

# DEBT SERVICE

**BACKGROUND**

In North Carolina, the Local Government Commission in the State Treasurer's Office oversees local government bonded debt and assists cities and counties in all areas of fiscal management. This agency conducts bond sales and ensures that local units have sufficient fiscal capacity to repay debt. The City is subject to the Local Government Bond Act of North Carolina, which limits the amount of net bonded debt the City may have outstanding to 8% of the appraised value of property subject to taxation.

Like most municipalities, the City of Concord uses debt as a means to finance long-term capital projects and it is our policy that the financing period shall not exceed the useful life of the project. General obligation bonds are collateralized by the full faith, credit, and taxing power of the City. The revenues generated by the debt-financed asset or by the operating system of which that asset is a part secure the Revenue Bonds. Installment purchase contracts and Certificates of Participation (COPS) are secured by a security interest in the asset. Principal and interest requirements are provided by appropriation in the year in which they are due.

**DEBT SUMMARY**

The City of Concord holds GO Bond ratings of Aa1 from Moody's Investor Service, AA from Fitch IBCA, and AA from Standard & Poors. All debt ratings indicate a strong financial position with moderate debt levels and above average amortization.

Debt Service payments on General Obligation Bonds comprise 0% of all debt service requirements. Funds received from this method of financing were originally borrowed for public utility projects, new fire facilities, parks and recreation projects and the terminal building at the Concord Regional Airport.

Debt Service payments on Revenue Bonds comprise 72% of all debt service requirements. Funds received from this method of financing were originally borrowed for public utility projects and the construction of the Alfred M. Brown Operations Center. Series 2002 bonds have been designated for water and electric infrastructure improvements. The City of Concord holds Revenue Bond ratings of Aa2 from Moody's Investor Service, AA from Fitch IBCA, and AA- from Standard & Poors. All debt ratings indicate a strong financial position with moderate debt levels and above average amortization.

Debt Service payments on installment notes/purchase contracts, Limited Obligation Bonds and Certificates of Participation comprise 28% of all debt service. Funds received from this method of financing were originally borrowed for transportation projects, parks and recreations projects, fire facilities, a downtown parking facility,

**Computation of Legal Debt Margin (June 30, 2014)**

Total Assessed Value	\$	<b>8,702,209,081</b>
Debt Limit: 8% of total assessed value (Mandated by N.C.G.S. 159-55 (c))	\$	<b>696,176,726</b>
Gross Debt:		
Outstanding G.O. Bonds	\$	-
Notes Payable/Installment Notes	\$	33,414,995
	\$	33,414,995
Amount of bonded debt incurred:		
For Electric, Water and/or Wastewater Purposes	\$	-
	\$	33,414,995
<b>Legal Debt Margin:</b>	\$	<b>662,761,731</b>
<b>Debt Percentage of Assessed Value:</b>		<b>0.38%</b>

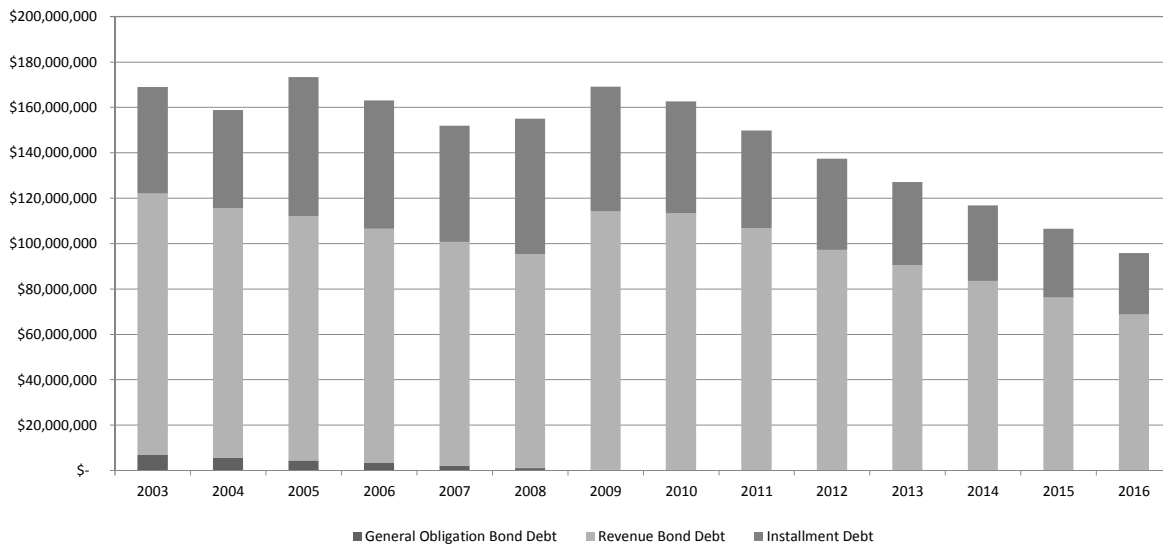
## Outstanding Bonded Debt - Fiscal Year 2014-15

Issue Year	Series	Amount Issued	Principal as of 7/1/2014	Amount Retiring in FY 15	Interest Expense in FY 15	Outstanding 6/30/15
<b>Revenue Bonds</b>						
2012	Utilities Bonds Refunding, Series 2012	17,635,000	16,095,000	800,000	627,156	15,295,000
2008	Utilities System, Series 2008	27,365,000	24,420,000	670,000	1,138,306	23,750,000
2009	Utilities Systems Refunding, Series 2009B	40,925,000	33,305,000	3,490,000	1,318,081	29,815,000
2009	Utilities Systems Refunding Series 2009	23,935,000	9,605,000	2,275,000	324,225	7,330,000
<b>Total Revenue Bond Debt</b>		<b>\$109,860,000</b>	<b>\$83,425,000</b>	<b>\$7,235,000</b>	<b>\$3,407,768</b>	<b>\$76,190,000</b>
<b>Limited Obligation Bonds &amp; Certificates of Participation</b>						
2010	LOB Series 2010	9,235,000	6,235,000	950,000	207,625	5,285,000
2005	COPS Series 2005	27,000,000	16,095,000	1,360,000	756,375	14,735,000
<b>Sub-Total LOBS &amp; COPS</b>		<b>\$ 36,235,000</b>	<b>\$ 22,330,000</b>	<b>\$ 2,310,000</b>	<b>\$ 964,000</b>	<b>\$ 20,020,000</b>
<b>Capital Lease Debt</b>						
2005	Installment Note/Purchase	4,500,000	2,343,750	225,000	112,255	2,118,750
2008	Installment Note/Purchase	12,950,000	8,741,250	647,500	380,983	8,093,750
<b>Sub-Total Capital Lease Debt</b>		<b>\$ 17,450,000</b>	<b>\$ 11,085,000</b>	<b>\$ 872,500</b>	<b>\$ 493,238</b>	<b>\$ 10,212,500</b>
<b>Total Loans &amp; Installment Notes/Purchases</b>		<b>\$89,920,000</b>	<b>\$ 33,415,000</b>	<b>\$ 3,182,500</b>	<b>\$ 1,457,238</b>	<b>\$ 30,232,500</b>
<b>ALL DEBT</b>		<b>\$199,780,000</b>	<b>\$ 116,840,000</b>	<b>\$ 10,417,500</b>	<b>\$ 4,865,006</b>	<b>\$ 106,422,500</b>

