135,900,000
TOTAL REVENUES	\$275,470,000	\$247,075,000	\$38,710,000	\$66,150,000	\$79,458,100	\$706,863,100

Program Category: Environment

Program Title: Environmental Services Program

The need for this program is based on federal and state environmental protection regulations. Projects supported by this funding include management of the York Road and Statesville Road landfills, asbestos-in-buildings surveys, Phase I Environmental Property Audits, environmental site assessments, rapid response to newly discovered environmental contamination, regulatory reporting, and the remediation of contaminated properties.



Notes

Account Number: 47000
Appropriations to Date: \$20,301,000
Estimated Balance June 30, 2009: \$100,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	50,000	50,000	50,000	50,000	50,000	250,000
Land Acquisition						
Construction	550,000	550,000	550,000	550,000	550,000	2,750,000
Equipment						
Other						
Total	600,000	600,000	600,000	600,000	600,000	3,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	600,000	600,000	600,000	600,000	600,000	3,000,000
Total	600,000	600,000	600,000	600,000	600,000	3,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Environment
Program Title: Tree Canopy Program

This project provides funding to protect one of Charlotte's most valuable assets - its tree canopy. The funding schedule provides \$250,000 annually for tree removal and \$170,000 for tree banding to control cankerworms. These funds compliment existing funding in the Engineering and Property Management Landscape Mangement Divisional operating budget.



Notes

Account Number: 47785
 Appropriations to Date: \$420,000
 Estimated Balance June 30, 2009: \$0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	420,000	420,000	420,000	420,000	420,000	2,100,000
Total	420,000	420,000	420,000	420,000	420,000	2,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	420,000	420,000	420,000	420,000	420,000	2,100,000
Total	420,000	420,000	420,000	420,000	420,000	2,100,000

Operating Budget Impact: The project will not impact the operating budget.

Storm Water



Program Category: Storm Water

Program Title: Repairs to Existing Storm Drains

Project provides for repairs to existing drainage facilities to protect public safety and property. Need is based on customer service requests regarding flooding and related storm water problems.



Notes

Account Number: 35900
Appropriations to Date: \$63,380,283
Estimated Balance June 30, 2009: \$2,594,214

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000	800,000	800,000	1,000,000	1,000,000	4,600,000
Land Acquisition						
Construction	9,000,000	11,200,000	11,200,000	11,000,000	11,000,000	53,400,000
Equipment						
Other						
Total	10,000,000	12,000,000	12,000,000	12,000,000	12,000,000	58,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	10,000,000	12,000,000	12,000,000	12,000,000	12,000,000	58,000,000
Total	10,000,000	12,000,000	12,000,000	12,000,000	12,000,000	58,000,000

Operating Budget Impact: Staff evaluates requests and inspects the work.

Program Category: Storm Water
Program Title: Storm Water Pollution Control

Project provides for upgrading of lakes and ponds, dam repairs and other improvements to reduce the level of pollution in storm water. Need is based on maintenance of facilities such as lakes and ponds that enhance storm water quality under the requirements of the Clean Water Act.



Notes

Account Number: 35870
 Appropriations to Date: \$9,281,124
 Estimated Balance June 30, 2009: \$1,110,794

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000	500,000	200,000	300,000	300,000	1,500,000
Land Acquisition						
Construction	1,800,000	3,500,000	500,000	1,500,000	1,500,000	8,800,000
Equipment						
Other						
Total	2,000,000	4,000,000	700,000	1,800,000	1,800,000	10,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	2,000,000		700,000	1,800,000		4,500,000
Storm Water Revenue Bonds		4,000,000			1,800,000	5,800,000
Total	2,000,000	4,000,000	700,000	1,800,000	1,800,000	10,300,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Stream Restoration/Mitigation

Project provides funding for cleanup and bioengineering of City streams. Need is based on the requirement to mitigate impacts of construction and/or development on streams in the City and improvement of stream habitat for water quality benefit.



Notes

Account Number: 35921
Appropriations to Date: \$22,298,253
Estimated Balance June 30, 2009: \$3,229,074

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		300,000	400,000	300,000	200,000	1,200,000
Land Acquisition						
Construction		1,700,000	2,600,000	1,100,000	500,000	5,900,000
Equipment						
Other						
Total		2,000,000	3,000,000	1,400,000	700,000	7,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go				1,400,000		1,400,000
Storm Water Revenue Bonds		2,000,000	3,000,000		700,000	5,700,000
Total		2,000,000	3,000,000	1,400,000	700,000	7,100,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Minor Capital Projects

Need is based on addressing storm water flooding problems. The dollar value of these projects will be larger than the normal maintenance project yet less than a major Flood Control project.



Notes

Account Number: 35943
Appropriations to Date: \$4,000,000
Estimated Balance June 30, 2009: \$3,455,075

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000	200,000	200,000	200,000	200,000	1,000,000
Land Acquisition						
Construction	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	9,000,000
Equipment						
Other						
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	600,000		2,000,000	2,000,000	500,000	5,100,000
Storm Water Revenue Bonds		2,000,000			1,500,000	3,500,000
Fund Balance	1,400,000					1,400,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Storm Water Flood Control

Need is based on addressing storm water flooding problems in neighborhoods. Specific neighborhood drainage basins with estimated costs above \$1.0 million are individually highlighted in the budget document. Neighborhood drainage basins with estimated costs, during the next five years, below \$1.0 million are included in this project.



Notes

Account Number: 35800
 Appropriations to Date: \$126,809,376
 Estimated Balance June 30, 2009: \$14,894,084

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	400,000	800,000	2,000,000	1,000,000	1,000,000	5,200,000
Land Acquisition						
Construction	880,000	1,700,000	1,500,000	2,500,000	2,500,000	9,080,000
Equipment						
Other						
Total	1,280,000	2,500,000	3,500,000	3,500,000	3,500,000	14,280,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	1,280,000			500,000	3,500,000	5,280,000
Storm Water Revenue Bonds		2,500,000	3,500,000	3,000,000		9,000,000
Total	1,280,000	2,500,000	3,500,000	3,500,000	3,500,000	14,280,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Storm Water Transit Corridor

Project provides funding for storm water projects in neighborhoods with inadequate drainage impacted by Transit Corridor Development. Need is based on a coordinated approach in solving neighborhood infrastructure problems.



Notes

Account Number: 35941
Appropriations to Date: \$12,926,000
Estimated Balance June 30, 2009: \$4,000,000

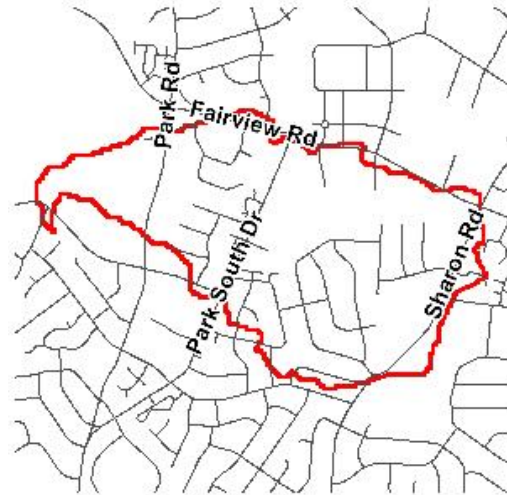
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction					7,000,000	7,000,000
Equipment						
Other						
Total					7,000,000	7,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Revenue Bonds					7,000,000	7,000,000
Total					7,000,000	7,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Eastburn Neighborhood

The project covers about 450 acres and includes neighborhoods along Park Road. The project will improve the storm drainage infrastructure in order to reduce street flooding and property flooding.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

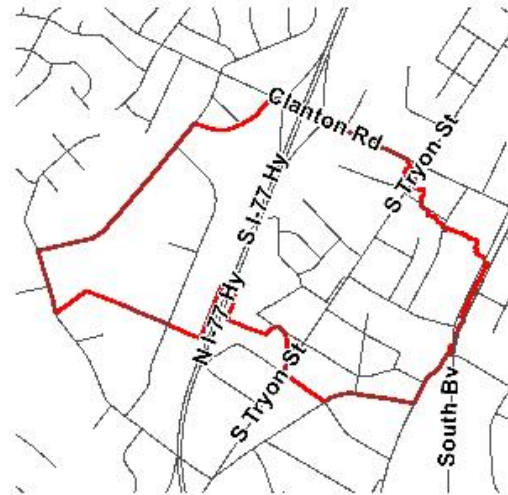
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	7,000,000					7,000,000
Equipment						
Other						
Total	7,000,000					7,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	7,000,000					7,000,000
Total	7,000,000					7,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Peterson Drive Neighborhood

The project will reduce flooding at Heriot Ave., Sarah Drive, and Stuart Andrew Boulevard and nearby properties by upgrading roadway crossings, underground pipe systems and channels. It will also minimize erosion along the receiving stream by improving the channel cross-section and alignment.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	3,000,000					3,000,000
Equipment						
Other						
Total	3,000,000					3,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	3,000,000					3,000,000
Total	3,000,000					3,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Fourth Street Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		500,000			1,000,000
Land Acquisition						
Construction					4,000,000	4,000,000
Equipment						
Other						
Total	500,000		500,000		4,000,000	5,000,000

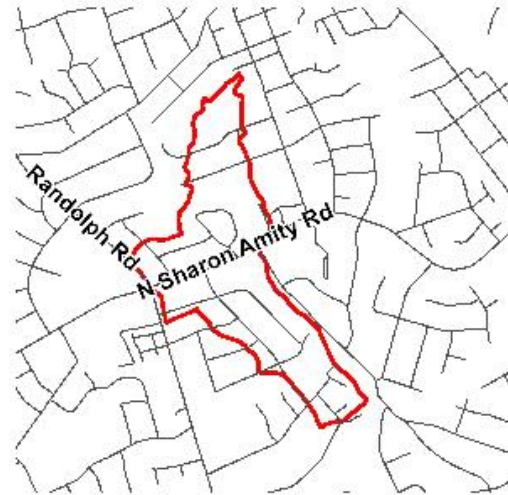
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	500,000				4,000,000	4,500,000
Storm Water Revenue Bonds			500,000			500,000
Total	500,000		500,000		4,000,000	5,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Gaynor Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		500,000			1,000,000
Land Acquisition						
Construction					4,000,000	4,000,000
Equipment						
Other						
Total	500,000		500,000		4,000,000	5,000,000

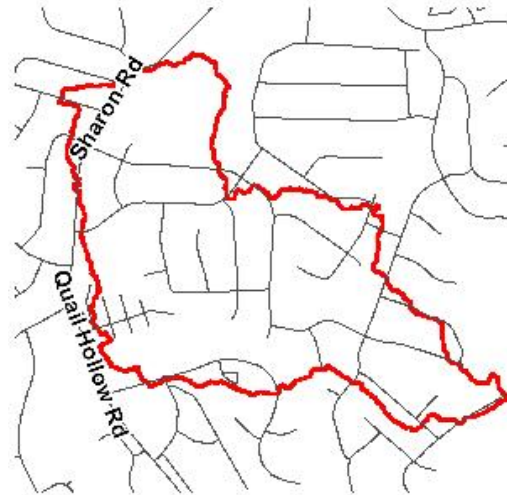
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	500,000				4,000,000	4,500,000
Storm Water Revenue Bonds			500,000			500,000
Total	500,000		500,000		4,000,000	5,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Hinsdale Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

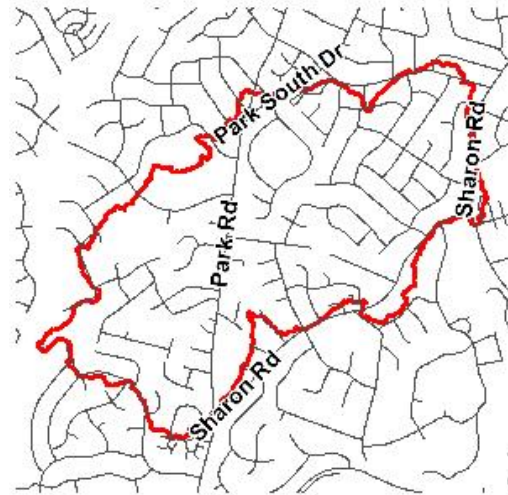
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		500,000			1,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total	500,000		500,000			1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	500,000		500,000			1,000,000
Total	500,000		500,000			1,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Sunnyvale Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		500,000			1,000,000
Land Acquisition						
Construction					4,000,000	4,000,000
Equipment						
Other						
Total	500,000		500,000		4,000,000	5,000,000

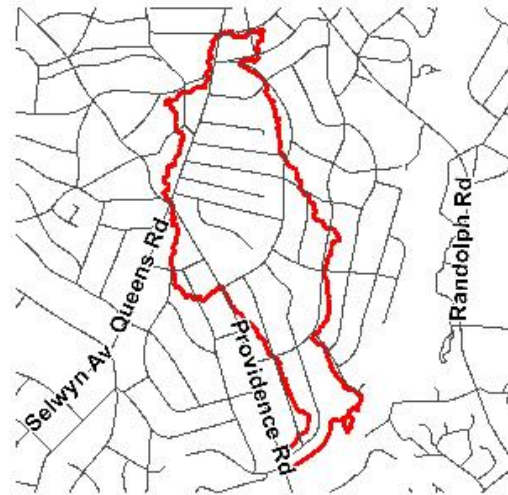
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go	500,000		500,000		4,000,000	5,000,000
Total	500,000		500,000		4,000,000	5,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Cherokee-Scotland

The project will improve the storm drainage infrastructure in order to reduce flooding of streets, properties and structures. Streams will also be stabilized and/or restored in order to provide a more natural, stable stream system throughout the area.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

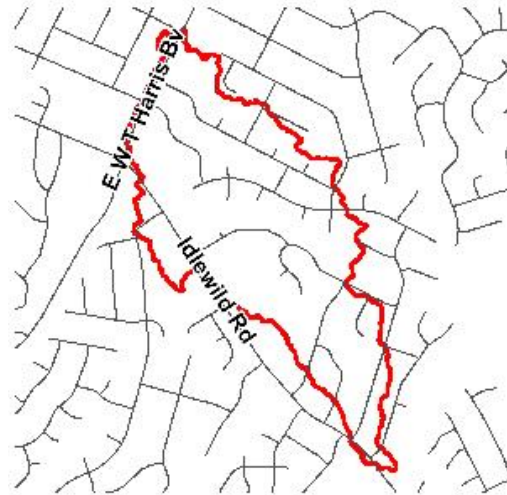
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		7,000,000				7,000,000
Equipment						
Other						
Total		7,000,000				7,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go		7,000,000				7,000,000
Total		7,000,000				7,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Wiseman Neighborhood

The project will reduce flooding and erosion in the project area. The project area covers approximately 165 acres. The project drainage area is roughly bounded by W.T. Harris Boulevard to the north, Idlewild Road to the west, Barncliff Road to the east, and Braewick Place to the south.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			1,300,000			1,300,000
Equipment						
Other						
Total			1,300,000			1,300,000

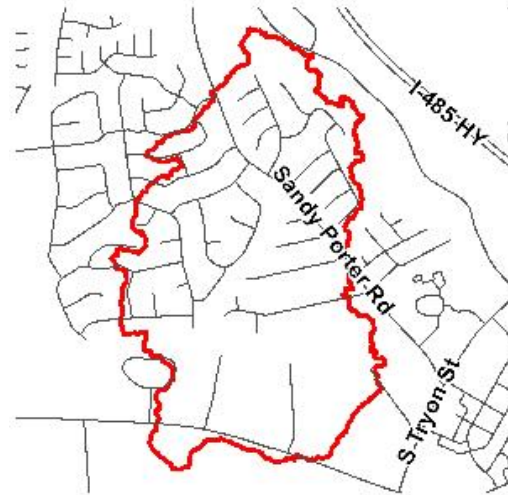
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Revenue Bonds			1,300,000			1,300,000
Total			1,300,000			1,300,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Tarragate Farms Neighborhood

The needs is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		500,000		500,000		1,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total		500,000		500,000		1,000,000

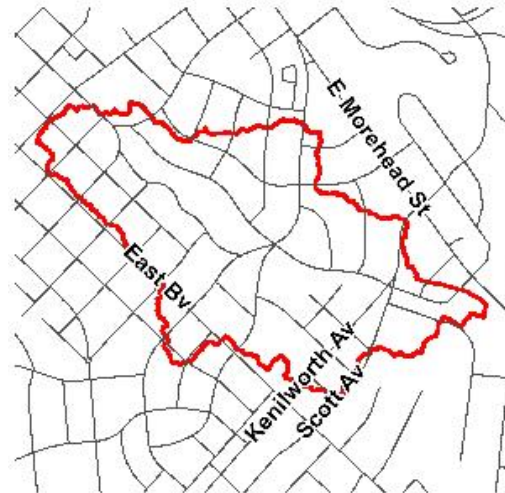
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go				500,000		500,000
Storm Water Revenue Bonds		500,000				500,000
Total		500,000		500,000		1,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Kenilworth-Romany Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		500,000		500,000		1,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total		500,000		500,000		1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go				500,000		500,000
Storm Water Revenue Bonds		500,000				500,000
Total		500,000		500,000		1,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Louise Ave Neighborhood

This project will reduce flooding of streets, properties and structures along the main system corridor.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		6,000,000				6,000,000
Equipment						
Other						
Total		6,000,000				6,000,000

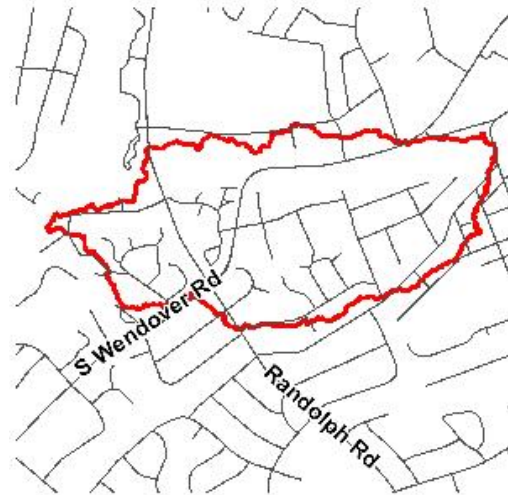
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go		6,000,000				6,000,000
Total		6,000,000				6,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: McAlway-Churchill Neighborhood

The objective of the project is to reduce structure and street flooding throughout the neighborhood. Channel erosion problems will also be addressed.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		500,000				500,000
Land Acquisition						
Construction				2,200,000		2,200,000
Equipment						
Other						
Total		500,000		2,200,000		2,700,000

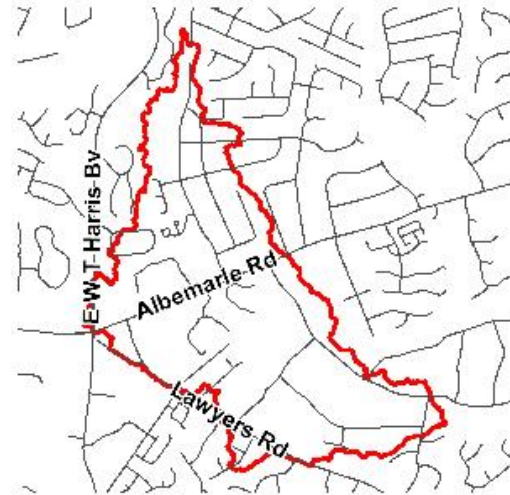
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go				2,200,000		2,200,000
Storm Water Revenue Bonds		500,000				500,000
Total		500,000		2,200,000		2,700,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Robinhood-Dooley Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood. This area is bounded by W.T. Harris Boulevard to the northwest, Woodbridge Road to the northeast, Dooley Drive to the southeast, and Lawyers Road to the southwest.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		500,000				500,000
Land Acquisition						
Construction				4,400,000		4,400,000
Equipment						
Other						
Total		500,000		4,400,000		4,900,000

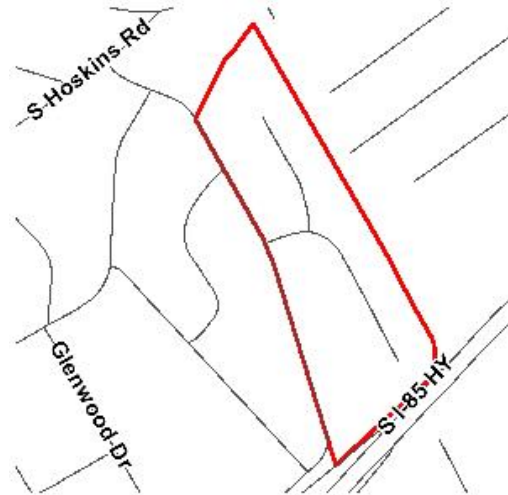
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go				4,400,000		4,400,000
Storm Water Revenue Bonds		500,000				500,000
Total		500,000		4,400,000		4,900,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Tillman-Blenhein Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

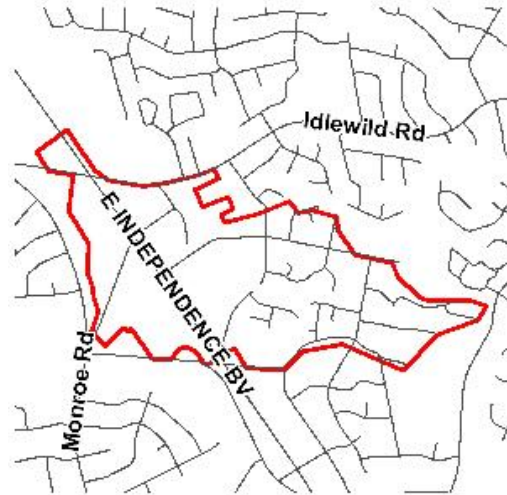
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		2,000,000				2,000,000
Equipment						
Other						
Total		2,000,000				2,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Revenue Bonds		2,000,000				2,000,000
Total		2,000,000				2,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: City View Neighborhood

The project will restore two sections of a badly eroded stream bank. Possible culvert replacement will reduce flooding of roadways. The project will include the entire length of open channel from near East Independence Boulevard downstream to the junction of Campbell Creek near East Harris Boulevard.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

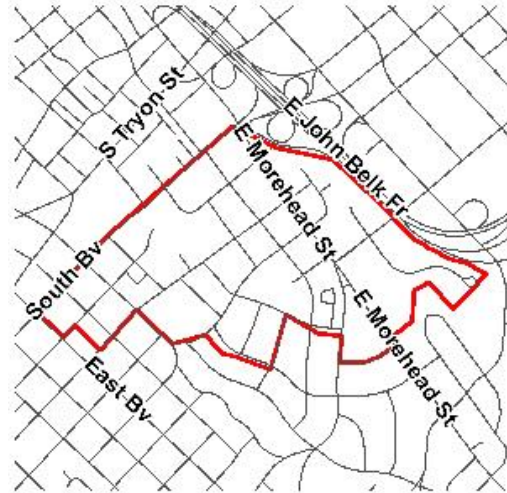
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			1,300,000			1,300,000
Equipment						
Other						
Total			1,300,000			1,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go			1,300,000			1,300,000
Total			1,300,000			1,300,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Myrtle Neighborhood

This project reduces street and potential house flooding. Affected streets include: East Morehead Street, Templeton Avenue, Myrtle Avenue and Lexington Avenue. The proposed improvements include: replacing existing pipes with larger pipes, adding pipes and inlets along roadways. The project is currently in the Planning Phase.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			5,200,000			5,200,000
Equipment						
Other						
Total			5,200,000			5,200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go			5,200,000			5,200,000
Total			5,200,000			5,200,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Westridge Neighborhood

Need is based on addressing storm water flooding problems in the neighborhood.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			3,800,000			3,800,000
Equipment						
Other						
Total			3,800,000			3,800,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go			3,800,000			3,800,000
Total			3,800,000			3,800,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water
Program Title: Brentwood Neighborhood

The storm drainage area covers approximately 235 acres. Objective of the project will be to reduce property structure and street flooding. Channel erosion will also be addressed.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction				1,700,000		1,700,000
Equipment						
Other						
Total				1,700,000		1,700,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Storm Water Pay-As-You-Go				1,700,000		1,700,000
Total				1,700,000		1,700,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Storm Water

Program Title: Streams Mitigation Bank Program

When a city project impacts a stream or pond, the City has to compensate by restoring streams or wetlands as part of a new project. This program allows for the collection and use of the program income to restore other streams and wetlands.



Notes

Account Number: 5359219

Appropriations to Date: 0

Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000	500,000	500,000	500,000	500,000	2,500,000
Land Acquisition						
Construction	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Equipment						
Other						
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Program Income	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
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Operating Budget Impact: The program will not impact the operating budget.

Program Category: Storm Water

Program Title: Post Construction Control Program

This program will provide funding for enforcing the requirements of the Post Construction Control Ordinance (PCCO). The purpose of the PCCO is to protect, maintain, and enhance the public health, safety, environment and general welfare by establishing minimum requirements and procedures to control the adverse effects of increased post-construction storm water runoff and non-point source pollution associated with the development and redevelopment of property.



Notes

Account Number: 5359489
Appropriations to Date: 0
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000	500,000	500,000	500,000	500,000	2,500,000
Land Acquisition						
Construction	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Equipment						
Other						
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Program Income	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Operating Budget Impact: The program will not impact the operating budget.

Water



CHARLOTTE

ANNEXATION

Program Category: Water
Program Title: 2009 Annexation Area Water Mains

The project provides for water main extensions into proposed 2009 annexation areas. Need is based on North Carolina State law which requires that the City of Charlotte provide annexation areas with basic sewer trunk service and the basic water system required for fire protection service to the newly annexed areas within two years of annexation. The project meets the need by providing accessibility to the basic water infrastructure.



The project provides for water main extensions into proposed 2009 annexation areas. Need is based on North Carolina State law which requires that the City of Charlotte provide annexation areas with basic sewer trunk service and the basic water system required for fire protection service to the newly annexed areas within two years of annexation. The project meets the need by providing accessibility to the basic water infrastructure.

Notes

Account Number: 63910
 Appropriations to Date: \$1,000,000
 Estimated Balance June 30, 2009: \$9,500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000					1,000,000
Land Acquisition						
Construction	9,000,000					9,000,000
Equipment						
Other						
Total	10,000,000					10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	10,000,000					10,000,000
Bonds						
Total	10,000,000					10,000,000

Operating Budget Impact: As the size of the system increases, additional costs for operation and maintenance are anticipated.

Program Category: Water

Program Title: 2011 Annexation - Water

The project provides for water main extensions into proposed 2011 Annexation areas. Need is based on North Carolina State law which requires that the City of Charlotte will provide the annexation areas with basic water service required for fire protection service to the newly annexed areas within two years of annexation. The project meets the need by providing accessibility to water service within the annexation area.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		1,500,000				1,500,000
Land Acquisition						
Construction			8,500,000			8,500,000
Equipment						
Other						
Total		1,500,000	8,500,000			10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue		1,500,000	8,500,000			10,000,000
Bonds						
Total		1,500,000	8,500,000			10,000,000

Operating Budget Impact: As the size of the system increases, additional costs for operation and maintenance is anticipated.

**MAINTAIN
EXISTING
INFRASTRUCTURE**

Program Category: Water
Program Title: Raw Water Reservoir Upgrades

This project will consist of the consolidation of two reservoirs that provide additional raw water storage at Franklin and Vest plants, increasing the available raw water storage capacity. The new reservoir will contain new lined piping and contain new influent and effluent facilities. The need is based on the requirement for additional raw water storage capacity to provide for future growth and expansion.



Notes

Account Number: 63564
 Appropriations to Date: \$31,500,000
 Estimated Balance June 30, 2009: \$22,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,500,000					1,500,000
Land Acquisition						
Construction	18,500,000					18,500,000
Equipment						
Other						
Total	20,000,000					20,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	20,000,000					20,000,000
Bonds						

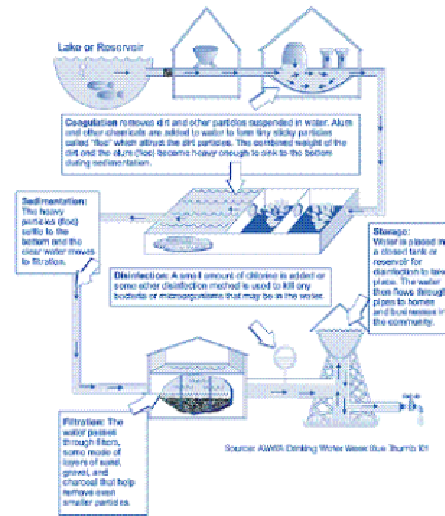
Total	20,000,000					20,000,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water

Program Title: Vest Plant Rehab/ Upgrades

Project provides for the design and construction of upgrades at the Vest Water Treatment Plant. The work includes replacement of filter media, air scrubbers, multiple 24 inch valves, stand-by generators, and finished water storage. Improvements are also necessary to the ventilation systems, windows, and building interior. The project is based on the need to replace equipment that has exceeded its servicable life.



Notes

Account Number: 63545
 Appropriations to Date: \$6,944,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		750,000				750,000
Land Acquisition						
Construction	4,000,000	1,150,000	5,000,000	1,150,000		11,300,000
Equipment						
Other						
Total	4,000,000	1,900,000	5,000,000	1,150,000		12,050,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	4,000,000	1,900,000	5,000,000	1,150,000		12,050,000
Bonds						

Total	4,000,000	1,900,000	5,000,000	1,150,000		12,050,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water

Program Title: Franklin Water Treatment Plant Rehab/Upgrades

The project provides for improvements at Franklin Water Treatment Plant to meet regulatory requirements for chlorine contact time and improvements to the suction header piping. Need is based on changing regulatory requirements and increasing service demands. This project will also provide funding for miscellaneous small capital projects such as security, lead paint abatement, asbestos abatement, and general asset replacement that will be done on an on-going basis.



Notes

Account Number: 63546
Appropriations to Date: \$45,041,876
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		500,000	750,000		1,750,000
Land Acquisition						
Construction	1,220,000	4,120,000	1,000,000	1,500,000		7,840,000
Equipment			220,000	220,000		440,000
Other						
Total	1,720,000	4,120,000	1,720,000	2,470,000		10,030,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,720,000	4,120,000	1,720,000	2,470,000		10,030,000
Bonds						

Total	1,720,000	4,120,000	1,720,000	2,470,000		10,030,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water

Program Title: Catawba Pump Station Rehab and Upgrades

Project provides for rehabilitation and upgrade to the Catawba Pump Station. Need is based on avoiding deterioration and inadequacies in the water treatment system and bringing about improved reliability. Planned improvements include the rehabilitation of electrical systems and pumps, new screens, remote operating capabilities, and work on header piping.



Notes

Account Number: 63544
Appropriations to Date: \$18,655,000
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		500,000			1,000,000
Land Acquisition		1,500,000				1,500,000
Construction	1,000,000			1,000,000	1,500,000	3,500,000
Equipment						
Other						
Total	1,500,000	1,500,000	500,000	1,000,000	1,500,000	6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,500,000	1,500,000	500,000	1,000,000	1,500,000	6,000,000
Bonds						

Total	1,500,000	1,500,000	500,000	1,000,000	1,500,000	6,000,000
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Operating Budget Impact: No significant impact to operating budget is expected.

Program Category: Water

Program Title: Central Business District Water/Sewer Replacement

The CBD (Central Business District) area, generally defined as the inner-city area bounded by I-277 and I-77, contains some of the oldest water and sewer infrastructure in the Charlotte-Mecklenburg Utilities system. Approximately 200,000 LF of water main (3/4-inch to 30-inch dia.) and 150,000 LF of sanitary sewer main (8-inch to 30-inch dia.) is located in the CBD, of which a portion needs to be replaced or rehabilitated. Renovation of the water/sewer infrastructure will reduce the magnitude and frequency of system failures and associated service interruptions, costly emergency repairs, and traffic disruptions.



Notes

Account Number: 63451
Appropriations to Date: 0
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

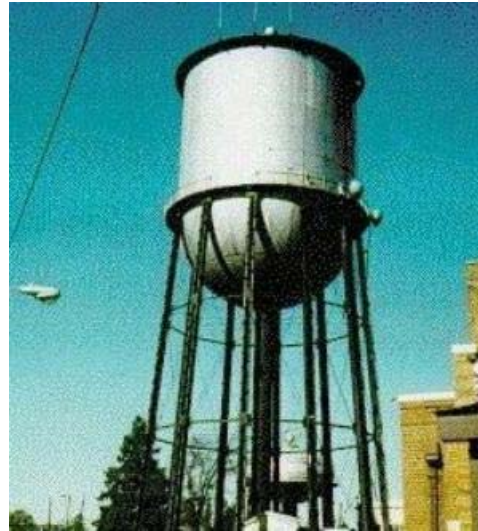
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Bonds						

Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and routine maintenance are anticipated.

Program Category: Water
Program Title: Elevated Water Storage Tank Rehabilitation

Project provides for rehabilitation and maintenance of existing water storage tanks. Need is based on a system-wide study conducted by Jordon, Jones & Goulding which identified deficiencies including aging paint, peeling paint, corroded or rusted areas, broken access stairs, and gates and fencing. The purpose of the project is to maintain in-line storage facilities in accordance with permit requirements.



Notes

Account Number: 63725
 Appropriations to Date: \$7,357,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	670,000	225,000	225,000	237,500	237,500	1,595,000
Land Acquisition						
Construction	530,000	975,000	1,042,000	1,029,500	1,029,500	4,606,000
Equipment						
Other						
Total	1,200,000	1,200,000	1,267,000	1,267,000	1,267,000	6,201,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,200,000	1,200,000	1,267,000	1,267,000	1,267,000	6,201,000
Bonds						

Total	1,200,000	1,200,000	1,267,000	1,267,000	1,267,000	6,201,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water
Program Title: Lee S. Dukes WTP Rehab & Upgrades

Project will consist of rehabilitation to occur by 2011 including roof improvements, miscellaneous superstructure improvements, concrete repair, and equipment improvements, etc. These upgrades are needed to replace equipment that has exceeded its service life and maintain performance levels.



Notes

Account Number: 63452
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	650,000	750,000	1,000,000			2,400,000
Equipment						
Other						
Total	650,000	750,000	1,000,000			2,400,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	650,000	750,000	1,000,000			2,400,000
Bonds						

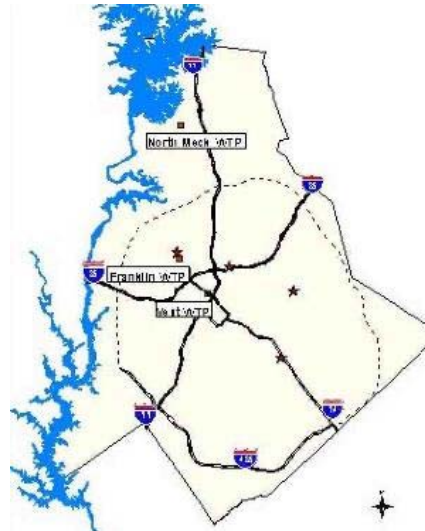
Total	650,000	750,000	1,000,000			2,400,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water

Program Title: WTPs and BP Stations Upgrades and Rehab

Project provides for capital equipment upgrades at Vest, Lee S. Dukes, and Franklin Water Treatment Plants and the Catawba River and Lake Norman Pump Stations. Need is based on providing uninterrupted service and optimal performance of the plants and pump stations infrastructure. Upgrades and improvements will be made to large valves, pump installations, impellers, motors, compressors, and appurtenances.