**Total Principal Plus Interest to be Serviced in FY 2014-15:**

**\$15,282,506**

**Total City Debt Principal  
by Financing Method**

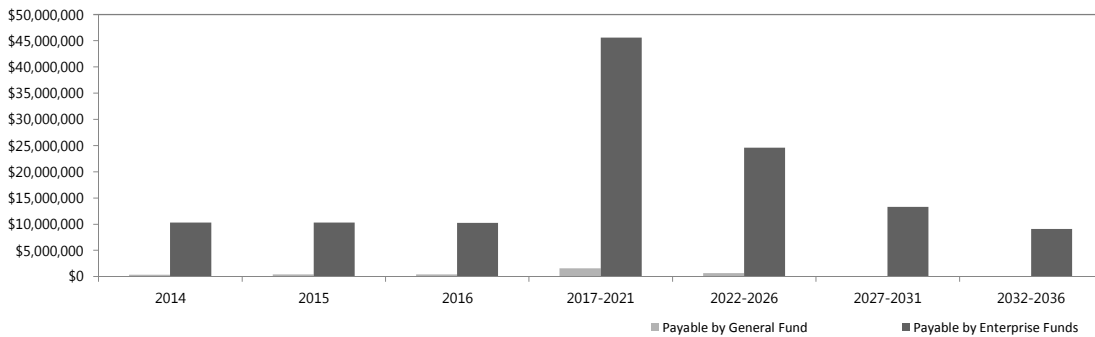


# Schedule of Total Debt Requirements by Type

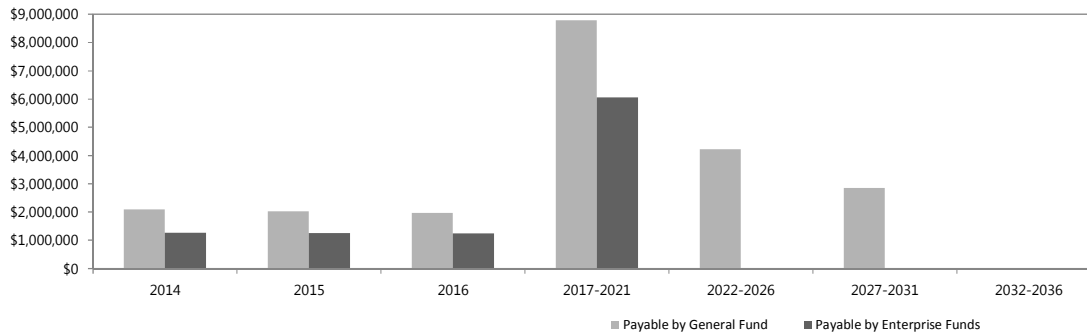
Please note, in the tables that follow, Governmental types are those payable by General Fund and Business types are those payable by Enterprise Funds.  
The City retired all remaining General Obligation Bond debt in fiscal year 2011, so no General Obligation debt is listed in the charts below.

	Revenue Bonds				Limited Obligation Bonds & Certificates of Participation				Other Lease Purchase & Installment Contracts (Principal & Interest)		Totals
	Governmental		Business		Governmental		Business		Governmental	Business	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest			
2014	225,225	104,934	6,754,775	3,525,297	1,401,600	685,546	913,400	354,629	513,968	964,907	15,444,281
2015	295,785	96,731	6,939,215	3,311,038	1,381,000	640,273	929,000	323,727	428,870	936,869	15,282,508
2016	303,398	86,735	7,136,603	3,067,446	1,370,400	596,147	954,600	289,703	417,147	909,188	15,131,367
2017-2021	1,310,645	263,434	32,963,575	12,640,808	6,616,900	2,172,390	5,303,100	755,460	1,859,391	4,123,319	68,009,022
2022-2026	573,895	33,722	18,776,105	5,820,181	3,215,000	1,009,350	0	0	1,604,926	3,079,968	34,113,147
2027-2031	0	0	10,265,000	3,003,685	2,560,000	288,000	0	0	423,043	591,449	17,131,177
2032-2036	0	0	7,995,000	1,039,375	0	0	0	0	0	0	9,034,375
<b>Total</b>	<b>2,708,948</b>	<b>585,556</b>	<b>90,830,273</b>	<b>32,407,830</b>	<b>16,544,900</b>	<b>5,391,706</b>	<b>8,100,100</b>	<b>1,723,519</b>	<b>5,247,345</b>	<b>10,605,700</b>	<b>174,145,877</b>

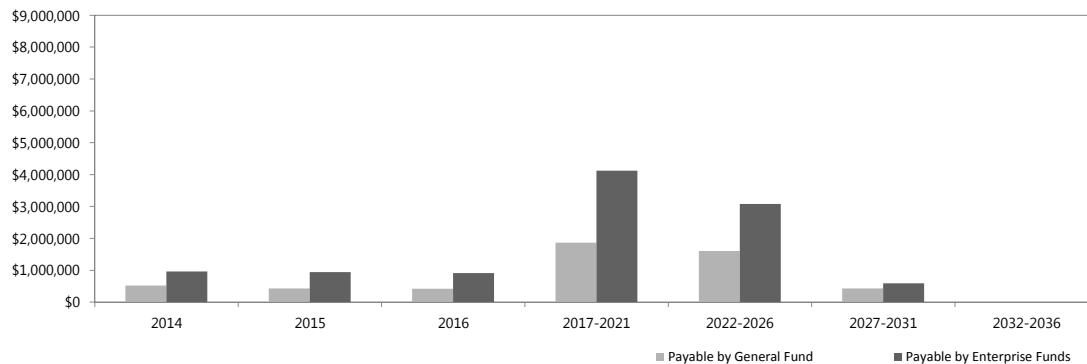
## Revenue Bond Debt Principal



## Limited Obligation Bonds & Certificates of Participation



## Other Lease Purchase & Installment Contracts



# **FY 2015-19 CAPITAL IMPROVEMENT PLAN (CIP) GUIDE**

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## **PURPOSE AND DEFINITIONS**

The purpose of the capital improvement plan (CIP) is to forecast and match projected revenues and major capital needs over a five (5)-year period. Capital planning is an important management tool that strengthens the linkages between community infrastructure needs and the financial capacity of the City.

The City defines CIP capital expenditures as any expenditure of major value that recurs irregularly, results in the acquisition of a fixed asset, and has a useful life greater than one (1) year. As a rule of thumb, items included in the CIP include those which involve:

- acquisition, renovation, and/or construction of a single fixed asset greater than \$100,000
- any land purchases not associated with or included in another CIP project
- capital road maintenance or construction greater than \$100,000 – excluding recurring or routine maintenance projects

## **HOW IS THE CIP DEVELOPED?**

The CIP is updated annually (beginning in November) as part of the City's regular budget process. After departments submit their CIP requests to the Budget Office of the Finance Department in late December, the City's capital project recommendation committee reviews and evaluates the proposed projects based on Mayor and City Council service desires, other city infrastructure needs, the financial capacity of the city, and the impact the projects will create on the City's operating budget.

Once the projects are evaluated, the committee recommends to the City Manager the selection and timing of capital projects into future fiscal years. First-year projects are incorporated into the City Manager's recommended annual operating budget. If necessary, plans are made to include the project in a separate Capital Project ordinance, which is approved by City Council when the budget is adopted in June. The Mayor and City Council are also presented the future, unappropriated, planning years for their consideration, review, and endorsement so staff can proceed with planning and evaluation of potential capital projects.

## **CAPITAL IMPROVEMENT PLAN**

The capital improvement plan is simply that – a *plan*. As such, projects are subject to change based on new or shifting service needs, special financing opportunities, emergency needs, or other directives or priorities established by the Mayor and City Council. City priorities may change, therefore projects included in outward planning years are not guaranteed for funding.

## **CONTACT INFORMATION**

For any questions regarding this document, please contact the Finance Department at (704) 920-5261 or (704) 920-5263 or visit the City's budget website:

*<http://www.concordnc.gov/Departments/Finance/Budget/Capital-Improvement-Plan>*

## Capital Improvement Plan (CIP)

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact
<b>GENERAL FUND - 100</b>															
<b>General Government</b>															
Non-Departmental 4190	Operations Center Improvements - Upper Laydown	Capital Reserve				490,000									490,000
	Operations Center Improvements - Parking & Access Road	Capital Reserve						950,000	100,000						1,050,000
	Operations Center Improvements - New Equipment Shelters	Capital Reserve								1,465,000	200,000				1,665,000
	George Liles Parkway Extension Lighting	Operating Revenue				230,000									230,000
<b>General Government CIP Total</b>				<b>0</b>	<b>0</b>	<b>720,000</b>	<b>0</b>	<b>950,000</b>	<b>100,000</b>	<b>1,465,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,435,000</b>
<b>Public Safety</b>															
Fire Operations 4340	Replacement of Pumper FD-110	Capital Reserve		560,000											560,000
	Replacement of Aerial Ladder FD-206	Installment Purchase, Operating Revenue				1,095,000									1,095,000
	Replacement of Aerial Ladder FD-203	Installment Purchase, Operating Revenue						1,177,582							1,177,582
	Replacement Pumper, Station #10	Capital Reserve, Operating Rev								660,000					660,000
	Replacement Pumper FD-111	Capital Reserve, Operating Rev								660,000					660,000
	Replacement of Pumper FD-112, FD 113	Installment Purchase, Operating Revenue										689,250		689,250	1,378,500
Emergency Management 4343	Replacement Mobile Command Unit	Capital Reserve				500,000									500,000
<b>Public Safety CIP Total</b>				<b>560,000</b>	<b>0</b>	<b>1,595,000</b>	<b>0</b>	<b>1,177,582</b>	<b>0</b>	<b>1,320,000</b>	<b>0</b>	<b>689,250</b>	<b>0</b>	<b>689,250</b>	<b>6,031,082</b>
<b>Public Works</b>															
Solid Waste & Recycling 4520	Replacement Loader SWR421	Capital Reserve		180,000											180,000
	Replacement Knuckleboom SWR431	Capital Reserve		135,000											135,000
	Replacement Knuckleboom SWR 435	Operating Revenue				135,000									135,000
	Replacement Knuckleboom SWR434	Operating Revenue				160,000									160,000
	Replacement Rearloader SWR432	Operating Revenue						160,000							160,000
	Replacement Roll-Off SWR428	Operating Revenue						140,000							140,000
	Replacement Dump Truck SWR433	Operating Revenue								100,000					100,000
	Replacement Knuckleboom SWR436	Operating Revenue								140,000					140,000

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact	
	Replacement Rear Loader SWR437	Operating Revenue										165,000			165,000	
	Replacement Dump Truck SWR443	Operating Revenue										105,000			105,000	
Fleet 4550	Fleet Services Facility	Debt Financing						780,000		11,920,000					12,700,000	
Public Works CIP Total				315,000	0	295,000	0	1,080,000	0	12,160,000	0	270,000	0	0	14,120,000	
<b>GENERAL FUND CIP TOTAL - EXPENSE</b>				<b>875,000</b>	<b>0</b>	<b>2,610,000</b>	<b>0</b>	<b>3,207,582</b>	<b>100,000</b>	<b>14,945,000</b>	<b>200,000</b>	<b>959,250</b>	<b>0</b>	<b>689,250</b>	<b>23,586,082</b>	
<b>GENERAL FUND-Revenue Sources &amp; Totals</b>																
	Operating Revenue					625,000		403,000		390,000		345,000		75,000	1,838,000	
	Debt Financing					995,000		1,854,582		13,090,000					15,939,582	
	Capital Reserve			875,000		990,000		950,000	100,000	1,465,000	200,000	614,250		614,250	5,808,500	
<b>GENERAL FUND CIP TOTAL - REVENUE</b>				<b>875,000</b>	<b>0</b>	<b>2,610,000</b>	<b>0</b>	<b>3,207,582</b>	<b>100,000</b>	<b>14,945,000</b>	<b>200,000</b>	<b>959,250</b>	<b>0</b>	<b>689,250</b>	<b>23,586,082</b>	
<b>PARKS &amp; RECREATION CAPITAL PROJECTS FUND - 420</b>																
<b>Parks &amp; Recreation Capital Projects</b>																
Parks & Recreation Capital Projects 8300	Hartsell Rec Center Renovations	Operating Revenue	50,000			300,000		300,000							600,000	
	Hartsell Ballfield Complex Renovations	Operating Revenue						345,000							345,000	
	Park Lighting Phase 2	Operating Revenue	339,000					650,000							650,000	
	Coddle Creek Greenway	Operating Revenue										445,000		3,055,000	3,500,000	
	Irish Buffalo Creek Greenway	Grants, Operating Revenue										340,000		1,660,000	2,000,000	
Hector H Henry II Greenway 8311	Hector H Henry II Greenway, Riverwalk & Airport Phase Dev	Capital Reserve, Grants			100,000			250,000		1,500,000		1,300,000		98,200	3,248,200	
McEachern Greenway 8312	McEachern Greenway - Cabarrus Avenue Development	Capital Reserve	716,330	380,000											380,000	
	McEachern Greenway - Hospital Ph Development	Grants						100,000		550,000					650,000	
Parks 8313	Hector H Henry II Greenway, Exit 49 Connector	Capital Reserve	355,000	704,380											704,380	
	Lake Howell Park Development	Capital Reserve, Operating Revenue	64,031			36,000				800,000	7,000				843,000	
<b>PARKS &amp; RECREATION CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>1,524,361</b>	<b>1,084,380</b>	<b>0</b>	<b>436,000</b>	<b>0</b>	<b>1,645,000</b>	<b>0</b>	<b>2,850,000</b>	<b>7,000</b>	<b>2,085,000</b>	<b>0</b>	<b>4,813,200</b>	<b>12,920,580</b>
<b>PARKS &amp; RECREATION CAPITAL PROJECTS FUND-Revenue Sources &amp; Totals</b>																
	Operating Revenue					336,000		1,295,000				445,000		4,813,200	6,889,200	
	State/Federal Funding							100,000		1,050,000		990,000			2,140,000	
	Capital Reserve			1,084,380		100,000		250,000		1,800,000	7,000	650,000			3,891,380	
<b>PARKS &amp; RECREATION FUND CIP TOTAL - REVENUE</b>				<b>1,084,380</b>	<b>0</b>	<b>436,000</b>	<b>0</b>	<b>1,645,000</b>	<b>0</b>	<b>2,850,000</b>	<b>7,000</b>	<b>2,085,000</b>	<b>0</b>	<b>4,813,200</b>	<b>12,920,580</b>	
<b>TRANSPORTATION CAPITAL PROJECTS FUND - 423</b>																
Streets Projects 8600	Infrastructure Projects - PIP Sidewalks	Transportation		150,000		150,000		150,000		150,000		150,000			750,000	
	Virginia Street SE Segment Improvement	Transportation, Operating Revenue	600,000	450,000	250		250		250		250		250		451,250	
	Brookwood Ave NE Corridor Enhancement	Transportation, Operating Revenue	1,075,000	1,527,400	500	3,597,600	500		500		500		500		5,127,500	
<b>TRANSPORTATION CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>1,675,000</b>	<b>2,127,400</b>	<b>750</b>	<b>3,747,600</b>	<b>750</b>	<b>150,000</b>	<b>750</b>	<b>150,000</b>	<b>750</b>	<b>150,000</b>	<b>750</b>	<b>0</b>	<b>6,328,750</b>
<b>TRANSPORTATION CAPITAL PROJECTS FUND-Revenue Sources &amp; Totals</b>																