Notes

Account Number: 63436
 Appropriations to Date: \$1,150,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	500,000		500,000		500,000	1,500,000
Equipment						
Other						
Total	500,000		500,000		500,000	1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	500,000		500,000		500,000	1,500,000
Bonds						

Total	500,000		500,000		500,000	1,500,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Water
Program Title: N Meck WTP Generator

Project provides for the design, purchase, and installation of a back-up diesel generator at the Lee S. Duker Water Treatment Plant. The project is based on the need to replace the generator which is both undersized and at the end of its serviceable life. The purpose of the project is to maintain uninterrupted service during periods of power outage.



Notes

Account Number: 63449
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		360,000				360,000
Land Acquisition						
Construction			3,800,000			3,800,000
Equipment			700,000			700,000
Other						
Total		360,000	4,500,000			4,860,000

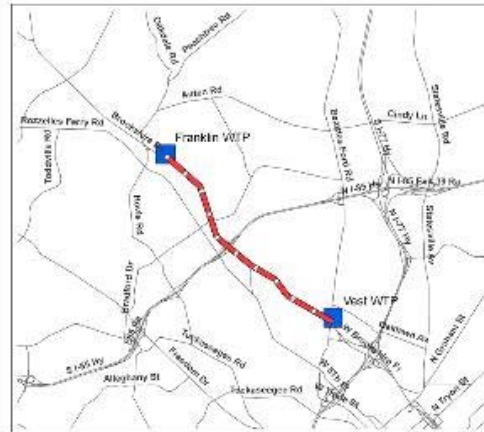
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue		360,000	4,500,000			4,860,000
Bonds						

Total		360,000	4,500,000			4,860,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water
Program Title: Franklin to Vest - Raw/Finished WM ROW

Project provides for on going improvements to valve vaults and valves on the raw water transmission main between Franklin Water Treatment Plant and Vest Water Treatment Plant, as well as provide for clearance of the pipeline right-of-way. Need is based on ensuring system infrastructure integrity. The project meets the need by accurately locating and preserving the right-of-way for the raw water transmission main.



Notes

Account Number: 63437
 Appropriations to Date: \$1,200,000
 Estimated Balance June 30, 2009: \$800,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		250,000	250,000			500,000
Land Acquisition			150,000			150,000
Construction				1,500,000	1,500,000	3,000,000
Equipment						
Other						
Total		250,000	400,000	1,500,000	1,500,000	3,650,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue		250,000	400,000	1,500,000	1,500,000	3,650,000
Bonds						

Total		250,000	400,000	1,500,000	1,500,000	3,650,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water
Program Title: Catawba PS to Franklin Raw Water Main

Project provides for improvements to valve vaults and valves on the raw water transmission main between the Catawba River Pump Station and the Franklin Water Treatment Plant, and for survey of the pipeline right-of-way. Need is based on ensuring system infrastructure integrity. The project meets the need by accurately locating and preserving the right-of-way for the raw water transmission main.



Notes

Account Number: 63441
 Appropriations to Date: \$500,000
 Estimated Balance June 30, 2009: \$350,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		100,000		100,000		200,000
Equipment						
Other						
Total		100,000		100,000		200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue		100,000		100,000		200,000
Bonds						
Total		100,000		100,000		200,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water
Program Title: Franklin Solids Handling

Project provides for improvements to the solids handling process at Franklin Water Treatment Plant. Need is based on the expectation that the current solids handling system will be at capacity. Expansion of capacity was recommended by the Black & Veatch study of solids handling facilities and practices completed in 2005.



Notes

Account Number: 63914
 Appropriations to Date: \$2,500,000
 Estimated Balance June 30, 2009: \$1,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction			1,500,000			1,500,000
Equipment						
Other						
Total			1,500,000			1,500,000

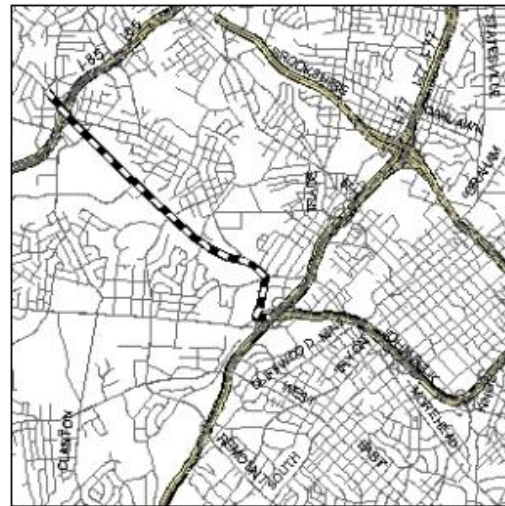
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue			1,500,000			1,500,000
Bonds						

Total			1,500,000			1,500,000
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Operating Budget Impact: Once the project is operational, an increase in power consumption is anticipated.

Program Category: Water
Program Title: WM- Freedom/Tuckaseegee Replacement

The project includes replacement of approximately 5,000 LF of 24 inch water main along Tuckaseegee Rd.; 1,200 LF of 24 inch water main along Freedom Dr. and 5,700 LF of 24 inch water main along Freedom Dr. The need is based on aging, cast iron, lead-joint pipe which has required numerous and costly repairs and is reaching the end of serviceable life. The transmission main is a critical component of the distribution system and is contingent upon completion of the 1st phase of the 72 inch Southwest Transmission main.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction					7,200,000	7,200,000
Equipment						
Other						
Total					7,200,000	7,200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					7,200,000	7,200,000
Bonds						
Total					7,200,000	7,200,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

**PROVIDE
SERVICE TO
EXISTING
RESIDENCE**

Program Category: Water
Program Title: Street and Minor Water Main Extensions

Project provides for water service extensions to residential customers within 1,000 feet or less from an existing water line and extensions to customers experiencing health risks associated with well water per a City Council approved policy. Need is based on customer requests and on the presence of contaminated or dry wells in residential areas.



Notes

Account Number: 63579
 Appropriations to Date: \$73,336,390
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	472,000	520,000	568,000	624,000	686,400	2,870,400
Land Acquisition	59,000	65,000	71,000	78,000	85,800	358,800
Construction	5,910,000	5,850,000	5,790,000	5,720,000	5,642,000	28,912,000
Equipment	59,000	65,000	71,000	78,000	85,800	358,800
Other						
Total	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	32,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	6,500,000	2,010,000	2,450,000			10,960,000
Bonds						
Water/Sewer Operating Fund		4,490,000	4,050,000	6,500,000	6,500,000	21,540,000
Total	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	32,500,000

Operating Budget Impact: As the system size increases, additional resources for operation and routine maintenance are anticipated.

Program Category: Water
Program Title: New Service Installation Water

Project provides for the installation of residential and commercial water connections to the Charlotte-Mecklenburg Utilities water distribution system. Need is based on customer demand for service installations.



Notes

Account Number: 63430
 Appropriations to Date: \$44,126,371
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000
Equipment						
Other						
Total	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000

Total	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	22,500,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Water
Program Title: Fire Hydrant Installation/Replacement

Project provides for the installation of additional and replacement fire hydrants throughout Mecklenburg County. Need results from in-fill housing and building density increases. Locations for the fire hydrants are typically identified by the Charlotte Fire Department, volunteers, or the Mecklenburg County Fire Marshal.



Notes

Account Number: 63619
 Appropriations to Date: \$715,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	300,000		365,000		365,000	1,030,000
Equipment						
Other						
Total	300,000		365,000		365,000	1,030,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	300,000		365,000		365,000	1,030,000
Bonds						
Total	300,000		365,000		365,000	1,030,000

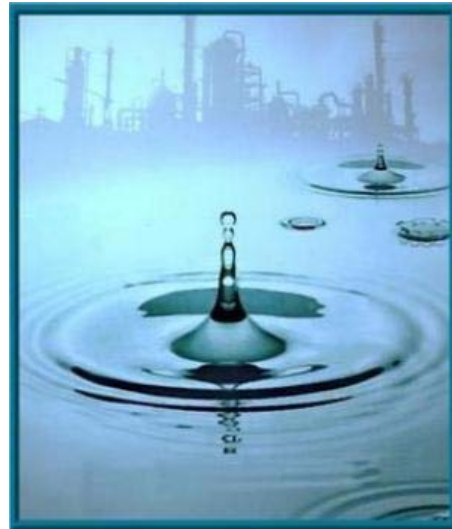
Operating Budget Impact: As the number of hydrants increases, additional resources for operation and routine maintenance are anticipated.

REGULATORY REQUIREMENTS

Program Category: Water

Program Title: Water Treatment Regulatory Improvements

This project is utilized for studies in many areas with water treatment. It may be for water withdrawal studies, compliance studies, new technology processes, and small projects to meet short term regulatory compliance. The purpose is to identify distribution modifications to meet water age requirements and identify regulatory driven WTP improvements.



Notes

Account Number: 63534
Appropriations to Date: \$1,000,000
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000	200,000	200,000	100,000		700,000
Land Acquisition						
Construction						
Equipment	100,000	100,000				200,000
Other						
Total	300,000	300,000	200,000	100,000		900,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	300,000	300,000	200,000	100,000		900,000
Bonds						

Total	300,000	300,000	200,000	100,000		900,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water
Program Title: Water Distribution System Study

Project provides for a long range Water Distribution System Masterplan Study. The project is based on the need to update long range plans for water treatment and distribution capital needs in order to meet future demands and water quality regulatory requirements. Charlotte-Mecklenburg Utilities typically updates the masterplan approximately every 5 years.



Notes

Account Number: 63770
 Appropriations to Date: \$2,900,000
 Estimated Balance June 30, 2009: \$750,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	300,000	400,000	400,000			1,100,000
Equipment						
Other						
Total	300,000	400,000	400,000			1,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	300,000	400,000	400,000			1,100,000
Total	300,000	400,000	400,000			1,100,000

Operating Budget Impact: Improvements implemented from system study may result in decreased operating budget.

Program Category: Water

Program Title: Land Acquisition for Watershed Protection

Project provides for acquisition of land along the shores of Mountain Island Lake to provide an undisturbed buffer along the waterway. The need is based on continued growth in the region and the importance of protecting vital drinking water resources. Mountain Island Lake is the primary drinking water source for Charlotte-Mecklenburg and is the location of the raw water intake for Franklin and Vest Water Treatment Plants.



Notes

Account Number: 63728
Appropriations to Date: \$10,416,000
Estimated Balance June 30, 2009: \$1,898,898

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition	250,000	250,000				500,000
Construction						
Equipment						
Other						
Total	250,000	250,000				500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	250,000	250,000				500,000
Bonds						
Total	250,000	250,000				500,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

**SUPPORT FOR
OTHER PUBLIC
PROJECTS AND
FOR UTILITIES
OPERATIONS**

Program Category: Water
Program Title: Water Lines for Street Improvements

Project provides for the relocation (or installation) of water lines that conflict with new highway construction or road improvements. Need is based on the requirement that Charlotte-Mecklenburg Utilities relocate water mains for both state and city road construction.



Notes

Account Number: 63529
 Appropriations to Date: \$44,520,871
 Estimated Balance June 30, 2009: \$500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design				500,000	500,000	1,000,000
Land Acquisition						
Construction	13,000,000	2,000,000	1,000,000	500,000	500,000	17,000,000
Equipment						
Other						
Total	13,000,000	2,000,000	1,000,000	1,000,000	1,000,000	18,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	13,000,000	2,000,000	1,000,000	1,000,000	1,000,000	18,000,000
Bonds						

Total	13,000,000	2,000,000	1,000,000	1,000,000	1,000,000	18,000,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water
Program Title: Water Line Rehabilitation/Replacement

Project provides for the rehabilitation and/or replacement of aging water mains with issues related to water quality and reduced hydraulic capacity. Need is based on aging and corroded water mains resulting in increased maintenance costs, frequent breaks, and reduced flow rates and pressure. The project meets the need by restoring original capacity, improving water quality, and improving system reliability and performance.



Notes

Account Number: 63538
 Appropriations to Date: \$70,494,887
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000					500,000
Land Acquisition						
Construction	4,600,000	6,600,000	7,300,000	8,000,000	8,600,000	35,100,000
Equipment	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Other						
Total	8,100,000	9,600,000	10,300,000	11,000,000	11,600,000	50,600,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	4,655,000					4,655,000
Bonds						
Water/Sewer Operating Fund	3,445,000	9,600,000	10,300,000	11,000,000	11,600,000	45,945,000
Total	8,100,000	9,600,000	10,300,000	11,000,000	11,600,000	50,600,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water
Program Title: 5100 Brookshire Upgrades

This project provides for renovation of the Administration/Engineering Building at 5100 Brookshire Boulevard. The existing facility was constructed in the 1970s and is overcrowded. Staff are operating out of trailers or performing duties at other locations across the County, thus fragmenting operations. In addition, HVAC, phone, elevator, and plumbing systems are at the end of their servicable lives. The need is based on continued reliable service to customers and space/safety concerns for employees.



Notes

Account Number: 63913
 Appropriations to Date: \$13,800,000
 Estimated Balance June 30, 2009: \$13,770,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	5,500,000					5,500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total	5,500,000					5,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	5,500,000					5,500,000
Bonds						

Total	5,500,000					5,500,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water
Program Title: Technology Projects

Project provides for the acquisition of technology upgrades as needs arise. Project also provides funding for CMUD's portion of the annual technology refresh program. Need is based on the continuing desire to provide excellent customer service and workforce productivity.



Notes

Account Number: 63432
 Appropriations to Date: \$6,570,884
 Estimated Balance June 30, 2009: \$100,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	1,150,000	850,000	850,000	850,000	850,000	4,550,000
Other						
Total	1,150,000	850,000	850,000	850,000	850,000	4,550,000

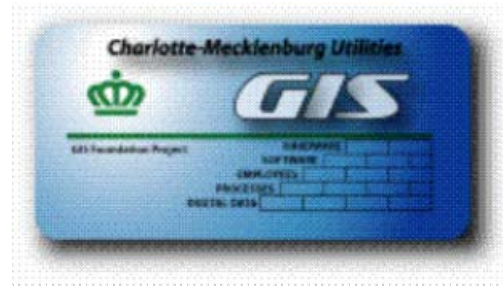
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	1,150,000	850,000	850,000	850,000	850,000	4,550,000

Total	1,150,000	850,000	850,000	850,000	850,000	4,550,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated

Program Category: Water
Program Title: GIS Facilities Mapping

Project provides for accurate, integrated digital mapping of Utility water and sewer infrastructure. The project will convert existing system information from hard copy documents to an intelligent electronic mapping system and provide a business process to maintain the electronic data. Need is based on lack of system data and limitations of accuracy of existing data. The project is a part of the City of Charlotte's Enterprise GIS strategy.



Notes

Account Number: 63792
 Appropriations to Date: \$3,906,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	620,000	565,000	250,000	250,000		1,685,000
Equipment						
Other						
Total	620,000	565,000	250,000	250,000		1,685,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	620,000	565,000	250,000	250,000		1,685,000

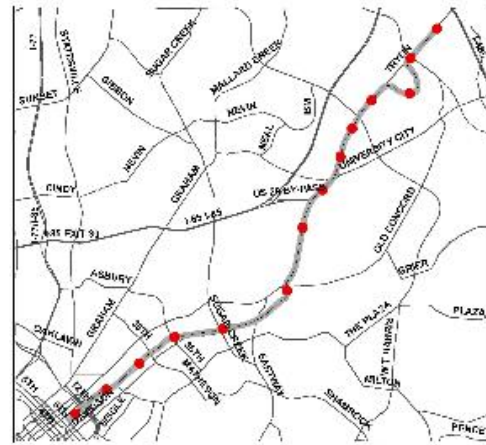
Total	620,000	565,000	250,000	250,000		1,685,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Water

Program Title: NE Transit Corridor Improvements - University

Project provides for planning, design, and construction of water and sewer infrastructure improvements surrounding transit stations along the Northeast Transit Corridor. As more specific plans are developed, future CIP documents will highlight project details. The need is based on the strategy to collaborate with City departments on major infrastructure projects.



Notes

Account Number: 63921
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	500,000					500,000
Equipment						
Other						
Total	500,000					500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	500,000					500,000
Bonds						

Total	500,000					500,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water
Program Title: Admin/Eng Bldg. Upgrades

Project provides for replacement of the HVAC equipment at the Utilities Administration and Engineering facility on Brookshire Blvd. Need is based on aging equipment that has passed its service life. This project also provides for the resurfacing of the Admin building parking lot.



Notes

Account Number: 63780
 Appropriations to Date: \$1,690,000
 Estimated Balance June 30, 2009: \$350,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	100,000	100,000	100,000			300,000
Equipment						
Other						
Total	100,000	100,000	100,000			300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue Bonds		100,000	100,000			200,000
Water/Sewer Operating Fund	100,000					100,000
Total	100,000	100,000	100,000			300,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water

Program Title: Public Facility Art

The project provides funding for public art at Utilities public facilities. The need is based on fulfilling City Council's goal for promoting art in public buildings. The funding will provide public art at the proposed Field Operations Zone 4 building.



Notes

Account Number: 63916
Appropriations to Date: \$123,000
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		130,000				130,000
Land Acquisition						
Construction						
Equipment						
Other						
Total		130,000				130,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund		130,000				130,000

Total		130,000				130,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

SUPPORT GROWTH AND DEVELOPMENT

Program Category: Water

Program Title: 882' - 978' Zone Transfer Transmission Main

The purpose of this project is a result of the 2008 WDS Master Plan Study and to improve distribution system operational conditions. The need for this project is based on the maximum day water demands currently exceed water treatment capacity for the 978' pressure zone. This project will adequately increase the transfer capacity of water from the 882' to 978' zone to meet future demands in the 978' service area.



Notes

Account Number: 63303
Appropriations to Date: 0
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	3,000,000		600,000			3,600,000
Land Acquisition	900,000					900,000
Construction			8,600,000			8,600,000
Equipment						
Other						
Total	3,900,000		9,200,000			13,100,000

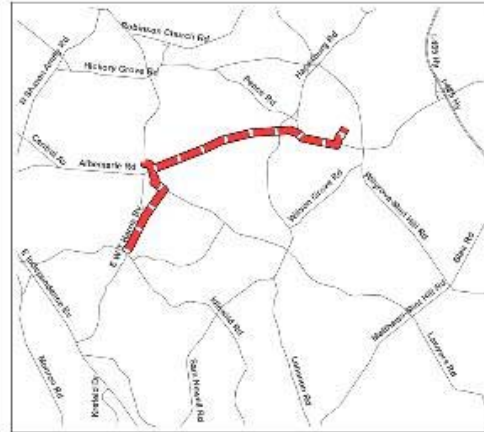
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	3,900,000		9,200,000			13,100,000
Bonds						

Total	3,900,000		9,200,000			13,100,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water
Program Title: WT Harris/Albemarle Road

This provides for approximately 7,400 linear feet of a 30 inch water main and approximately 14,000 linear feet of 24 inch water main along W.T. Harris Blvd. The need is based on a lack of adequate distribution of water from the Idlewild Pump (Booster) Station to east Mecklenburg County. The project was recommended in the October 2000 Pitometer Report.



Notes

Account Number: 63558
 Appropriations to Date: \$7,815,625
 Estimated Balance June 30, 2009: \$4,940,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	3,500,000	5,800,000		16,800,000		26,100,000
Equipment						
Other						
Total	3,500,000	5,800,000		16,800,000		26,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	3,500,000	5,800,000		16,800,000		26,100,000
Bonds						

Total	3,500,000	5,800,000		16,800,000		26,100,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Water
Program Title: 960 Zone Elevated Storage

A 3 million gallon (MG) elevated storage tank, with associated controls and piping, will be constructed in the southern area of the 960' pressure zone. The storage tank will stabilize distribution system pressures during peak water demand periods, improve system reliability, improve public fire protection, and potentially reduce system operating power requirements.



Notes

Account Number: 63542
 Appropriations to Date: \$1,865,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	750,000					750,000
Land Acquisition	2,250,000					2,250,000
Construction			4,500,000			4,500,000
Equipment						
Other						
Total	3,000,000		4,500,000			7,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	3,000,000		4,500,000			7,500,000
Bonds						

Total	3,000,000		4,500,000			7,500,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water
Program Title: 882 Zone Elevated Storage

Project provides for the design and construction of a two elevated storage tanks in the southwest area of Mecklenburg County. Need is based on projected demand increases due to rapid growth in the southwest area and continued growth in the south area of Mecklenburg County. The purpose of this project is to improve water hydraulics in the SW portion of the county for growth.



Notes

Account Number: 63541
 Appropriations to Date: \$1,687,500
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	750,000					750,000
Land Acquisition	1,350,000					1,350,000
Construction		2,900,000			4,150,000	7,050,000
Equipment						
Other						
Total	2,100,000	2,900,000			4,150,000	9,150,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	2,100,000	2,900,000			4,150,000	9,150,000
Bonds						
Total	2,100,000	2,900,000			4,150,000	9,150,000

Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water
Program Title: 978 Zone Elevated Storage

Project provides for the design and construction of a 2 MG elevated storage tank in the northern portion of the 978 pressure zone service area. Need is based on lack of sufficient storage capacity to meet growing water demands. This tank will work in conjunction with the Lee S. Dukes Water Treatment Plant and the Mallard Creek Storage Tank.



Notes

Account Number: 63632
 Appropriations to Date: \$266,000
 Estimated Balance June 30, 2009: \$266,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	2,000,000		4,150,000			6,150,000
Equipment						
Other						
Total	2,000,000		4,150,000			6,150,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	2,000,000		4,150,000			6,150,000
Bonds						
Total	2,000,000		4,150,000			6,150,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Water

Program Title: Diesel Generators for BPS

This project provides diesel generators for water booster pump stations to ensure uninterrupted service during power failures. The project includes replacement generators for Plaza and Hoskins Booster Pump Stations due to age and unmet electrical needs as well as the addition of a generator at Starita BPS. The project meets the need for emergency back-up power in the event of a power interruption.



Notes

Account Number: 63749
Appropriations to Date: \$4,110,000
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	300,000		150,000			450,000
Land Acquisition						
Construction		3,000,000		1,500,000		4,500,000
Equipment	1,000,000					1,000,000
Other						
Total	1,300,000	3,000,000	150,000	1,500,000		5,950,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,300,000	3,000,000	150,000	1,500,000		5,950,000
Bonds						

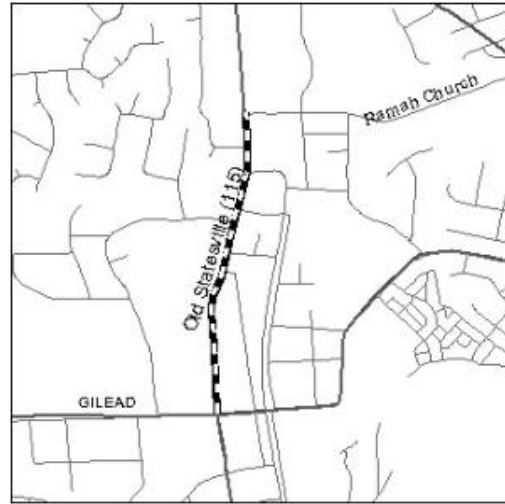
Total	1,300,000	3,000,000	150,000	1,500,000		5,950,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water

Program Title: WM: Main St. Huntersville from Gilead to Ramah Church

This project provides for the design and construction of a 24 inch diameter water main along Old Statesville Rd. (NC115) between Gilead Rd. and Ramah Church Rd. The project is based on the need to close a hydraulic loop in the water distribution system. The project was recommended in the October 2000 Pitometer Master Plan Study.



Notes

Account Number: 63904
Appropriations to Date: \$680,000
Estimated Balance June 30, 2009: \$650,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition	50,000					50,000
Construction	1,015,000					1,015,000
Equipment	5,000					5,000
Other						
Total	1,070,000					1,070,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,070,000					1,070,000
Bonds						

Total	1,070,000					1,070,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water

Program Title: WM: Bailey Road

This project provides for a 16 inch diameter water main along Bailey Road between Old Statesville Road and Davidson-Concord Road. The project is based on the need to close a hydraulic loop in the water distribution system. The project was recommended in the October 2000 Pitometer Master Plan Study.



Notes

Account Number: 63304
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	100,000					100,000
Land Acquisition						
Construction	900,000					900,000
Equipment						
Other						
Total	1,000,000					1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,000,000					1,000,000
Bonds						

Total	1,000,000					1,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water
Program Title: 978 Booster Pump Station

This project provides for the design and construction of a new booster pump station. The purpose of the new 978 zone booster pump station is to meet the requirements, as identified by 2008 master plan, to pump water from the 882 zone to the 960 zone.



Notes

Account Number: 63306
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000		250,000			750,000
Land Acquisition	500,000					500,000
Construction			4,750,000			4,750,000
Equipment						
Other						
Total	1,000,000		5,000,000			6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,000,000		5,000,000			6,000,000
Bonds						

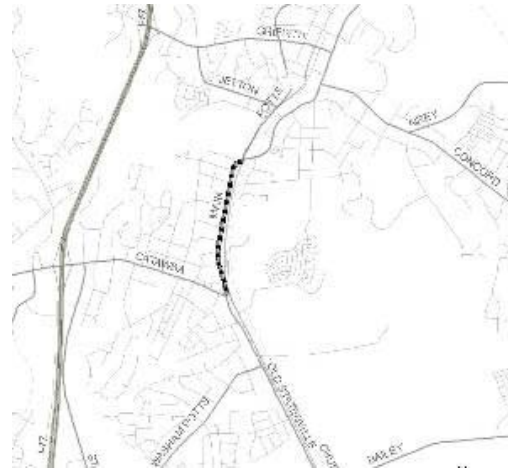
Total	1,000,000		5,000,000			6,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water

Program Title: NC-115/Cornelius 24" Water Main

The project includes construction of approximately 4,400 LF of 24 inch water main along NC-115 in the Town of Cornelius. The purpose of this project is to increase area system pressures and fire flow capacities before the year 2013. The need is based on results of the 2008 WDS Master Plan Study.



Notes

Account Number: 63307
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000		1,400,000			2,400,000
Land Acquisition			600,000			600,000
Construction						
Equipment						
Other						
Total	1,000,000		2,000,000			3,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	1,000,000		2,000,000			3,000,000
Bonds						
Total	1,000,000		2,000,000			3,000,000

Operating Budget Impact: As the size of the system increases, additional costs for operation and maintenance is anticipated.

Program Category: Water

Program Title: Robinson Church Rd. - Harrisburg Rd.

Project provides for the design and construction of a 16 inch water main along Robinson Church Rd. and Hood Rd. to Harrisburg Road to Pence Rd. The need is based on insufficient infrastructure between the northern 960' pressure zone and the mid 960' pressure zone due to increased growth and development in eastern Mecklenburg County. The project meets the need by providing adequate infrastructure along these streets.



Notes

Account Number: 63442
 Appropriations to Date: \$1,440,000
 Estimated Balance June 30, 2009: \$600,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	55,000					55,000
Land Acquisition	75,000					75,000
Construction	850,000					850,000
Equipment						
Other						
Total	980,000					980,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	980,000					980,000
Bonds						

Total	980,000					980,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and routine maintenance is anticipated.

Program Category: Water
Program Title: Youngblood/Zoar Rd. Water Main

The project includes construction of approximately 7,100 LF of 16 inch WM beginning at the existing 16 inch main at Youngblood/Pleasant Hill Rds., extends south along Youngblood to Zoar Rd., continues along Zoar Rd. and ties into the existing 16 inch water main located north of Hunting Birds Ln. The purpose of this project is to alleviate the need for the York County Water & Sewer Authority (YCWSA) temporary Wholesale Agreement. This project is needed to deliver adequate regional supply capacity.



Notes

Account Number: 63332
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000					200,000
Land Acquisition	150,000					150,000
Construction		950,000				950,000
Equipment						
Other						
Total	350,000	950,000				1,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	350,000	950,000				1,300,000
Bonds						

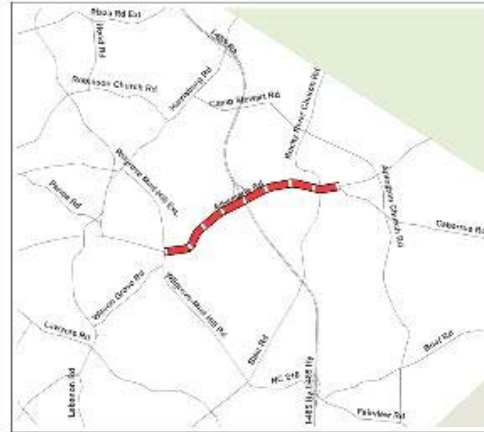
Total	350,000	950,000				1,300,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water

Program Title: Albemarle Rd. Wilgrove-Mint Hill Rd.

This project provides for the design and construction of approximately 19,700 linear feet of 16 inch water main along Albemarle and Wilgrove-Mint Hill Rds. Need is based on growth and development in the eastern portion of the county. The project meets the demand by extending water service into the area.



Notes

Account Number: 63902
 Appropriations to Date: \$950,000
 Estimated Balance June 30, 2009: \$200,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	176,000					176,000
Equipment						
Other						
Total	176,000					176,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue	176,000					176,000
Bonds						

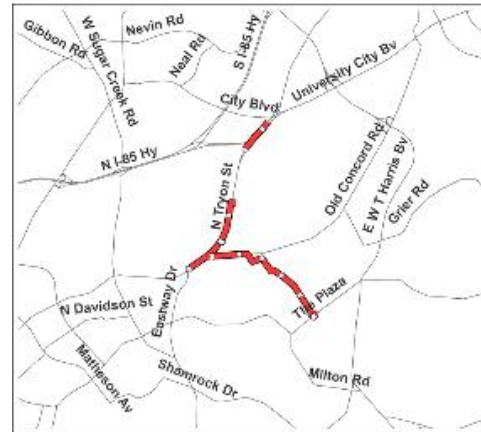
Total	176,000					176,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water

Program Title: North Tryon Transmission Main

This project will extend from the Northeast Transmission Main project proposed for construction before year 2012. The purpose of this project is to satisfy the requirements of the Master Plan Study. Based on recommendations from the 2008 Master Plan Study, this project is necessary to increase system capacity for customer water demands in the Northeast 882 pressure zone and the 960 pressure zone, while improving water supply reliability for the 960' zone.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		800,000	1,500,000			2,300,000
Land Acquisition						
Construction					4,200,000	4,200,000
Equipment						
Other						
Total		800,000	1,500,000		4,200,000	6,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue		800,000	1,500,000		4,200,000	6,500,000
Bonds						
Total		800,000	1,500,000		4,200,000	6,500,000

Operating Budget Impact: To be determined.

Program Category: Water
Program Title: Lee S. Dukes WTP Expansion

Project will consist of a study phase to evaluate current technology and develop a concept for the plant expansion. The purpose of this project is to meet the required Master Plan update that indicates that Lee S. Dukes WTP will be required to be expanded by 2018. The need is based on the expansion to meet growing system demands in the 978 distribution zone.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design				3,500,000		3,500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total				3,500,000		3,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue				3,500,000		3,500,000
Bonds						

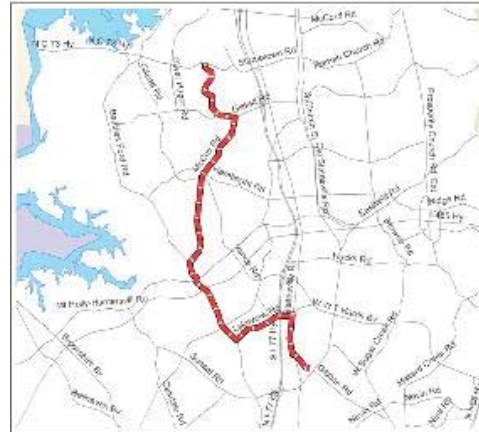
Total				3,500,000		3,500,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Water

Program Title: 978' North-South Transmission Main (formerly Hwy. 21 WM)

The project provides for a 36 inch diameter transmission main from Starita Pump Station up to Hwy 21. The project is proposed to be designed and constructed along Hwy 21 to support expansion and growth in the 978 pressure Zone. Need is based on recommendations from a 2005 report on Meeting Future Demands by Black and Veatch and the 2000 Pitometer Master Plan. The latest study indicates growth faster than anticipated. The purpose of the project is to move water to the 978 Zone from the 882 Zone.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					8,000,000	8,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total					8,000,000	8,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					8,000,000	8,000,000
Bonds						
Total					8,000,000	8,000,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water

Program Title: LS Dukes WTP/Stumptown Rd. Transmission Main

The project includes construction of approximately 4,500 LF of 72 inch TM extending south from the Lee S. Dukes WTP and east along Hugh Torrance Pkwy to Wynfield Creek Pkwy; 8,200 LF of 54 inch TM continuing east along Hugh Torrance Pkwy to Stumptown Rd., southeast along Stumptown Rd., under I-77, to an existing 24 inch main at US Hwy 21; and approximately 5,300 LF of 42 inch TM continuing east along Stumptown Rd. to an existing 36 inch TM at NC Hwy 115. The purpose of this project is to meet the WDS Master Plan Study requirements. This project is needed because transmission main capacity extending from the LS Dukes WTP is limited and must be increased to meet current water demands in the 978' pressure zone.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					3,000,000	3,000,000
Land Acquisition					1,600,000	1,600,000
Construction						
Equipment						
Other						
Total					4,600,000	4,600,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					4,600,000	4,600,000
Bonds						

Total					4,600,000	4,600,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Water

Program Title: Carmel Rd. to NC-51 Transmission Main

Starting at the existing 30 inch main in Carmel Rd, the TM is proposed to extend southeast approx. 22,000 LF along Sharon View, Old Providence, and Alexander Rds., connecting to the existing 24 inch main along NC-51. The purpose of this project is to satisfy the needs of the 2008 Water Distribution System Study. The 30 inch water transmission main is needed for the Sardis Rd. booster pump station to transfer water to the 960' pressure zone and prevent low water system pressures in the 882' pressure zone.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					2,600,000	2,600,000
Land Acquisition					1,500,000	1,500,000
Construction						
Equipment						
Other						
Total					4,100,000	4,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					4,100,000	4,100,000
Bonds						

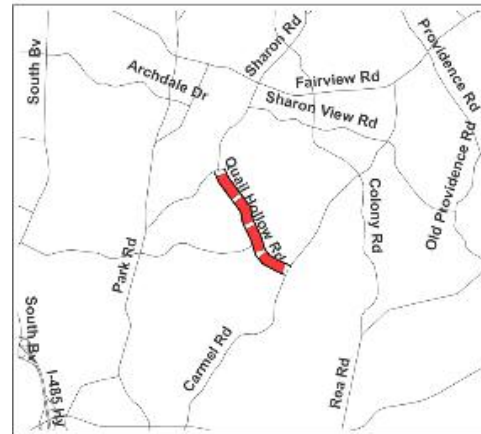
Total					4,100,000	4,100,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water

Program Title: Sharon to Carmel Rd. Trans Main - Quail Hollow

This project includes construction of approximately 8,200 LF of 24 inch water main along Quail Hollow Rd. beginning at the existing 24 inch WM near the intersection with Sharon Rd. and ending at the existing 24/30 inch WM connection at Carmel Rd. The purpose of this project is to satisfy the recommendations from the 2008 Water Distribution System Study. This project is needed to transfer stored water to the southwest to meet peak hour system demands.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					500,000	500,000
Land Acquisition					1,000,000	1,000,000
Construction						
Equipment						
Other						
Total					1,500,000	1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					1,500,000	1,500,000
Bonds						
Total					1,500,000	1,500,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water
Program Title: Water Main to Plaza Tank

Project includes construction of approx. 6,000 LF of 24 inch water main starting at the existing 24 inch main at Parkwood Rd., extending southeast along E. 18th and Kennon Streets, northeast along Thomas and Belvedere to The Plaza; 4,200 LF of 24 inch main continuing northeast along The Plaza and Parkwood Rd. to the existing 24 inch main at The Plaza/Matheson intersection; 200 LF of 24 inch main southeast on Marguerite Ave., and 150 LF of 36-48 inch main to the 0.5 MG Plaza Tank and proposed new 3.0 MG elevated tank. Based on recommendations from the 2008 Master Plan Study, this project is necessary to increase system capacity for customer water demands. The need is based on growth and development.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					1,000,000	1,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total					1,000,000	1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					1,000,000	1,000,000
Bonds						
Total					1,000,000	1,000,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Water

Program Title: Cornelius - Main St. Transmission Main Extension

This project includes construction of approximately 1,900 LF of 16 inch or 24 inch water main along Main St. (NC-115), extending from Twin Oaks Rd. to Walnut St. The purpose of this project is to meet the requirements of the 2008 Water Distribution System Study. This project is needed to meet the growing water demand and support fire protection in the Cornelius area.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					80,000	80,000
Land Acquisition					230,000	230,000
Construction						
Equipment						
Other						
Total					310,000	310,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water Revenue					310,000	310,000
Bonds						

Total					310,000	310,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Sewer



CHARLOTTE

ANNEXATION

Program Category: Sewer
Program Title: 2009 Annexation Area Sewer Trunks

The project provides for sewer line extensions into proposed 2009 Annexation areas. Need is based on North Carolina State law which requires that the City of Charlotte will provide the annexation areas with basic sewer trunk service and the basic water system required for fire protection service to the newly annexed areas within two years of annexation. The project meets the need by providing accessibility to the basic sewer infrastructure.