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact	
	Operating Revenue			310,000	750		750		750		750		750		313,750	
	Capital Reserve			1,817,400		3,747,600		150,000		150,000		150,000			6,015,000	
<b>TRANSPORTATION CAPITAL PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>2,127,400</b>	<b>750</b>	<b>3,747,600</b>	<b>750</b>	<b>150,000</b>	<b>750</b>	<b>150,000</b>	<b>750</b>	<b>150,000</b>	<b>750</b>	<b>0</b>	<b>6,328,750</b>	
<b>FIRE &amp; LIFE SAFETY PROJECTS FUND - 426</b>																
Fire & Life Safety Projects 8670	Fire Station #10 Permanent Station	Capital Reserve, Operating Revenue						4,141,300							4,141,300	
<b>FIRE &amp; LIFE SAFETY PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,141,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,141,300</b>	
<b>FIRE &amp; LIFE SAFETY PROJECTS FUND-Revenue Sources &amp; Totals</b>																
	Operating Revenue							150,354							150,354	
	Debt Financing							3,990,946							3,990,946	
<b>FIRE &amp; LIFE SAFETY PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,141,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,141,300</b>	
<b>GENERAL FUND CAPITAL PROJECTS FUND - 430</b>																
General Fund Capital Projects 8804	Fiber Network Extension	Operating Revenue	100,000	50,000	106,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	606,000	
<b>GENERAL CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>100,000</b>	<b>50,000</b>	<b>106,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>606,000</b>
<b>GENERAL CAPITAL PROJECTS FUND-Revenue Sources &amp; Totals</b>																
	Operating Revenue			50,000	106,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	606,000	
<b>GENERAL CAPITAL PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>50,000</b>	<b>106,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>606,000</b>
<b>2014 LOBS - 552</b>																
2014 LOBS First Concord 6990	New Municipal Building	Debt Financing	1,360,000	18,529,500											18,529,500	
<b>GENERAL CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>1,360,000</b>	<b>18,529,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,529,500</b>
<b>GENERAL CAPITAL PROJECTS FUND-Revenue Sources &amp; Totals</b>																
	Debt Financing			18,529,500											18,529,500	
<b>GENERAL CAPITAL PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>18,529,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18,529,500</b>
<b>STORMWATER PROJECTS FUND - 474</b>																
Stormwater Master Plan 7101	Capital Projects Master Planning	Operating Revenue	1,050,000	350,000											350,000	
Stream Restoration Project 7102	Stream Restoration Project	Operating Revenue	927,631		9,200			86,520		86,520				654,360	836,600	
Stormwater Projects 7103	Wyoming Drive @ Montana Culvert Replacement	Operating Revenue		178,000											178,000	
	Farmwood Blvd Culvert Replacement	Operating Revenue			150,000					500,000					650,000	
	Glenwood Dr. Culvert Replacement	Operating Revenue								125,000					125,000	
<b>STORMWATER PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>528,000</b>	<b>0</b>	<b>159,200</b>	<b>0</b>	<b>86,520</b>	<b>0</b>	<b>711,520</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>654,360</b>	<b>2,139,600</b>	
<b>STORMWATER PROJECTS FUND-Revenue Sources &amp; Totals</b>																
	Operating Revenue			528,000		159,200		86,520		711,520				654,360	2,139,600	
<b>STORMWATER PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>528,000</b>	<b>0</b>	<b>159,200</b>	<b>0</b>	<b>86,520</b>	<b>0</b>	<b>711,520</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>654,360</b>	<b>2,139,600</b>	
<b>STORMWATER FUND - 600</b>																
Stormwater 7100	Street Sweeper SW-325	Operating Revenue		220,000											220,000	

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact
<b>STORMWATER FUND CIP TOTAL - EXPENSE</b>				220,000	0	0	0	0	0	0	0	0	0	0	220,000
<b>STORMWATER FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>			220,000											220,000
<b>STORMWATER FUND CIP TOTAL - REVENUE</b>				220,000	0	0	0	0	0	0	0	0	0	0	220,000
<b>ELECTRIC PROJECT FUND - 473</b>															
<i>Electric Projects 6949</i>	Substation "H" Switchgear Replacement	Operating Revenue		650,000											650,000
	Delivery 2 Upgrades	Operating Revenue		415,000											415,000
	New Delivery #4, 100 KV Interconnected Ph 1	Revenue Bonds					7,501,733								7,501,733
	Construction of 100 KV Sub @ Delivery #4, Ph 2	Capital Reserve, Operating Revenue							5,351,651						5,351,651
	100 KV Close Western Loop	Revenue Bonds									5,670,297				5,670,297
	Delivery 1 Replacement	Operating Revenue									1,600,000				1,600,000
	Smart Grid/Smart Meters	Retained Earnings/Rate Stabilization Reserves				10,000,000									10,000,000
<b>ELECTRIC PROJECT FUND CIP TOTAL - EXPENSE</b>				1,065,000	0	10,000,000	0	7,501,733	0	5,351,651	0	7,270,297	0	0	31,188,681
<b>ELECTRIC FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>			1,065,000						1,351,651		1,600,000			4,016,651
	<b>Capital Reserve</b>					10,000,000				4,000,000					14,000,000
	<b>Debt Finacing</b>							7,501,733				5,670,297			13,172,030
<b>ELECTRIC PROJECT FUND CIP TOTAL - REVENUE</b>				1,065,000	0	10,000,000	0	7,501,733	0	5,351,651	0	7,270,297	0	0	31,188,681
<b>ELECTRIC FUND - 610</b>															
<i>Powerlines Maintenance 7220</i>	SCADA Control Center	Operating Revenue		350,000											350,000
<i>Electric Construction 7240</i>	Replacement E256 Line Truck	Operating Revenue		245,000											245,000
	Replacement E222 Line Truck	Operating Revenue		240,000											240,000
	Replacement E319 Bucket Truck	Operating Revenue				230,000									230,000
	Replacement E302 Bucket Truck	Operating Revenue					240,000								240,000
	Replacement E227 Bucket Truck	Operating Revenue					150,000								150,000
	Replacement E325 Bucket Truck	Operating Revenue					150,000								150,000
<i>Tree-Trimming 7230</i>	Replacement E-405 Bucket Truck	Operating Revenue									260,000				260,000
<b>ELECTRIC FUND CIP TOTAL - EXPENSE</b>				835,000	0	230,000	0	540,000	0	0	0	260,000	0	0	1,865,000
<b>ELECTRIC FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>			835,000		230,000		540,000				260,000			1,865,000
<b>ELECTRIC FUND CIP TOTAL - REVENUE</b>				835,000	0	230,000	0	540,000	0	0	0	260,000	0	0	1,865,000
<b>WATER PROJECTS FUND - 429</b>															



Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact
Water Projects 8700	Disinfection By-Product Reduction Needs	Operating Revenue	685,000	440,000		550,000									990,000
	I-85 Widening - Waterline Replacement	Operating Revenue	412,671	206,335											206,335
	George Liles Blvd Waterline Ph 3	Operating Revenue	1,120,170	282,430		282,430		282,430		282,430					1,129,720
	Replace High Service Pump Motor Starters	Operating Revenue	414,000	306,000											306,000
	Waterline Replacement US29 Bridge	Operating Revenue						300,000						300,000	600,000
	Hwy73 Waterline- Kannapolis Pkwy & Trinity Church Rd	Operating Revenue						1,303,125							1,303,125
<b>WATER PROJECTS FUND CIP TOTAL - EXPENSE</b>			<b>2,631,841</b>	<b>1,234,765</b>	<b>0</b>	<b>832,430</b>	<b>0</b>	<b>1,885,555</b>	<b>0</b>	<b>282,430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>4,535,180</b>
<b>WATER PROJECTS FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>			1,234,765		832,430		1,885,555		282,430				300,000	4,535,180
<b>WATER PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>1,234,765</b>	<b>0</b>	<b>832,430</b>	<b>0</b>	<b>1,885,555</b>	<b>0</b>	<b>282,430</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>4,535,180</b>
<b>WATER FUND - 620</b>															
Coddle Creek Water Plant 7331	Replace 2 PLC Cabinets	Operating Revenue				110,000									110,000
<b>WATER FUND CIP TOTAL - EXPENSE</b>				<b>0</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110,000</b>
<b>WATER FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>					110,000									110,000
<b>WATER FUND CIP TOTAL - REVENUE</b>				<b>0</b>	<b>0</b>	<b>110,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>110,000</b>
<b>PUBLIC TRANSIT- 630</b>															
Public Transit 7615	Transit Operations & Maintenance Facility	Grants, Operating Revenue						6,000,000			50,000		50,000		6,100,000
<b>PUBLIC TRANSIT FUND CIP TOTAL - EXPENSE</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>6,100,000</b>
<b>PUBLIC TRANSIT FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>							600,000		25,000		25,000			650,000
	<b>State/Federal Funding</b>							5,400,000		25,000		25,000			5,450,000
<b>PUBLIC TRANSIT FUND CIP TOTAL - REVENUE</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>	<b>0</b>	<b>6,100,000</b>
<b>WASTEWATER FUND - 640</b>															
Wastewater	TV Truck Replacement S655	Operating Revenue		195,000											195,000
<b>WASTEWATER FUND CIP TOTAL - EXPENSE</b>				<b>195,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>195,000</b>
<b>WASTEWATER FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>			195,000											195,000
<b>WASTEWATER FUND CIP TOTAL - REVENUE</b>				<b>195,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>195,000</b>
<b>ROCKY RIVER GOLF COURSE PROJECT FUND - 475</b>															
Golf Course 7550	Rock River Clubhouse Expansion	Capital Reserve	5,000	135,000											135,000
	Irrigation Repairs & Bunker Restoration	Operating Revenue				100,000	10,000								110,000
<b>ROCKY RIVER GOLF PROJECTS FUND CIP TOTAL - EXPENSE</b>			<b>5,000</b>	<b>135,000</b>	<b>0</b>	<b>100,000</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>245,000</b>
<b>ROCKY RIVER GOLF PROJECTS FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>					100,000	10,000								110,000
	<b>Capital Reserve</b>			135,000											135,000
<b>ROCKY RIVER GOLF PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>135,000</b>	<b>0</b>	<b>100,000</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>245,000</b>

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact
<b>AIRPORT PROJECTS FUND - 451</b>															
Airport Projects 6300	Ivy Cline Land Acquisition	Grants, Operating Revenues								3,400,000					3,400,000
	East Side Airport Land Acquisitions	Grants, Operating Revenues										8,684,000			8,684,000
	South Development Apron	Grant Revenue, Operating Revenue				2,800,000									2,800,000
	South Development Area Fencing	Grant Revenue, Operating Revenue				155,000									155,000
	South Development Area Gravel Parking Expansion	Operating Revenue				355,000									355,000
	FBO Terminal Building Rehabilitation	Capital Reserve, Operating Revenue, Public-Private Partnership				200,000		580,000		12,800,000					13,580,000
	South Development Apron Expansion Phase II	Grant Revenue, Operating Revenue				1,150,000		6,767,000							7,917,000
	SDA Passenger & Baggage Screening Building	Grant Revenue				2,800,000									2,800,000
	Runway 20 EMAS	Grant Revenue, Operating Revenue				320,000		2,200,000							2,520,000
	Airport Hangar Taxilane Rehabilitation	Grant Revenue, Operating Revenue								65,000		2,065,000			2,130,000
	Hangar A Office Addition	Operating Revenue						400,000							400,000
	Airport Fire Station & Security Center	Grant Revenue, Operating Revenue						275,000		3,000,000					3,275,000
	Airport Helipads	Grant Revenue, Operating Revenue						410,000							410,000
	North Internal Service Rd	Grant Revenue, Operating Revenue								325,000		1,824,300			2,149,300
	East Side Commercial Airline Terminal	Grant Revenue, Revenue Bonds, Operating Revenue, Dedicated Transportation Funds, Other										750,000		40,000,000	40,750,000
<b>AIRPORT PROJECTS FUND CIP TOTAL - EXPENSE</b>				<b>0</b>	<b>0</b>	<b>7,780,000</b>	<b>0</b>	<b>10,632,000</b>	<b>0</b>	<b>19,590,000</b>	<b>0</b>	<b>13,323,300</b>	<b>0</b>	<b>40,000,000</b>	<b>91,325,300</b>
<b>AIRPORT PROJECTS FUND-Revenue Sources &amp; Totals</b>															
	<b>Operating Revenue</b>					1,389,000		1,365,200		7,079,000		1,357,330		3,000,000	14,190,530
	<b>State/Federal Funding</b>					6,391,000		8,686,800		6,111,000		11,315,970		8,000,000	40,504,770
	<b>Debt Financing</b>													23,000,000	23,000,000
	<b>Capital Reserve</b>							580,000						2,000,000	2,580,000
	<b>Public-Private Partnership</b>									6,400,000					6,400,000
	<b>Other</b>											650,000		4,000,000	4,650,000
<b>AIRPORT PROJECTS FUND CIP TOTAL - REVENUE</b>				<b>0</b>	<b>0</b>	<b>7,780,000</b>	<b>0</b>	<b>10,632,000</b>	<b>0</b>	<b>19,590,000</b>	<b>0</b>	<b>13,323,300</b>	<b>0</b>	<b>40,000,000</b>	<b>91,325,300</b>
<b>AVIATION FUND - 680</b>															
Aviation Operations 4530	Airport Rescue & Firefighting (ARFF) Vehicle	Grant Revenue, Operating Revenue						880,000							880,000
	Airport Master Plan Update	Grant Revenue, Operating Revenue						300,000							300,000
	SCADA Pump Controller Replacements	Operating Revenue				100,000									100,000
<b>AVIATION FUND CIP TOTAL - EXPENSE</b>				<b>0</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>1,180,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,280,000</b>
<b>AVIATION FUND-Revenue Sources &amp; Totals</b>															