Notes

Account Number: 63817
 Appropriations to Date: \$1,400,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	15,000,000					15,000,000
Equipment						
Other						
Total	15,000,000					15,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	15,000,000					15,000,000
Bonds						

Total	15,000,000					15,000,000
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Operating Budget Impact: As the size of the system increases, additional costs for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: Reedy Creek Interceptor

Project provides for the construction of approximately 5,500 linear feet of 15 inch diameter sewer necessary to accept flow from the eastern portion of the county not currently served by public gravity sewers. Project is in conjunction with the McKee Creek Interceptor which discharges to a wastewater collection interceptor in Cabarrus County. Project is a joint effort with Cabarrus County.



Notes

Account Number: 63147
 Appropriations to Date: \$43,710,000
 Estimated Balance June 30, 2009: \$34,565,109

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,500,000					1,500,000
Land Acquisition						
Construction	8,500,000					8,500,000
Equipment						
Other						
Total	10,000,000					10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	10,000,000					10,000,000
Bonds						

Total	10,000,000					10,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: 2011 Annexation Area Sewer Trunks

The project provides for sewer line extensions into proposed 2011 Annexation areas. Need is based on North Carolina State law which requires that the City of Charlotte will provide the annexation areas with basic sewer trunk service and the basic water system required for fire protection service to the newly annexed areas within two years of annexation. The project meets the need by providing accessibility to sewer service within the annexation area.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		2,000,000				2,000,000
Land Acquisition						
Construction			13,000,000			13,000,000
Equipment						
Other						
Total		2,000,000	13,000,000			15,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue		2,000,000	13,000,000			15,000,000
Bonds						

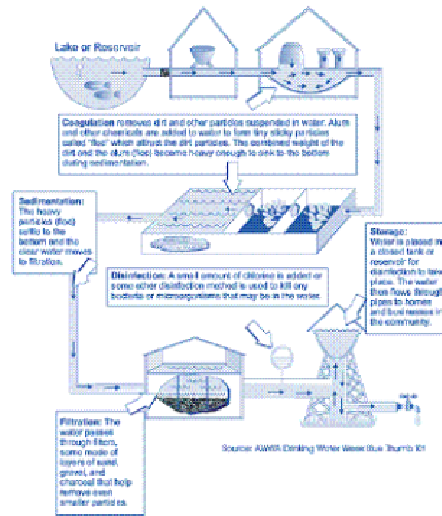
Total		2,000,000	13,000,000			15,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

**MAINTAIN
EXISTING
INFRASTRUCTURE**

Program Category: Sewer
Program Title: Irwin Creek WWTP Upgrade

This project provides for renovations of the existing treatment plant at Irwin Creek Wastewater Treatment Plant to allow the plant to reliably treat flows at its current permitted capacity (15 mgd). Need is based on the CH2MHill planning study that shows that component failure and system reliability issues affect the ability to reliably treat at the current permit capacity.



Notes

Account Number: 63807
 Appropriations to Date: \$5,500,000
 Estimated Balance June 30, 2009: \$5,400,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	35,000,000					35,000,000
Equipment						
Other						
Total	35,000,000					35,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	35,000,000					35,000,000
Bonds						
Total	35,000,000					35,000,000

Operating Budget Impact: Once the facility is operational additional energy expenses are anticipated.

Program Category: Sewer
Program Title: Sanitary Sewer Line Rehabilitation

Project provides for rehabilitation and replacement of deteriorating sewer lines. Need for this project is based on high maintenance costs and failing infrastructure. Problems include cracks, misalignments, broken sections subject to overflows, and undersized pipes. Projects included in this category have been coordinated with the highest priority needs identified by Utilities and Mecklenburg County Department of Land Use.



Notes

Account Number: 63644
 Appropriations to Date: \$95,324,618
 Estimated Balance June 30, 2009: \$500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000	1,000,000	1,000,000	1,000,000	1,300,000	5,300,000
Land Acquisition						
Construction	10,000,000	10,000,000	10,000,000	10,000,000	11,700,000	51,700,000
Equipment						
Other						
Total	11,000,000	11,000,000	11,000,000	11,000,000	13,000,000	57,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	3,445,000	11,000,000	11,000,000	11,000,000	13,000,000	49,445,000
Sewer Revenue Bonds	7,555,000					7,555,000
Total	11,000,000	11,000,000	11,000,000	11,000,000	13,000,000	57,000,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Sewer

Program Title: Sugar Creek WWTP Primary Clarifier Upgrades

Project provides for the design and construction of primary clarifier upgrades at the Sugar Creek Wastewater Treatment Plant. The structures, piping, and portions of the clarifier equipment are more than 20 years old and require upgrades, rehabilitation, and/or replacement prior to the proposed expansion of the WWTP in order to continue treating wastewater. The need is based on facilities that have exceeded their service life.



Notes

Account Number: 63453
Appropriations to Date: 0
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	960,000					960,000
Land Acquisition						
Construction	5,040,000					5,040,000
Equipment						
Other						
Total	6,000,000					6,000,000

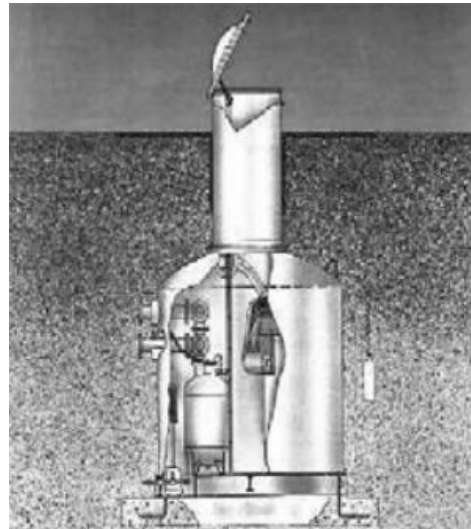
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	6,000,000					6,000,000
Bonds						

Total	6,000,000					6,000,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: Lift Station Improvements

The project is intended for the design and construction of improvements to multiple wastewater lift stations. The need is based on requirements for uninterrupted, continuous service and environmental protection. The following is a list of stations needing upgrades: Davidson College, Cornelius, Washam, Old Steele Creek, Deerwood, Six Mile, Jetton Road, Chapel Point, Pasafino, Catawba, Back Creek, and Westhall. The project will improve operations and safeguard the environment.



Notes

Account Number: 63334
 Appropriations to Date: \$7,849,000
 Estimated Balance June 30, 2009: \$200,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	1,500,000		460,000			1,960,000
Other						
Total	1,500,000		460,000			1,960,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	1,500,000		460,000			1,960,000
Bonds						

Total	1,500,000		460,000			1,960,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: Sugar WWTP Rehab and Upgrades

Project provides ongoing rehabilitation and upgrades to the Sugar Creek Wastewater Treatment Plant. Specific improvements include: rehabilitation of the existing chlorine building, demolition of the existing trickling filters, and secondary clarifier improvements (this does not include the clarifier covers). The projects are generally smaller in scale than separate CIP projects and are not of a magnitude to be considered stand alone projects. Need is based on ensuring optimum plant operations and compliance with treatment regulations.



Notes

Account Number: 63249
 Appropriations to Date: \$3,950,000
 Estimated Balance June 30, 2009: \$5,200

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	980,000	400,000	125,000	100,000	100,000	1,705,000
Equipment	420,000	100,000	125,000	100,000	100,000	845,000
Other						
Total	1,400,000	500,000	250,000	200,000	200,000	2,550,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	1,400,000	500,000	250,000	200,000	200,000	2,550,000
Bonds						

Total	1,400,000	500,000	250,000	200,000	200,000	2,550,000
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Operating Budget Impact: No significant impact to operating budget is anticipated.

Program Category: Sewer
Program Title: 66" McAlpine Creek Sewer Replacement

This project consists of replacing 700 LF of 66 inch RCP sewer line with a 78 inch. The purpose of this project is to replace a damaged portion of the pipe that was discovered during the Red Zone robotics inspection. This project was generated in the Planning group and is required to maintain current level of service and serve for future growth in the basin.



Notes

Account Number: 63454
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	90,000					90,000
Land Acquisition						
Construction	810,000					810,000
Equipment						
Other						
Total	900,000					900,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	900,000					900,000
Bonds						
Total	900,000					900,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: McAlpine W-1/W-3 Improvements

The existing W-1, W-3 and Sodium Bisulfite systems are in need of improvement to ensure continued reliable service. The W-1 line will provide a loop through the plant that should eliminate any pressure or supply problems. The W-3 improvements will make necessary repairs, ensure reliability, and reduce the demand on the W-1 system by providing W-3 connections to several pieces of equipment that are currently large W-1 consumers. The purpose of this project is to provide needed redundancy, reliability, flexibility and safety improvements for the W-1, W-3 and Sodium Bisulfite systems.



Notes

Account Number: 63816
 Appropriations to Date: \$2,500,000
 Estimated Balance June 30, 2009: \$300,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	800,000					800,000
Equipment						
Other						
Total	800,000					800,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	800,000					800,000
Bonds						

Total	800,000					800,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: Mallard WWTP Rehab and Upgrades

Project provides for the ongoing rehabilitation efforts and upgrades to the Mallard Creek WWTP. Project includes process monitoring and control instrumentation and chemical feed systems. Need is based on ensuring optimum plant operations and compliance with treatment permit requirements. The project meets the need by completing numerous small scale projects, generally not large enough to be considered capital projects on their own.



Notes

Account Number: 63235
 Appropriations to Date: \$3,950,000
 Estimated Balance June 30, 2009: \$60,295

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	700,000	1,200,000	500,000	350,000	100,000	2,850,000
Equipment						
Other						
Total	700,000	1,200,000	500,000	350,000	100,000	2,850,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	700,000	1,200,000	500,000	350,000	100,000	2,850,000
Bonds						
Total	700,000	1,200,000	500,000	350,000	100,000	2,850,000

Operating Budget Impact: No significant impact to operating budget is anticipated.

Program Category: Sewer
Program Title: McDowell WWTP Rehab and Upgrades

Project provides ongoing rehabilitation efforts and upgrades to the McDowell Creek Wastewater Treatment Plant. Need is based on ensuring optimum plant operations and compliance with NCDENR treatment regulations. The projects are generally smaller in scale than separate CIP projects and are not of a magnitude to be considered stand alone projects.



Notes

Account Number: 63233
 Appropriations to Date: \$910,000
 Estimated Balance June 30, 2009: \$125,210

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	600,000		400,000	190,000	400,000	1,590,000
Equipment				810,000		810,000
Other						
Total	600,000		400,000	1,000,000	400,000	2,400,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	600,000		400,000	1,000,000	400,000	2,400,000
Bonds						

Total	600,000		400,000	1,000,000	400,000	2,400,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: Irwin WWTP Rehab and Upgrades

Project provides funding for ongoing rehabilitation efforts and upgrades to the Irwin Creek Wastewater Treatment Plant. A list of specific projects within the program is reviewed yearly. Need is based on ensuring optimum plant operations and compliance with treatment permit requirements. The project meets the need by completing numerous small scale projects, generally not large enough to be considered capital projects on their own.



Notes

Account Number: 63232
 Appropriations to Date: \$5,800,000
 Estimated Balance June 30, 2009: \$548,778

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	400,000		200,000		200,000	800,000
Equipment						
Other						
Total	400,000		200,000		200,000	800,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	400,000		200,000		200,000	800,000
Bonds						
Total	400,000		200,000		200,000	800,000

Operating Budget Impact: No significant impact to operating budget is expected.

Program Category: Sewer
Program Title: Pump Station Elimination Program

The Pump Station Elimination Program provides for the removal of sewage pump stations via extension of gravity sewer lines. This program targets pump stations where growth of the sewer system has provided a feasible means to extend the gravity sewer to replace the pump station. The benefits of the program include elimination of energy costs associated with pumping, reduced operations and maintenance requirements, and reduced risk of pump station failures.



Notes

Account Number: 63360
 Appropriations to Date: \$2,608,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	200,000					200,000
Equipment						
Other						
Total	200,000					200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	200,000					200,000
Bonds						

Total	200,000					200,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: Lift Station Communications SCADA

The proposed project consists of upgrading the reporting capabilities of un-attended wastewater lift stations. Project will replace existing communication system with an upgraded, more reliable system. The upgraded communications system will expand service to all lift stations. Need is based on ability to monitor lift station function and respond to station malfunctions with corrective action.



Notes

Account Number: 63159
 Appropriations to Date: \$245,000
 Estimated Balance June 30, 2009: \$82,778

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	50,000					50,000
Land Acquisition						
Construction						
Equipment	90,000	100,000				190,000
Other						
Total	140,000	100,000				240,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	140,000	100,000				240,000

Total	140,000	100,000				240,000
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Operating Budget Impact: Additional costs for on-going communications, IT support and maintenance may be partially offset by reduced labor from fewer site visits.

**PROVIDE
SERVICE TO
EXISTING
RESIDENCE**

Program Category: Sewer
Program Title: Street and Minor Sewer Main Extension

Project provides for sewer service extensions to residential customers within 1,000 feet or less of an existing sewer line per Council approved policy. Project also provides for extensions when health hazards arise in association with failed septic tanks, demand beyond capacity, or failure of on-site disposal systems. Need is based on customer requests and on the presence of bonafide health hazards.



Notes

Account Number: 63379
 Appropriations to Date: \$129,156,640
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	616,000	616,000	616,000	616,000	616,000	3,080,000
Land Acquisition	77,000	77,000	77,000	77,000	77,000	385,000
Construction	6,930,000	6,930,000	6,930,000	6,930,000	6,930,000	34,650,000
Equipment	77,000	77,000	77,000	77,000	77,000	385,000
Other						
Total	7,700,000	7,700,000	7,700,000	7,700,000	7,700,000	38,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund		4,490,000	4,050,000	7,700,000	7,700,000	23,940,000
Sewer Revenue Bonds	7,700,000	3,210,000	3,650,000			14,560,000
Total	7,700,000	7,700,000	7,700,000	7,700,000	7,700,000	38,500,000

Operating Budget Impact: Additional costs are anticipated for labor, service call response and routine maintenance.

Program Category: Sewer
Program Title: New Service Installation Sewer

Project provides for the installation of residential or commercial sewer connections to the Charlotte-Mecklenburg Utility collection system. Need is based on customer demand for service installations. New service installations were previously a part of the operating budget.



Notes

Account Number: 63216
 Appropriations to Date: \$18,820,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	200,000	200,000	200,000	200,000	200,000	1,000,000
Land Acquisition						
Construction	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	6,500,000
Equipment						
Other						
Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

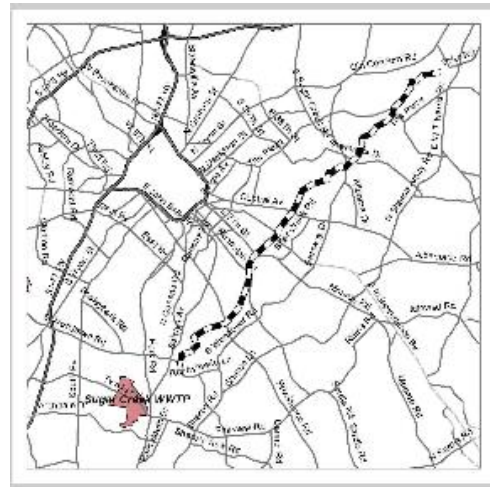
Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
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Operating Budget Impact: As new services are installed, additional man-hours for service call response and routine maintenance are anticipated.