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	FY 2015 Budget	Impact on FY 2015 Operating Budget	FY 2016 Budget	Impact on FY 2016 Operating Budget	FY 2017 Budget	Impact on FY 2017 Operating Budget	FY 2018 Budget	Impact on FY 2018 Operating Budget	FY 2019 Budget	Impact on FY 2019 Operating Budget	Future (remainder of project)	Total Budget Impact
	Operating Revenue					100,000		110,000							210,000
	State/Federal Funding							1,070,000							1,070,000
	Capital Reserve														0
	Public-Private Partnership														0
<b>AVIATION FUND CIP TOTAL - REVENUE</b>				0	0	100,000	0	1,180,000	0	0	0	0	0	0	1,280,000
<b>CITY OF CONCORD CIP PROJECT TOTAL</b>			7,296,202	26,879,045	106,750	26,155,230	60,750	37,019,690	150,750	43,930,601	307,750	24,097,847	100,750	46,506,810	205,315,973

\*The following projects are listed for informational purposes only. These projects are managed by the Town of Midland, but are approved by the Concord City Council under an interlocal agreement. Minimal City of Concord funding is obligated for these projects and they are not included in any City of Concord CIP Project totals. Additional detail on Town of Midland Projects can be found in the Supplemental Information section of the CIP document.

TOWN OF MIDLAND CIP PROJECTS*															
Town of Midland Sewer	Midland Main Street Sewer	Midland Local Funds		400,000											400,000
	Cabarrus Acres: Phase 1	Midland Local Funds, NC Clean Water SRF Loan	100,000	778,553											778,553
	Historic Old Midland Phase 1	CDBG funding, Midland Local Funds	89,100	834,800											834,800
	Cabarrus Acres: Phase 2	Midland Local Funds, NC Clean Water SRF Loan				2,205,000									2,205,000
	Historic Old Midland Phase 2	CDBG funding, Midland Local Funds				1,263,300									1,263,300
	Midland Road Sewer Line Extension	Midland Local Funds, City of Concord (\$10,000)	5,000	20,000		190,000									210,000
	Cabarrus Station Sewer	CDBG funding, Midland Local Funds, Private Funding				1,900,000									1,900,000
<b>TOWN OF MIDLAND CIP TOTAL - EXPENSE</b>			189,100	2,033,353	0	5,558,300	0	0	0	0	0	0	0	0	7,591,653
<b>TOWN OF MIDLAND-Revenue Sources &amp; Totals</b>															
	Midland Local Funds			1,246,653		2,475,200									3,721,853
	NC Clean Water SRF Loan			36,700		3,073,100									3,109,800
	CDBG Funding			750,000											750,000
	Private Funding														0
	City of Concord					10,000									10,000
<b>TOWN OF MIDLAND CIP TOTAL - REVENUE</b>				2,033,353	0	5,558,300	0	0	0	0	0	0	0	0	7,591,653

# CIP YEAR 1 APPROVED PROJECTS

The boxes below provide summary detail for all CIP projects scheduled for funding in year 1, or FY 2015, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2015-2019 Capital Improvement Plan.

### How to read the summary information:

- ← Department
- ← Project title and FY15 cost
- ← Project description
- ← Estimated year of completion
- ← Total cost of capital project
- ← Total 5-yr impact on operating budget
- ← Project's funding sources

Fire Operations	
<b>Replacement of Pumper FD-110</b>	<b>\$560,000</b>
Funding provided for Fire & Life Safety to purchase a replacement pumper for FD-110.	
<i>Expected Completion: FY15</i>	
<i>Total Capital Cost</i>	\$560,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

Solid Waste & Recycling	
<b>Replacement Loader SWR-421</b>	<b>\$180,000</b>
Replacement of an aging Loader in Solid Waste & Recycling.	
<i>Expected Completion: FY15</i>	
<i>Total Capital Cost</i>	\$180,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

Solid Waste & Recycling	
<b>Replacement Knuckleboom SWR-431</b>	<b>\$135,000</b>
Replacement of an aging Knuckleboom in Solid Waste & Recycling.	
<i>Expected Completion: FY15</i>	
<i>Total Capital Cost</i>	\$135,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

Parks & Rec Capital Projects	
<b>McEachern Greenway - Cabarrus Ave. Ph.</b>	<b>\$380,000</b>
Design and construction of a 1 3/4 mile segment beginning at McGee Parks and extending towards Brookwood Ave NE.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$380,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve/Grants

Parks & Rec Capital Projects	
<b>Hector H. Henry Greenway - Exit 49 Connector/Dog Park</b>	<b>\$704,380</b>
Design and construction of a 1 1/3 mile segment beginning at Embassy Suites parking lot to the Fire Station #11 site. To also include a dog park.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$3,865,380
<i>Total Operating Cost</i>	\$205,300
<i>Funding Source(s)</i>	Capital Reserve/Grants

Transportation Capital Projects	
<b>Infrastructure Improvements - PIP Sidewalks</b>	<b>\$150,000</b>
Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system. The priority of projects is determined annually in October and presented to City Council for approval in accordance with the Pedestrian Improvement Policy.	
<i>Expected Completion: Ongoing</i>	
<i>Total Capital Cost</i>	\$750,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserve

Transportation Capital Projects	
<b>Virginia Street SE Segment Improvement</b>	<b>\$450,250</b>
Re-construct the surface of Virginia St., SE inside the platted public R/W and upgrade / renovate the facility to meet minimum City of Concord street standards with a Complete Streets typical section.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$450,000
<i>Total Operating Cost</i>	\$250
<i>Funding Source(s)</i>	Transportation Reserve

<b>Transportation Capital Projects</b>	
<b>Brookwood Ave NE Corridor Improvement</b>	<b>\$1,527,900</b>
Development of an approximately 1 1/4 mile segment that begins at McGee Park and extends upstream along 3 Mile Branch nearly to Brookwood Ave, NE. Includes site control, plan/design and construction of the greenway.	
	<i>Expected Completion: FY17</i>
Total Capital Cost	\$5,125,000
Total Operating Cost	\$2,500
Funding Source(s)	Transportation Reserve

<b>2014 LOBs</b>	
<b>Construction of New Municipal Building</b>	<b>\$18,529,500</b>
Design and construction of a new municipal building to be located next to the Concord Police Department Headquarters.	
	<i>Expected Completion: FY17</i>
Total Capital Cost	\$19,889,000
Total Operating Cost	\$0
Funding Source(s)	Limited Obligation Bonds