REGULATORY REQUIREMENTS

Program Category: Sewer
Program Title: Briar Creek Relief Sewer

Project provides for the design and construction of a major relief sewer ranging in size from 18 inches to 72 inches in diameter to meet projected flows within the Briar Creek basin. Project is located from the Sugar Creek Wastewater Treatment Plant to the Hampshire Hills subdivision near Harris Boulevard and Plaza Road Extension. Need is based on a 2001 study by Camp Dresser and McKee which recommended improvements that provide capacity and addresses health and environmental issues which could arise from outgrowing the capacity of the existing infrastructure. The project meets the need by providing additional capacity in the Briar Creek basin.



Notes

Account Number: 63140
 Appropriations to Date: \$135,922,000
 Estimated Balance June 30, 2009: \$28,000,000

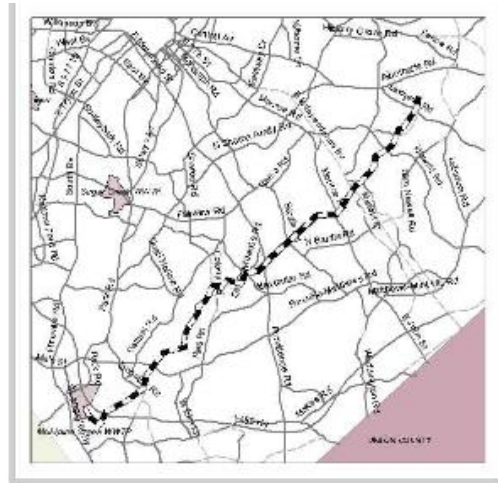
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	22,000,000			20,000,000		42,000,000
Equipment						
Other						
Total	22,000,000			20,000,000		42,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund				20,000,000		20,000,000
Sewer Revenue Bonds	22,000,000					22,000,000
Total	22,000,000			20,000,000		42,000,000

Operating Budget Impact: As system size increases, additional costs for operation and routine maintenance are anticipated.

Program Category: Sewer
Program Title: McAlpine Relief Sewer

Project provides for design and construction of a relief sewer ranging in size from 30 inches to 78 inches in diameter to meet projected increased flows in the McAlpine Creek drainage basin. The project originates at McAlpine Creek Wastewater Treatment Plant and terminates just west of Wilson Grove Road. The purpose of the project is to provide a sanitary sewer interceptor that will meet current and future service needs and eliminate aerial creek crossings. Need is based on the requirement for additional wastewater collection capacity in the basin and to protect water resources from potential overflows.



Notes

Account Number: 63351
 Appropriations to Date: \$78,570,000
 Estimated Balance June 30, 2009: \$30,000,000

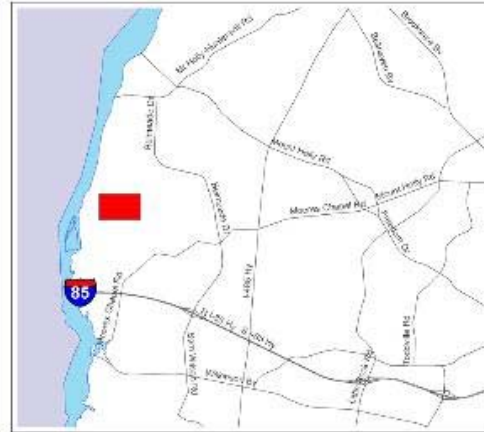
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	18,430,000					18,430,000
Equipment						
Other						
Total	18,430,000					18,430,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	18,430,000					18,430,000
Bonds						
Total	18,430,000					18,430,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and routine maintenance are anticipated.

Program Category: Sewer
Program Title: Flow EQ Basin at Long Creek

This project consists of constructing a new 4MG equalization tank near Long Creek Pump Station. During recent high rainfall events, it was observed that the current EQ basin at Long Creek was not able to handle additional flows. This project meets the need for increased capacity to handle the additional flows.



Notes

Account Number: 63906
 Appropriations to Date: 0
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000					500,000
Land Acquisition						
Construction	5,500,000					5,500,000
Equipment						
Other						
Total	6,000,000					6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	6,000,000					6,000,000
Bonds						

Total	6,000,000					6,000,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: Mallard Creek WWTP Clarifier and Flood Protection

This project provides for various flood protection measures at the Mallard Creek Wastewater Treatment Plant. The need for this project is a result of flood elevations rising in the Mallard Creek basin according to the latest floodplain mapping project.



Notes

Account Number: 63158
 Appropriations to Date: \$2,000,000
 Estimated Balance June 30, 2009: \$1,300,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	5,000,000					5,000,000
Equipment						
Other						
Total	5,000,000					5,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	5,000,000					5,000,000
Bonds						

Total	5,000,000					5,000,000
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Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: WW System Evaluation

The project provides for an in-depth evaluation of wastewater capacity system policies, operations, and capital expenditures focused on the elimination of potential sanitary sewer overflows. This project also includes the development and implementation of the Capacity Assurance Program (CAP). The CAP will provide for more in depth analysis of the Capacity of the collection, transmission, and treatment systems to ensure that new connections to the system will not negatively impact the system. Expenditures such as lift station analysis, temporary (and possibly permanent) flow monitoring, hydraulic modeling, and other professional services related to the CAP will be funded through this project.



Notes

Account Number: 63271
 Appropriations to Date: \$1,500,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,350,000					1,350,000
Land Acquisition						
Construction						
Equipment						
Other						
Total	1,350,000					1,350,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	1,350,000					1,350,000

Total	1,350,000					1,350,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Sewer

Program Title: Wastewater Master Plan Study

The project consists of an evaluation of the components of the Wastewater Collection and/or Treatment systems to identify ways to optimize and improve system performance and to forecast future needs. The purpose of this project is to evaluate the current and potential future needs for wastewater service and to develop strategies and methods to meet those needs.



Notes

Account Number: 63165
Appropriations to Date: \$305,000
Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design			750,000	750,000		1,500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total			750,000	750,000		1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund			750,000	750,000		1,500,000

Total			750,000	750,000		1,500,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

**SUPPORT FOR
OTHER PUBLIC
PROJECTS AND
FOR UTILITIES
OPERATIONS**

Program Category: Sewer
Program Title: Sewer Lines in Streets to be Widened

Project provides for the relocation of sewer lines that conflict with new highway construction or roadway improvements. The purpose of this project is to either relocate sewer lines that will be in the way of NCDOT during the construction of their projects, or to take advantage of installing new lines for future use during the time of roadway construction. The need is based on the requirement that Utilities relocate sewer lines that could conflict with both City and State road re-construction.



Notes

Account Number: 63324
 Appropriations to Date: \$27,685,889
 Estimated Balance June 30, 2009: \$450,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	900,000					900,000
Land Acquisition						
Construction	2,850,000	750,000	750,000	750,000	750,000	5,850,000
Equipment						
Other						
Total	3,750,000	750,000	750,000	750,000	750,000	6,750,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	3,750,000	750,000	750,000	750,000	750,000	6,750,000
Bonds						

Total	3,750,000	750,000	750,000	750,000	750,000	6,750,000
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Operating Budget Impact: No significant impact to the perating budget is anticiapated.

Program Category: Sewer

Program Title: Technology Investments - Computerized Mtc Mgmt Sys

The project includes the design and implementation of a Computerized Maintenance Management System for Wastewater Treatment and Field Operations Divisions handling Lift Stations. The first phase of the project is to evaluate current practices and departmental process needs, then select a system(s) that is/are most appropriate for the objectives of the project. The project will meet the need by avoiding inventory shortfalls, maximize asset life, improve asset performance and reduce unscheduled maintenance funding in the operating budget.



Notes

Account Number: 63157
 Appropriations to Date: \$2,025,000
 Estimated Balance June 30, 2009: \$1,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000	225,000				725,000
Land Acquisition						
Construction			200,000	200,000	200,000	600,000
Equipment						
Other						
Total	500,000	225,000	200,000	200,000	200,000	1,325,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	500,000	225,000	200,000	200,000	200,000	1,325,000

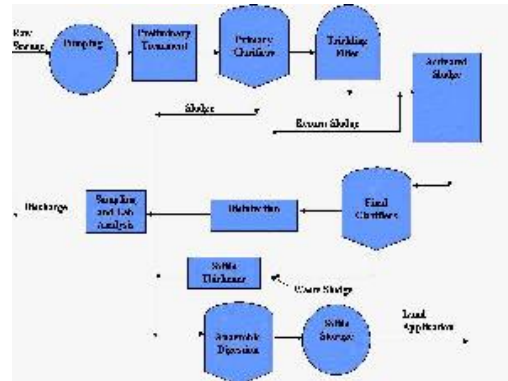
Total	500,000	225,000	200,000	200,000	200,000	1,325,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Sewer

Program Title: Long Creek WWTP to 11 mgd

This project provides for up to 11 mgd of capacity at a proposed treatment plant at Long Creek, near the Long Creek pump station. The project is a joint venture with the City of Mt. Holly to address wastewater treatment needs for both Charlotte-Mecklenburg and Mt. Holly. The pricing below represents the total cost of facilities; Mt. Holly's portion will be determined at a later time. Need is based on population projections of increasing population from the 2005 Regional Population and Employment Projection Study which indicate increased population, resulting in the need for additional wastewater treatment capacity. The project meets the need due to growth in the metro area.



Notes

Account Number: 63809
 Appropriations to Date: \$10,000,000
 Estimated Balance June 30, 2009: \$9,452,908

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		187,000,000				187,000,000
Equipment						
Other						
Total		187,000,000				187,000,000

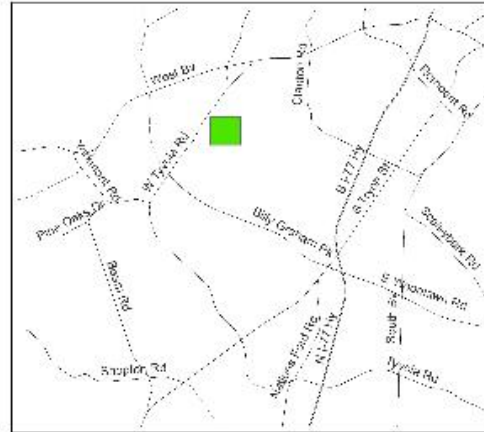
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue		187,000,000				187,000,000
Bonds						

Total		187,000,000				187,000,000
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Operating Budget Impact: Once the facility is operational additional energy expenses are anticipated.

Program Category: Sewer
Program Title: WW Collect Div. Site Needs

Project provides for the design and construction for the new Field Operations facility in Zone 4 that will be built at the Irwin Creek wastewater treatment plant.



Notes

Account Number: 63294
 Appropriations to Date: \$12,850,000
 Estimated Balance June 30, 2009: \$11,200,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		3,500,000				3,500,000
Equipment						
Other						
Total		3,500,000				3,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue		3,500,000				3,500,000
Bonds						

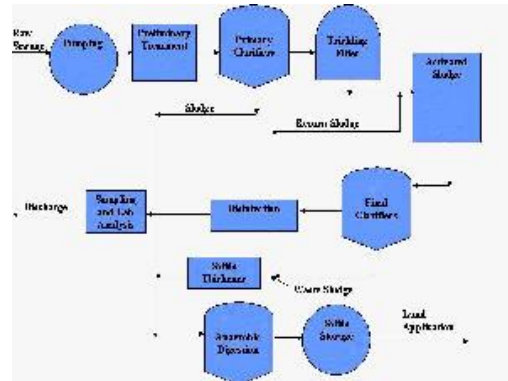
Total		3,500,000				3,500,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

SUPPORT GROWTH AND DEVELOPMENT

Program Category: Sewer
Program Title: Sugar Creek WWTP Exp to 28 MGD

This project provides for additional wastewater treatment capacity at Sugar Creek Wastewater Treatment Plant. The scope of the project is based on a preliminary planning study and projected permit treatment limits. Need is based on a 2006 study by CH2MHill.



Notes

Account Number: 63811
 Appropriations to Date: \$8,000,000
 Estimated Balance June 30, 2009: \$700,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	115,300,000					115,300,000
Equipment						
Other						
Total	115,300,000					115,300,000

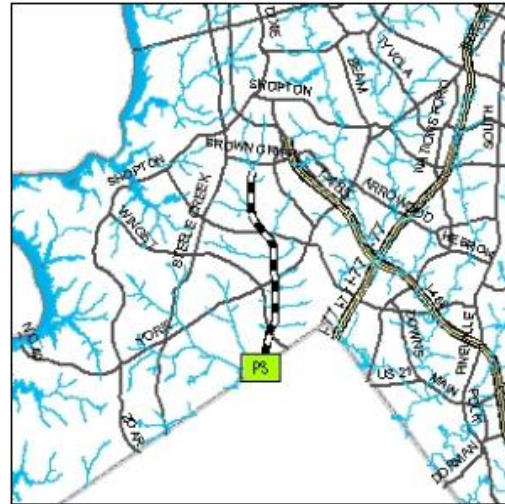
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	115,300,000					115,300,000
Bonds						

Total	115,300,000					115,300,000
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Operating Budget Impact: Once the facility is operational additional energy expenses are anticipated.

Program Category: Sewer
Program Title: Steele Creek Parallel Outfall

Steele Creek Parallel Outfall consists of approximately: 7,200 LF of 30 inch, 3,000 LF of 24 inch, and 2,000 LF of 18 inch sewer lines. The purpose of the project is to increase wastewater collection system capacity in the Steele Creek basin. Planning level design was completed; however, pipe sizes and lengths are subject to change depending on the which alternative is chosen as the final site for the station. The need is based on increased growth and development in southwest Charlotte.



Notes

Account Number: 63220
 Appropriations to Date: \$1,000,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	6,000,000					6,000,000
Equipment						
Other						
Total	6,000,000					6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	6,000,000					6,000,000
Bonds						

Total	6,000,000					6,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer

Program Title: McAlpine Creek WMF Rehab and Upgrades

Project provides on-going rehabilitation efforts and upgrades to the McAlpine Creek Wastewater Treatment Plant. This project includes correction of operational deficiencies, construction of items previously deleted from proposed projects, or replacement of items which have exceeded their useful service life. Specific efforts include HVAC repair, demolition of trickling filters, replacement of air release valves, pump station rehabilitations, replacement of drives on primary clarifiers, etc. Need is based on ensuring optimum plant operation and compliance with treatment regulations.



Notes

Account Number: 63795
Appropriations to Date: \$10,000,000
Estimated Balance June 30, 2009: \$1,031,663

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design		50,000				50,000
Land Acquisition						
Construction	1,700,000	300,000	1,500,000	1,000,000	750,000	5,250,000
Equipment	300,000	650,000			750,000	1,700,000
Other						
Total	2,000,000	1,000,000	1,500,000	1,000,000	1,500,000	7,000,000

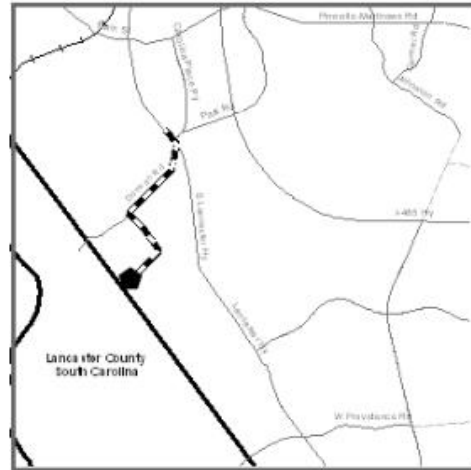
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue	2,000,000	1,000,000	1,500,000	1,000,000	1,500,000	7,000,000
Bonds						

Total	2,000,000	1,000,000	1,500,000	1,000,000	1,500,000	7,000,000
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Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Sewer
Program Title: Pineville Regional LS and Force Main

Project provides for a lift station and force main to provide sewer service to a portion of south Mecklenburg County that is not currently served. Need is based on anticipated growth in this area. Project will eliminate the likelihood of multiple lift stations in the southwestern part of the county.



Notes

Account Number: 63805
 Appropriations to Date: \$1,000,000
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					150,000	150,000
Land Acquisition						
Construction					1,350,000	1,350,000
Equipment						
Other						
Total					1,500,000	1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,500,000	1,500,000
Bonds						

Total					1,500,000	1,500,000
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Operating Budget Impact: As the size of the system increases additional resources for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: Developer Constructed Sewer - Reimbursable

Project provides for reimbursement to qualified applicants for the cost of construction of improvements identified in the needs document, but not viewed by the Utility as high priority. Projects in this category are in the CIP and would typically be built at a future date by the Utility, but are advanced with a developer's willingness to fund the construction earlier than funding priorities in the CIP would allow. Project supports redevelopment and investment in areas currently served by Utilities. The need is based on continued growth and development within the service area.



Notes

Account Number: 63161
 Appropriations to Date: \$3,400,000
 Estimated Balance June 30, 2009: \$1,100,000

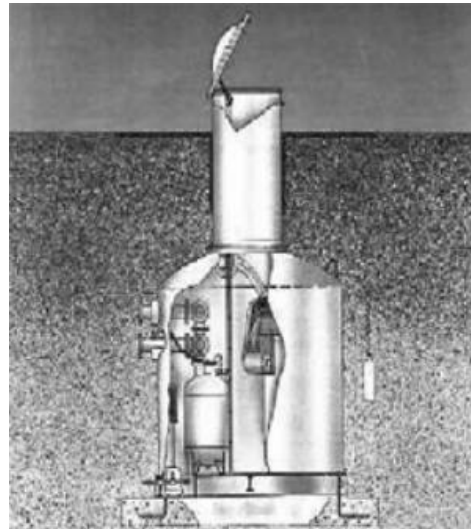
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	800,000	500,000	500,000	500,000		2,300,000
Equipment						
Other						
Total	800,000	500,000	500,000	500,000		2,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund	800,000					800,000
Sewer Revenue Bonds		500,000	500,000	500,000		1,500,000
Total	800,000	500,000	500,000	500,000		2,300,000

Operating Budget Impact: No significant impact to the operating budget is anticipated.