<b>Stormwater</b>	
<b>Replacement Street Sweeper SW-325</b>	<b>\$220,000</b>
Replacement of an aging Street Sweeper in Stormwater	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$220,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Electric Projects</b>	
<b>Delivery 2 Upgrades</b>	<b>\$415,000</b>
Project will upgrade all legacy electromechanical relays to digital protection systems.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$415,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenues

<b>Electric Fund</b>	
<b>Replacement Line Truck E-256</b>	<b>\$245,000</b>
Replacement of aging 2002 Line Truck E-256.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$245,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>General Capital Projects</b>	
<b>Fiber Network Expansion</b>	<b>\$156,000</b>
Expansion of the City's fiber network to provide high bandwidth connectivity for data, video, telephone and SCADA needs for City departments.	
	<i>Expected Completion: Ongoing</i>
Total Capital Cost	\$250,000
Total Operating Cost	\$356,000
Funding Source(s)	Operating Revenue

<b>Stormwater Projects</b>	
<b>Capital Projects Master Planning</b>	<b>\$350,000</b>
Identify and develop capital projects for stormwater quality and quantity improvements.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$1,400,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Electric Projects</b>	
<b>Substation "H" Switchgear Replacement</b>	<b>\$650,000</b>
Conversion of the current electric substation on Warren C Coleman Blvd from metal-clad to moden enclosed cubicle station.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$650,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Electric Fund</b>	
<b>SCADA Control Center</b>	<b>\$350,000</b>
Renovations are planned for the SCADA Control Center to provide better service and allow for increased flexibility during storms.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$350,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Electric Fund</b>	
<b>Replacement Line-Truck E-222</b>	<b>\$240,000</b>
Replacement of aging 2003 Line Truck E-222.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$240,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Water Projects Fund</b>	
<b>Disinfection By-Product Reduction Needs</b>	<b>\$440,000</b>
This project involves full-scale testing of the chlorine dioxide system, design/construction of a chlorine dioxide system, upgrade of a flash mixing basin, piping modifications, and carbon feed construction at Hillarove Water Treatment Plant.	
	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$1,675,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Water Projects Fund</b>	
<b>I-85 Widening - Waterline Replacement</b>	<b>\$206,335</b>
Upgrade the existing 16" waterline to a new 24" waterline from Poplar Tent Rd to Rocky River as part of the NCDOT TIP Project.	
	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$619,006
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Wastewater</b>	
<b>Replacement TV Truck S-655</b>	<b>\$195,000</b>
Replacement of aging 2003 TV Truck S-655 used for viewing sewer mains.	
	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$195,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Water Projects Fund</b>	
<b>George Liles Blvd Waterline Replacment Ph 3</b>	<b>\$282,430</b>
Construction of a new 24" waterline from Weddington Rd to Roberta Rd.	
	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$2,249,890
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenues

<b>Water Projects Fund</b>	
<b>Replacement High Service Pump Motor Starters</b>	<b>\$306,000</b>
Replace pump motor starters in Motors 1-5 at Coddle Creek Water Treatment Plant.	
	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$720,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Rocky River Golf Projects</b>	
<b>Clubhouse Expansion</b>	<b>\$135,000</b>
Expansion of Clubhouse dining and banquet facilities to accommodate larger groups. Size and scope of project TBD, but to include expansion of current private dining room and addition of outdoor awning to cover the back veranda. Also includes new carpeting for the dining areas and entrance.	
	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$140,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

# IN-PROGRESS CIP PROJECTS DETAIL

The boxes below provide summary detail of CIPs that were approved in prior fiscal years, did not receive additional funding in FY15, are currently in progress, and are not yet completed.

### How to read the summary information:

- ← Department
- ← Project title
- ← Project description
- ← Fiscal years of project approval and completion
- ← Total cost of capital project
- ← Total 5-yr impact on operating budget
- ← Project's funding sources

<b>Radio Shop</b>	
<b>Fiber Network Extension</b>	
Fiber network extension providing high bandwidth connectivity for data, video, telephone and SCADA needs for various city departments.	
<i>Approved: FY14</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$250,000
<i>Funding Source(s)</i>	Operating Revenues

<b>Fire &amp; Life Safety</b>	
<b>Construction of Fire Station #11</b>	
This project is the construction of Fire Station 11 along Weddington Rd near Bruton Smith Blvd. It will initially house 1 ladder company, but will be built to also house 1 engine company.	
<i>Approved: FY12</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$3,381,030
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve, Operating Rev

<b>Fire &amp; Life Safety</b>	
<b>SCBA Equipment Replacement</b>	
<b>\$1,200,000</b>	
This project includes total replacement of the self-contained breathing equipment. SCBA equipment was last replaced in 2001.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$1,200,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserves

<b>Planning &amp; Neighborhood Development</b>	
<b>Accela Software Implementation</b>	
The current plan review/permit software is based on an in-house support system that has no reliable backup. Without updated software, a disconnect will remain between Cabarrus County and the City for plan review and permitting.	
<i>Approved: FY12</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$547,885
<i>Total Operating Cost</i>	\$107,115
<i>Funding Source(s)</i>	Operating Revenue

<b>Parks &amp; Recreation</b>	
<b>Park Lighting Replacement Ph. 1</b>	
This project replaces existing field lights at Webb Field as well as field and tennis lights at Les Myers Park. This includes poles and lights on the athletic fields but lights only on the tennis courts.	
<i>Approved: FY12</i>	<i>Expected Completion: On Hold</i>
<i>Total Capital Cost</i>	\$601,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Parks &amp; Recreation</b>	
<b>Hector H. Henry Greenway - Moss Creek</b>	
The development of Rocky River Greenway-Moss Creek is an approximately 1 1/2 mile segment that begins in the Moss Creek subdivision and extends downstream to Odell Elementary School & Moss Farm Rd.	
<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$715,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue, Grant Funding

<b>Parks &amp; Recreation</b>	
<b>Hector H. Henry Greenway - Airport Phase</b>	
This is an approximately 1.5 mile segment that begins at Interstate 85 and extends upstream to Cox Mill Rd. This includes land acquisition, plan/design and construction of the greenway.	
<i>Approved: FY12</i>	<i>Expected Completion: FY20</i>
<i>Total Capital Cost</i>	\$2,205,000
<i>Total Operating Cost</i>	\$98,200
<i>Funding Source(s)</i>	P&R Capital Reserve, Operating Rev.

**Parks & Recreation****MacEachern Greenway- Cabarrus Avenue**

Harold B. McEachern Greenway Phase 3 is an approximately 1.25 mile segment that extends from Cabarrus Ave to Brookwood Ave, NE. This includes plan/design and construction.

<i>Approved: FY12</i>	<i>Expected Completion: On Hold</i>
<i>Total Capital Cost</i>	\$1,758,491
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	P&R Capital Reserve, Operating Rev.

**Electric Systems****System Power Factor Correction**

This project will result in a system fix and will allow installation of switch bank capacitors in order to correct the system power factor and decrease electric losses.

<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$300,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

**Transportation Capital Projects****Terminal Court Improvements**

Re-establish the alignment of Terminal Ct., NW inside the platted public R/W and upgrade / renovate the facility to meet minimum City of Concord street standards.