Program Category: Sewer
Program Title: Steele Creek LS Replacement

Project will provide for the study, design, and construction of a replacement for Steele Creek Lift Station. Project was proposed in the 2004 Steele Creek Basin Study completed by LandDesign. The need is based on increased growth and development in Southwest Charlotte.



Notes

Account Number: 63221
 Appropriations to Date: \$22,000,000
 Estimated Balance June 30, 2009: \$18,000,000

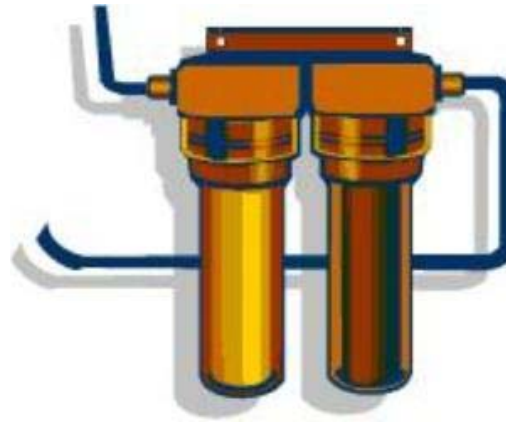
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		20,200,000				20,200,000
Equipment						
Other						
Total		20,200,000				20,200,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue		20,200,000				20,200,000
Bonds						
Total		20,200,000				20,200,000

Operating Budget Impact: Once the facility is operational additional energy expenses are anticipated.

Program Category: Sewer
Program Title: McAlpine Creek WWTP Filters

This project provides for rehabilitation of the McAlpine Creek Wastewater Treatment Plant to reliably meet all discharge permit requirements for treating 64 MGD. Need is based on a study completed by CH2MHill indicating improvements needed to meet demands in the basin. The project meets the need by providing wastewater treatment capacity in the basin.



Notes

Account Number: 63810
 Appropriations to Date: \$22,000,000
 Estimated Balance June 30, 2009: \$19,551,858

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction		9,900,000				9,900,000
Equipment						
Other						
Total		9,900,000				9,900,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue		9,900,000				9,900,000
Bonds						

Total		9,900,000				9,900,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer

Program Title: Mallard Creek WRF Effluent Filter Expansion

Project provides for the design and construction of effluent filters at the Mallard WWTP. A study conducted by the Consulting Engineer (Black and Veatch) shows that new filters are necessary to meet permitting, redundancy, and capacity requirements. The condition of the existing filters was evaluated by visual inspection and analysis of existing plant and filter operation and maintenance data. The project will alleviate the unreliable performance and high maintenance costs attributed to existing traveling bridge filters.



Notes

Account Number: 63336
Appropriations to Date: \$100,000
Estimated Balance June 30, 2009: \$23,431

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction				18,700,000		18,700,000
Equipment						
Other						
Total				18,700,000		18,700,000

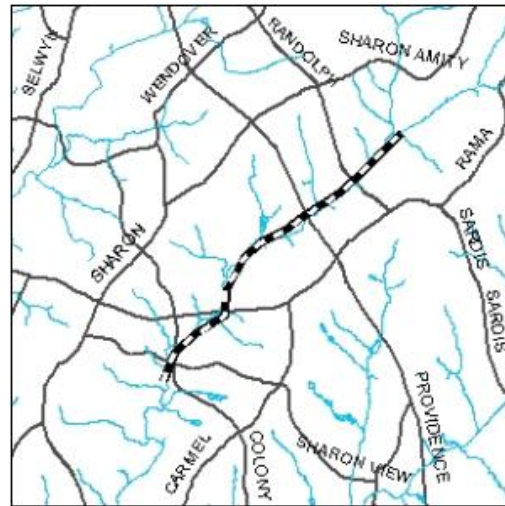
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund				8,600,000		8,600,000
Sewer Revenue Bonds				10,100,000		10,100,000
Total				18,700,000		18,700,000

Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer

Program Title: McMullen Creek Flow EQ & Relief Sewer

This project provides for the design and construction of an 18 to 24 inch diameter parallel sewer to meet increasing demands in the basin. The project will provide flow equalization and parallel relief sewer for the McMullen Creek trunk sewer to prevent wet weather sewer overflows. Preliminary planning indicated a 2.2 MG Flow Equalization basin facility near Fairfield Road and approximately 15,000 LF of relief sewer sized from 18 to 24 inch. Need is based on increasing demand in the area.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

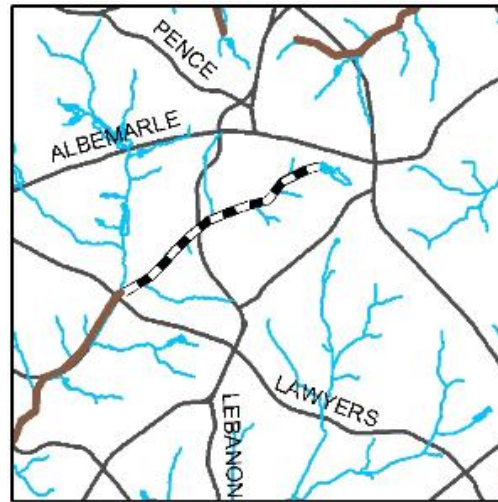
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction				2,000,000	9,000,000	11,000,000
Equipment						
Other						
Total				2,000,000	9,000,000	11,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund					5,000,000	5,000,000
Sewer Revenue Bonds				2,000,000	4,000,000	6,000,000
Total				2,000,000	9,000,000	11,000,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: Upper McAlpine Creek Relief Sewer

The project provides for the design and construction of approximately 13,000 LF of 36 inch diameter sewer. The purpose of the project is to accommodate flows from the proposed Middle Clear Creek LS. The proposed sewer would extend from Lawyers Road to Wilgrove Mint Hill Road, approximately 13,000 LF. The need is based on the lack of infrastructure in the area.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design				500,000		500,000
Land Acquisition						
Construction					4,500,000	4,500,000
Equipment						
Other						
Total				500,000	4,500,000	5,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue				500,000	4,500,000	5,000,000
Bonds						

Total				500,000	4,500,000	5,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: McDowell Basin Trunk Sewers

The project provides for the design and construction of approximately 112,000 LF of 12 - 60 inch diameter sewer lines to serve either as replacement or parallel sewers in the McDowell Creek Basin. The need is based on the lack of sufficient infrastructure due to increasing demands. The project was recommended in the 2004 McDowell Creek Basin Wastewater Master Plan by Black and Veatch.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					17,000,000	17,000,000
Land Acquisition						
Construction						
Equipment						
Other						
Total					17,000,000	17,000,000

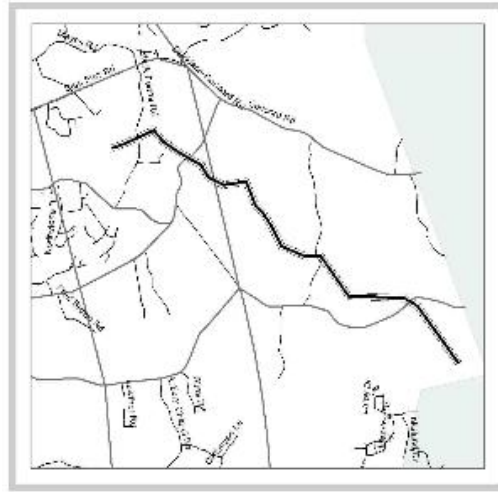
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Water/Sewer Operating Fund					17,000,000	17,000,000

Total					17,000,000	17,000,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: Ramah Creek Trunk Sewer

This project provides approximately 25,850 linear feet of 15 inch sewer line along Ramah Road. The need for this project is based upon the anticipated rapid growth in the area. This project meets the need by constructing the needed sewer outfall.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

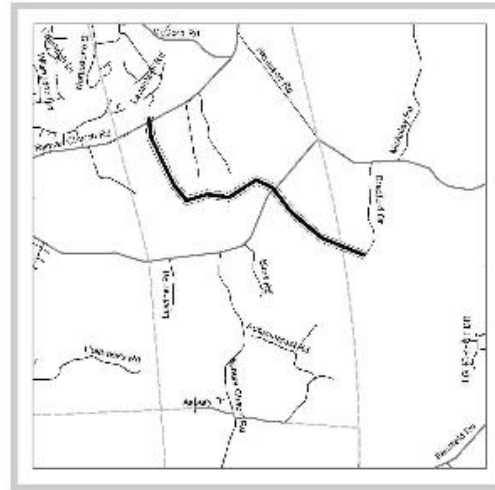
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction					6,000,000	6,000,000
Equipment						
Other						
Total					6,000,000	6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					6,000,000	6,000,000
Bonds						
Total					6,000,000	6,000,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: Clarkes Creek to Ramah Church Road

This project provides for 12,052 feet of 12 inch sewer line along Clarkes Creek to Ramah Church Rd. The need for this project is based upon the anticipated rapid growth in the area. This project meets the need by constructing the needed sewer outfall.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					500,000	500,000
Land Acquisition						
Construction					2,400,000	2,400,000
Equipment						
Other						
Total					2,900,000	2,900,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					2,900,000	2,900,000
Bonds						

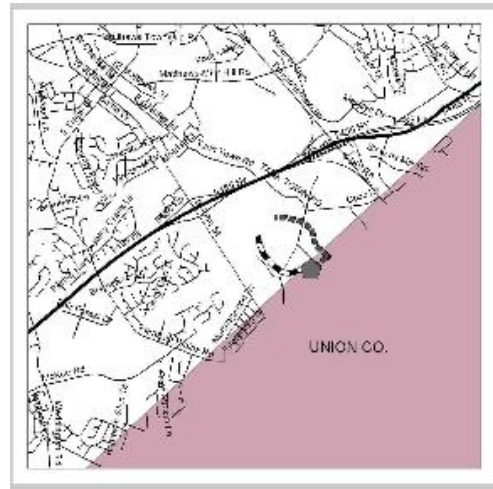
Total					2,900,000	2,900,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer

Program Title: Campus Ridge Rd. LS, FM & Gravity Sewer

This project provides for the design and construction of approximately 4,200 feet of 12 inch gravity sewer, force main, and lift station on Campus Ridge Rd. in south Charlotte. The need for this project is based upon the anticipated rapid growth in the area. This project meets the need by constructing the gravity sewer line, force main, and lift station.



Notes

Account Number:

Appropriations to Date:

Estimated Balance June 30, 2009:

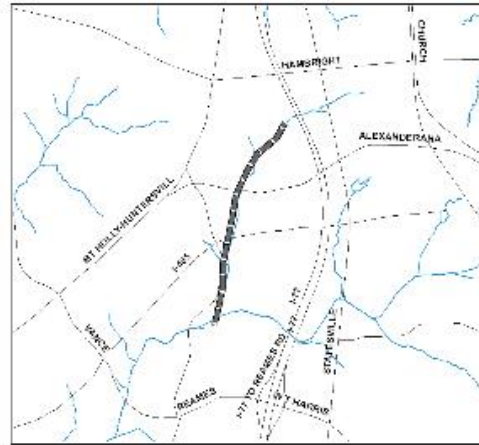
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction					2,500,000	2,500,000
Equipment						
Other						
Total					2,500,000	2,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					2,500,000	2,500,000
Bonds						
Total					2,500,000	2,500,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: Dixon Branch Trunk Sewer Extension

This project consists of the design and construction of approximately 7,000 LF of 18 inch diameter sewer to serve the Dixon Branch basin. The project was requested to provide service for the Dixon Branch basin in the periphery of NorthLake Mall. The need is based on the lack of infrastructure in the basin.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					200,000	200,000
Land Acquisition						
Construction					1,400,000	1,400,000
Equipment						
Other						
Total					1,600,000	1,600,000

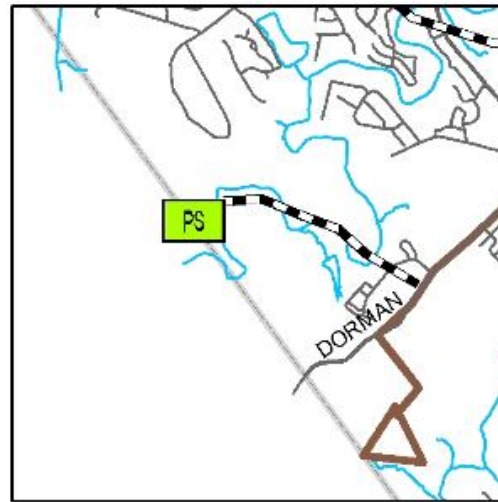
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,600,000	1,600,000
Bonds						

Total					1,600,000	1,600,000
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: Little Sugar Creek Lift Station

This project is for the design and construction of a new Lift Station sited on Little Sugar Creek at the NC/SC state line. The 650 acre basin is only partially sewered and this facility will provide service to the remainder of the basin and permit future elimination of the Lakeview and Meadow Creek lift stations. The need is based on development community interest to extend sewer service into this basin.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

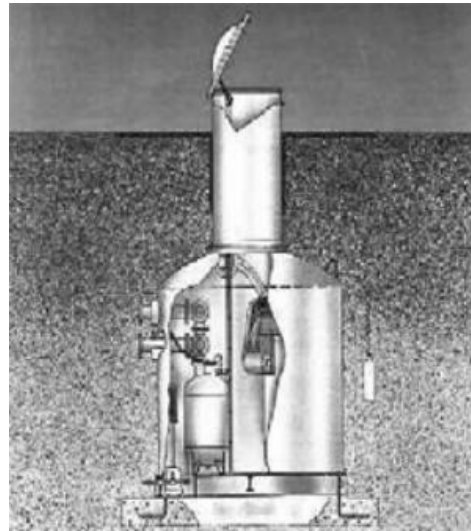
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					150,000	150,000
Land Acquisition						
Construction					1,350,000	1,350,000
Equipment						
Other						
Total					1,500,000	1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,500,000	1,500,000
Bonds						
Total					1,500,000	1,500,000

Operating Budget Impact: As system size increases, additional costs for operation and routine maintenance are anticipated.

Program Category: Economic Development
Program Title: McCullough Branch LS Improvements

This project will provide for the replacement or upgrades of the McCullough Branch LS with a new facility sized to accommodate the build-out conditions of the basin. The project originated in the Planning Section in response to continued growth in the basin.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

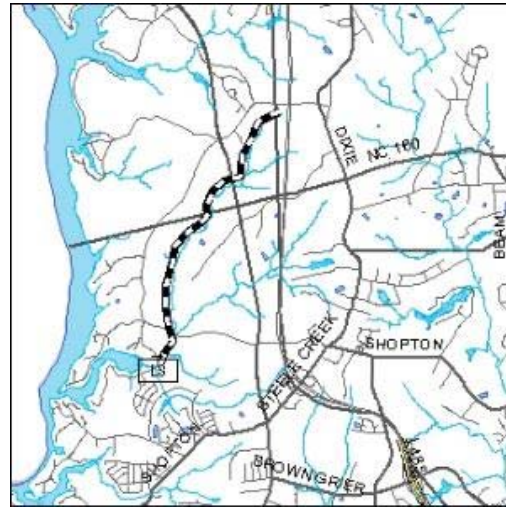
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					1,500,000	1,500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total					1,500,000	1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,500,000	1,500,000
Bonds						
Total					1,500,000	1,500,000

Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Sewer
Program Title: Beaver Dam Creek West Branch Outfall

This project consists of the design and construction of a gravity outfall along Beaver Dam Creek West Branch. This outfall is tributary to the existing Beaver Dam Creek Lift Station & Force Main. Need for the project is based on the lack of infrastructure in this area. The project provides needed infrastructure to meet increasing demands.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

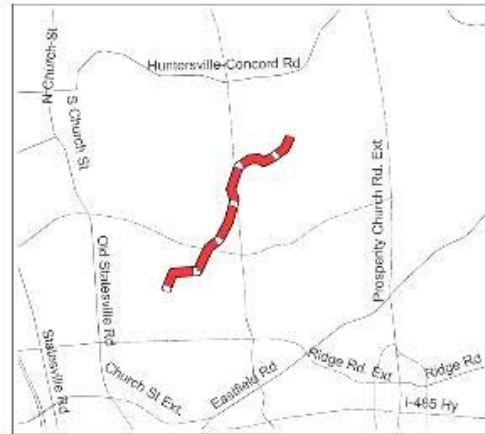
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					300,000	300,000
Land Acquisition						
Construction					1,000,000	1,000,000
Equipment						
Other						
Total					1,300,000	1,300,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,300,000	1,300,000
Bonds						
Total					1,300,000	1,300,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: Cane Creek Outfall

This project provides for 11,605 linear feet of 15 inch sewer line along Cane Creek in Northeast Charlotte. The need for this project is based upon the anticipated rapid growth in the area. This project meets the need by constructing the needed sewer outfall.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					185,000	185,000
Land Acquisition						
Construction					1,045,500	1,045,500
Equipment						
Other						
Total					1,230,500	1,230,500

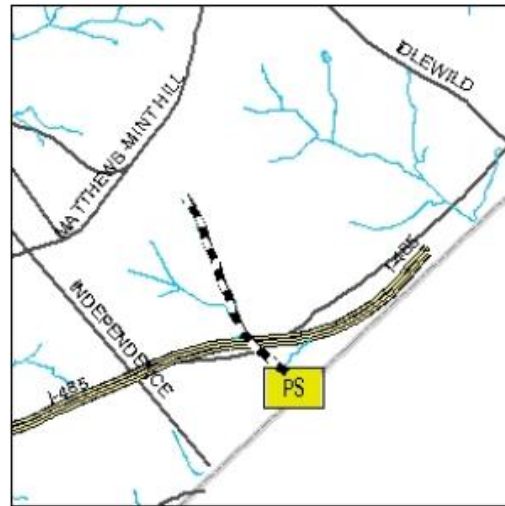
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,230,500	1,230,500
Bonds						

Total					1,230,500	1,230,500
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Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance are anticipated.

Program Category: Sewer
Program Title: North Fork of Crooked Creek

This project provides for the design and construction of approximately 3,400 linear feet of 12 inch sewer along the North Fork of Crooked Creek. The project will eliminate a lift station upstream from the project. The need for this project is based upon the anticipated rapid growth in the area. This project meets the need by eliminating and smaller lift station mid-way up the basin and constructing the needed sewer outfall to accommodate service within the basin.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction					1,100,000	1,100,000
Equipment						
Other						
Total					1,100,000	1,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,100,000	1,100,000
Bonds						
Total					1,100,000	1,100,000

Operating Budget Impact: As system size increases, additional costs for operation and routine maintenance is anticipated.

Program Category: Sewer
Program Title: Rocky River (South Prong) to Mayes

This project provides for the design and construction of a 12 inch diameter sewer line along south prong of Rocky River to Mayes Rd. The need for this project is based upon the anticipated growth in the area. This project meets the need by constructing the needed sewer outfall.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					170,000	170,000
Land Acquisition						
Construction					930,000	930,000
Equipment						
Other						
Total					1,100,000	1,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,100,000	1,100,000
Bonds						
Total					1,100,000	1,100,000

Operating Budget Impact: As the size of the system increases, additional resources for operation and maintenance is anticipated.

Program Category: Sewer
Program Title: Upper Clear Creek Tributary Sewer

This proposed project will extend gravity sewer into the Upper Clear Creek basin. The proposed gravity sewer would extend from approximately I-485 and Blair Road upstream along the Clear Creek Tributary towards Surface Hill Road, approximately 5,000 LF of 8 inch and 12 inch pipes. The need for this project was identified as part of the Clear Creek and Irvins Creek Basin Study (LandDesign, March 2003) to extend sewer service into the Upper Clear Creek basin. Potential impacts from delaying this project would limit the amount of growth that can take place in this basin.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction					1,000,000	1,000,000
Equipment						
Other						
Total					1,000,000	1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					1,000,000	1,000,000
Bonds						
Total					1,000,000	1,000,000

Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Economic Development
Program Title: Lake Road Trunk Sewer (Matthews)

This project is approximately 5,000 LF of 8 inch sanitary sewer that will extend from existing connection under I-485 to the intersection of Truelight Church Rd. and Lake Rd. along Clear Creek. The purpose of this project is to provide sanitary sewer to existing home owners with failing septic systems and for future development in the basin. The CMU Planning Department was approached by the Town of Mint Hill to discuss the possibilities of building a sewer in this region. The current home owners are having issues with septic system failures.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					625,000	625,000
Land Acquisition						
Construction						
Equipment						
Other						
Total					625,000	625,000

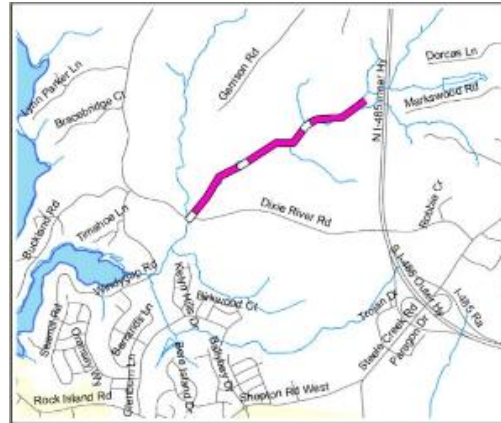
Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					625,000	625,000
Bonds						
Total					625,000	625,000

Operating Budget Impact: No significant impact to the operation budget is anticipated.

Program Category: Economic Development

Program Title: Beaver Dam Creek Tributary Sewer

This project is approximately 2,600 LF of 24 inch sanitary sewer that will extend along Beaver Dam Creek Tributary from the proposed CMS property to Dixie River Rd. connecting to the existing Beaver Dam 24 inch trunk sewer. The purpose of this project is to provide sanitary sewer as requested by CMS to the proposed Berewick Elementary school. It will also serve future development in the basin.



Notes

Account Number: 63153
 Appropriations to Date: \$569,008
 Estimated Balance June 30, 2009: 0

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design					500,000	500,000
Land Acquisition						
Construction						
Equipment						
Other						
Total					500,000	500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Sewer Revenue					500,000	500,000
Bonds						
Total					500,000	500,000

Operating Budget Impact: No significant impact to the operation budget is anticipated.

Facility Investments Tab

FACILITY INVESTMENTS

POLICY ASSUMPTIONS

1. To ensure compliance with the Americans with Disabilities Act (ADA), Occupational Safety and Health Act (OSHA), Environmental Protection Agency (EPA), and other legal mandates.
2. To ensure the structural and operational integrity and efficiency of all City buildings through on-going programs for roof, HVAC replacement (heating, ventilation, and air conditioning), parking lot and deck repairs, energy efficiency improvements and building structural renovations.
3. To ensure adequate working conditions for all City employees such that all facilities promote pride in work resulting in greater efficiencies and employee retention.

PROJECT TITLE	FY10	FY11	FY12	FY13	FY14	TOTAL
FACILITY INVESTMENTS						
Building Maintenance Program	\$3,300,000	\$3,300,000	\$3,400,000	\$3,500,000	\$3,600,000	\$17,100,000
Roof Replacement Program	1,200,000	1,200,000	1,300,000	1,400,000	1,500,000	6,600,000
Parking Lot and Deck Repairs	300,000	300,000	300,000	300,000	300,000	1,500,000
Government Plaza Building Maintenance	600,000	650,000	650,000	700,000	750,000	3,350,000
Government Center Re-Caulking			6,000,000			6,000,000
Fire Station Renovations				400,000	600,000	1,000,000
Public Safety Digital Communications Upgrade	4,272,940					4,272,940
Landscape Maintenance and Renovation	250,000	250,000	250,000	250,000	250,000	1,250,000
Eastland Fire Station	6,075,000					6,075,000
Consolidated Fire Headquarters	5,000,000	5,000,000				10,000,000
Providence Police Station	2,600,000	3,400,000				6,000,000
Technology Investments	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
TOTAL FACILITY INVESTMENTS	\$25,597,940	\$16,100,000	\$13,900,000	\$8,550,000	\$9,000,000	\$73,147,940

FACILITY INVESTMENTS REVENUE SUMMARY

COPs - Radio System - Authorized	4,272,940					4,272,940
COPs - Eastland Fire Station - Authorized	6,075,000					6,075,000
COPs - Providence Police Station - TBA	2,600,000	3,400,000				6,000,000
COPs - Consolidated Fire Headquarters-TBA	5,000,000	2,500,000				7,500,000
Sale of Land (portion of Central Yard)			2,000,000			2,000,000
Pay-As-You-Go Fund	7,650,000	10,200,000	11,900,000	8,550,000	9,000,000	47,300,000
TOTAL REVENUES	\$25,597,940	\$16,100,000	\$13,900,000	\$8,550,000	\$9,000,000	\$73,147,940

Program Category: Facility Investments

Program Title: Building Maintenance

This project provides funding for heating, ventilation, and air conditioning (HVAC) system replacements, minor structural modifications, plumbing and electrical upgrades, and building equipment purchases and energy management upgrades for over 186 facilities, including 38 fire stations. The need is based on maintaining structural and operational integrity of City facilities.



Notes

Account Number: 48040
Appropriations to Date: \$36,094,517
Estimated Balance June 30, 2009: \$200,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	500,000	500,000	500,000	500,000	550,000	2,550,000
Land Acquisition						
Construction	1,800,000	1,800,000	1,900,000	2,000,000	2,000,000	9,500,000
Equipment	1,000,000	1,000,000	1,000,000	1,000,000	1,050,000	5,050,000
Other						
Total	3,300,000	3,300,000	3,400,000	3,500,000	3,600,000	17,100,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	3,300,000	3,400,000	3,500,000	3,600,000	3,700,000	17,500,000
Total	3,300,000	3,400,000	3,500,000	3,600,000	3,700,000	17,500,000

Operating Budget Impact: This project will not impact the operating budget.

Program Category: Facility Investments

Program Title: Roof Replacement Program

This project provides for the management of over 100 roof systems for public facilities that are maintained by Engineering's Building Maintenance Division. The program includes scheduled maintenance, leak monitoring, minor and major repairs and systematic replacement of deteriorated roof systems that are jeopardizing the building's structural integrity. The program manages approximately 1.6 million square feet of roof.



Notes

Account Number: 48045
Appropriations to Date: \$9,995,000
Estimated Balance June 30, 2009: \$200,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	250,000	250,000	275,000	275,000	275,000	1,325,000
Land Acquisition						
Construction	800,000	800,000	896,000	995,000	1,095,000	4,586,000
Equipment	150,000	150,000	129,000	130,000	130,000	689,000
Other						
Total	1,200,000	1,200,000	1,300,000	1,400,000	1,500,000	6,600,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	1,200,000	1,200,000	1,300,000	1,400,000	1,500,000	6,600,000

Total	1,200,000	1,200,000	1,300,000	1,400,000	1,500,000	6,600,000
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Operating Budget Impact: The project will not impact the operating budget.

Program Category: Facility Investments

Program Title: Parking Lot and Deck Repairs

This project provides for preventive maintenance and repairs to arrest deterioration of City-owned parking lots, decks, and access roads. An evaluation and ranking system is used to determine areas most in need of repair. If existing parking lots are left unmaintained, erosion could occur causing more costly repairs and sediment pollution from from eroding base material. The program maintains 4.5 million square feet of surface parking.



Notes

Account Number: 48500
Appropriations to Date: \$3,447,000
Estimated Balance June 30, 2009: \$100,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	25,000	25,000	25,000	25,000	25,000	125,000
Land Acquisition						
Construction	250,000	250,000	250,000	250,000	250,000	1,250,000
Equipment	25,000	25,000	25,000	25,000	25,000	125,000
Other						
Total	300,000	300,000	300,000	300,000	300,000	1,500,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	300,000	300,000	300,000	300,000	300,000	1,500,000

Total	300,000	300,000	300,000	300,000	300,000	1,500,000
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Operating Budget Impact: The project will not impact the operating budget.

Program Category: Facility Investments
Program Title: Government Plaza Building Maintenance

This project provides for improvements or replacement of equipment or furnishings during the year. The project is also intended as a capital reserve fund to replace items such as carpeting. Need for the project is based on relatively large one-time funding for outdated building elements. Where appropriate, improvements are charged proportionately to the County based on the City-County Government Center lease.



Notes

Account Number: 47475
 Appropriations to Date: \$3,850,000
 Estimated Balance June 30, 2009: \$100,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	600,000	650,000	650,000	700,000	750,000	3,350,000
Other						
Total	600,000	650,000	650,000	700,000	750,000	3,350,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	600,000	650,000	650,000	700,000	750,000	3,350,000
Total	600,000	650,000	650,000	700,000	750,000	3,350,000

Operating Budget Impact: This project should reduce utility expenses through upgrades in the HVAC system and replacement of lighting systems.

Program Category: Facility Investments
Program Title: Government Center Re-Caulking

This project schedules replacement of the exterior caulking seals of the Government Center. All three sides of the Government Center will need to be re-caulked for a total estimated cost of \$6.0 million. Replacement of the caulk is in accordance with the projected replacement of this material. A portion of the project cost will be reimbursed by the County based on the CMGC lease agreement.



Notes

Account Number:
 Appropriations to Date:
 Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design			100,000			100,000
Land Acquisition						
Construction			5,900,000			5,900,000
Equipment						
Other						
Total			6,000,000			6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Fund Balance			4,000,000			4,000,000
Sale of Land			2,000,000			2,000,000
Total			6,000,000			6,000,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Facility Investments

Program Title: Fire Station Renovations

This project provides funding to address fire station renovation needs. The layout of several stations is not conducive to the amount of equipment that must be stored and structural modifications need to be made to enhance space utilization. Stations 16 and 18 are next on the list.



Notes

Account Number: 36770
Appropriations to Date: \$482,641
Estimated Balance June 30, 2009: \$10,000

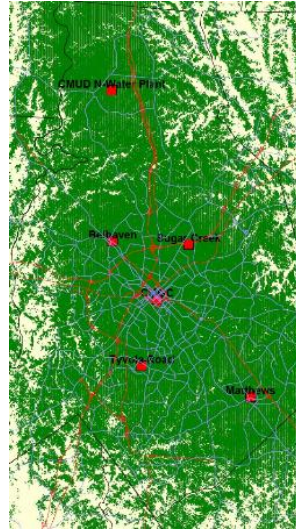
Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction				400,000	600,000	1,000,000
Equipment						
Other						
Total				400,000	600,000	1,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund				400,000	600,000	1,000,000
Total				400,000	600,000	1,000,000

Operating Budget Impact: This project should reduce operating expenses.

Program Category: Facility Investments
Program Title: Public Safety Digital Communications

The project provides for the replacement of the current analog public safety radio system with an 800 MHz digital system to improve radio communications and to implement interoperability (communications between jurisdictions). In FY05, the City was awarded a \$6.0 million Federal Homeland Security grant to support regional communications. In addition, surrounding jurisdictions are financially participating in the project.



Notes

Account Number: 48108
 Appropriations to Date: \$15,045,000
 Estimated Balance June 30, 2009: \$600,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment	4,272,940					4,272,940
Other						
Total	4,272,940					4,272,940

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
COPs	4,272,940					4,272,940
Total	4,272,940					4,272,940

Operating Budget Impact: In FY10 and FY11, City departments will experience an increase in system user fees.

Program Category: Facility Investments

Program Title: Landscape Maintenance and Median Renovation

This project provides for roadway median renovations and other landscape maintenance renovation projects. The need for the project is based on damage caused by vehicle accidents and erosion. Typical large-scale median renovations addressed by this program cost about \$200,000. Eight large projects have been identified: Wilkinson Boulevard, North Tryon Street, East Mallard Creek Church Road, NC51, Brookshire Boulevard, Prosperity, Eastway Drive, and Eastfield Roads.



Notes

Account Number: 48107
Appropriations to Date: \$1,944,000
Estimated Balance June 30, 2009: \$200,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction	250,000	250,000	250,000	250,000	250,000	1,250,000
Equipment						
Other						
Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Operating Budget Impact: The project will not impact the operating budget.

Program Category: Facility Investments

Program Title: Eastland Fire Station

This project provides for a new infill fire station at Eastland. The station would serve to provide stability to the area and address fire workload and response concerns. The Central Avenue/Independence Boulevard/Monroe Road corridors are among the most densely populated in the city, with over 150 apartment complexes. Three of the four busiest fire companies in the city currently serve these areas. \$700,000 was appropriated in FY2009. \$925,000 was appropriated on May 26, 2009 for land acquisition. The total project budget is \$7.7 million.



Notes

Account Number: 36700
 Appropriations to Date: \$1,625,000
 Estimated Balance June 30, 2009: \$500,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	400,000					400,000
Land Acquisition	75,000					75,000
Construction	5,200,000					5,200,000
Equipment	400,000					400,000
Other						
Total	6,075,000					6,075,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
COPs	6,075,000					6,075,000

Total 6,075,000 6,075,000

Operating Budget Impact: The operating budget impact will include the addition of 18 positions for a fire company.

Program Category: Facility Investments
Program Title: Consolidated Fire Headquarters

This project provides for acquisition of property, demolition of existing structures, and renovations to accommodate Fire Administration, Prevention, and possibly Investigations. Fire Administration is currently located on Ninth Street in leased space and Prevention is located on Beaumont Avenue surrounded by residential housing. The new site is at the corner of Graham and Statesville and meets the needs of the Fire Department in terms of location, visibility, and space available.



Notes

Account Number: 47787

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	1,000,000					1,000,000
Land Acquisition	3,500,000					3,500,000
Construction	500,000	4,500,000				5,000,000
Equipment		500,000				500,000
Other						
Total	5,000,000	5,000,000				10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
COPs	5,000,000	2,500,000				7,500,000
Fund Balance		2,500,000				2,500,000

Total	5,000,000	5,000,000				10,000,000
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Operating Budget Impact: The operating budget impact has not been determined.

Program Category: Facility Investments

Program Title: Providence Police Station

This project constructs a new police division office for the Providence patrol division. The current facility located on Latrobe Drive does not meet the needs of the division: 1. size - currently only 7,000 sq. ft., does not meet standard footprint of approximately 12,000 sq. ft. for patrol divisions, 2. location is not visible in the community - off a main thoroughfare in a business park. 3. location is not readily accessible by the community - no bus route or other public transportation to the current facility.



Notes

Account Number: 47788

Appropriations to Date:

Estimated Balance June 30, 2009:

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design	700,000					700,000
Land Acquisition	1,900,000					1,900,000
Construction		3,000,000				3,000,000
Equipment		400,000				400,000
Other						
Total	2,600,000	3,400,000				6,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
COPs	2,600,000	3,400,000				6,000,000

Total	2,600,000	3,400,000				6,000,000
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Operating Budget Impact: Ongoing operating costs are estimated to be \$24,000 per year.

Program Category: Facility Investments

Program Title: Technology Investments

This program provides for continuing and stable investment in technology infrastructure, including replacement, upgrade and expansion of major database management systems and computer and network hardware and software. Need is based on maintaining required technology infrastructure to support key business activities associated with providing City services.



Notes

Account Number: 23110
Appropriations to Date: \$4,000,000
Estimated Balance June 30, 2009: \$2,000,000

Costs	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Planning/Design						
Land Acquisition						
Construction						
Equipment						
Other	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Revenues	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Pay-As-You-Go Fund	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000

Operating Budget Impact: The operating budget impact has not been determined.

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