<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$110,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

**Transportation Capital Projects****Intersection Improvements - US 601/ NC 3**

Provide local funding match for (CMAQ) funds to make roadway improvements at the intersection of US 601 and NC 3 that will lessen congestion and mitigate current vehicle emission loading.

<i>Approved: FY12</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$1,202,829
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	CMAQ, Transportation Reserves

**Transportation Capital Projects****City Bridge Rehabilitation**

This project funds the replacement of the Burrage Road bridge over Three-Mile Branch. This bridge has the lowest sufficiency rating of all City-maintained structural bridges.

<i>Approved: FY07</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$2,727,000
<i>Total Operating Cost</i>	\$21,900
<i>Funding Source(s)</i>	Transp. Rsvs, Fed. & State Funding

**Electric Systems****Solid State Relay Conversion for Substation B**

This project will convert the current relay protection package at Substation "B" to a new solid state package and will incorporate a new control house and SCADA communications equipment. Technology changes made the existing station equipment obsolete.

<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$210,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

**Electric Systems****System Improvements for Substation I**

This project will provide the replacement of 2 power transformers, breakers and switch-gear for the existing dual bay substation I. Substation I is located on Breezy Lane in the south west area of Concord. It receives power from Delivery 2 at 44 kV.

<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$2,290,024
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

**Transportation Capital Projects****Cabarrus Railroad Bridge Railing**

In this project, the transportation designs incorporated into the bridge replacement by the NCDOT are part of the State and Federal initiatives to include these elements into new projects.

<i>Approved: FY11</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

**Transportation Capital Projects****Sidewalks & Bike Lanes - NC 73/ Poplar Tent**

This project will participate monetarily for 40% of the actual cost to provide sidewalks and bicycle lanes along Poplar Tent Road.

<i>Approved: FY11</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

**Transportation Capital Projects****Derita Road Improvements**

Provide funding for roadway improvements on Derita Rd from Poplar Tent to Rocky River. Includes design, permitting, purchase of right-of-way, utility relocation, and construction of an improved roadway section with curb, gutter and sidewalks.

<i>Approved: FY13</i>	<i>Expected Completion: FY17</i>
<i>Total Capital Cost</i>	\$12,333,813
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	NCDOT, Transportation Rsvs



**Transportation Capital Projects****Sidewalk Program**

Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system.

<i>Approved: Ongoing</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$150,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

**Transportation Capital Projects****Burrage Rd Improvements**

Re-construct the surface of Burrage Road, NE from Concord Rd to Bradley St NE.

<i>Approved: Ongoing</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$1,200,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

**Transportation Capital Projects****NE Subset Sidewalk Extension**

Provide local funding match for CMAQ funds used to extend pedestrian facilities in the NE Quadrant of the City of Concord. This project will lessen congestion and mitigate current vehicle emission loading by providing an alternate to motor vehicle travel in the area.

<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$525,916
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Trans Funds, CMAQ Grant

**Transportation Capital Projects****Virginia Street SE Segment Improvement**

Re-construct the surface of Virginia St., SE from Corban Ave., SE to Louise Ave., SE, inside the platted public R/W and upgrade / renovate the facility to meet minimum City of Concord street standards with a Complete Streets typical section.

<i>Approved: FY14</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$600,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Funds

**Stormwater Resources****Treasure Drive Culvert Replacement**

Culvert Replacement and upsizing under Treasure Dr. to reduce flooding risk and replace aging infrastructure.

<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$125,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenues

**Transportation Capital Projects****Poplar Tent Rd & US 29 Improvements**

This project includes roadway improvements at and near the intersection of Poplar Tent Rd. and US Highway 29 using a Modified Superstreet design that will lessen congestion and mitigate current vehicle emission loading.

<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$940,973
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	CMAQ, Transportation Rsvs

**Transportation Capital Projects****Traffic Management Center**

Interconnection of 100-130 signalized intersections, installation of 20-30 traffic surveillance cameras, and implementation of complete street strategies at certain intersections to maximize traffic efficiency, flow and safety.

<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$1,000,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Trans. Funds, Federal Grants

**Transportation Capital Projects****Sidewalk Improvements - Miramar Ph. 2**

Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system. The priority of projects is determined annually in October and presented to City Council for approval in accordance with the Pedestrian Improvement Policy.

<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$150,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Funds

**Transportation Capital Projects****Brookwood Phase Design**

Provide street improvements to the section of Brookwood Ave., NE running between Burrage Rd., NE and Church St., N as recommended in the 2006-2007 Brookwood Corridore Study by STV / Ralph Whitehead.

<i>Approved: FY14</i>	<i>Expected Completion: Future</i>
<i>Total Capital Cost</i>	\$6,200,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Funds

**Stormwater Resources****Wyoming Drive/Grand Canyon Culvert Replc.**

This project is for the replacement of an existing culvert to reduce flooding.

<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$195,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater Resources</b>	
<b>Chelwood Drive Culvert Replacement</b>	
This project is for the replacement of an existing culvert to reduce flooding.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$375,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater Resources</b>	
<b>Reubens Road Culvert Replacement</b>	
This project is for the replacement of an existing culvert to reduce flooding.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$189,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater Resources</b>	
<b>Stream Restoration Project</b>	
This project provides a 35% funding match for a Concord Stream Restoration Study.	
<i>Approved: FY10</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$2,193,808
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Op. Rev., Federal/State Funding

<b>Wastewater Operations &amp; Maintenance</b>	
<b>Providence Green Pump Station Elimination</b>	
Install approximately 3,800LF of gravity sewer to eliminate the Providence Green pump station.	
<i>Approved: FY14</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$598,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Replacement/Relining of Aged Waterlines</b>	
This project is to replace or reline pre-1950s waterlines.	
<i>Approved: Ongoing</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$3,000,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater Resources</b>	
<b>Chadbourne Ave Culvert Replacement</b>	
This project is for the replacement of an existing culvert to reduce flooding.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$375,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater Resources</b>	
<b>Replacement SWR-320 Street Sweeper</b> <b>\$235,000</b>	
The Stormwater Department is requesting funding for the replacement of the existing Freightliner 2005 model sweeper truck.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$235,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater Resources</b>	
<b>Melrose Drive Culvert</b>	
This project is for the replacement of aging infrastructure where the bottom of an existing corrugated metal pipe is disintegrated. Future degradation to stream is possible if it is not replaced.	
<i>Approved: FY14</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$156,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Hillgrove WTP - Byproduct Reduction</b> <b>\$415,000</b>	
Conduct full scale testing, design, & construction of a chlorine dioxide system, upgrade of the flash mixing basin, design/construction of piping modifications and baffling in the clearwell, and design/construction of a powdered activated carbon feed.	
<i>Approved: FY14</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$1,675,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Replace PLC Cabinets at Coddle Creek WTP</b> <b>\$100,000</b>	
This project is to replace the two existing PLC cabinets located in the filter galley. Projection includes replacement of remaining PLC every three years.	
<i>Approved: FY14</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$210,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Clearwell Top Replacement at HGWTP</b>	
This project is to remove and replace a section of deteriorating clearwell top at Hillgrove Water Treatment Plant.	
<i>Approved: FY12</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>I-85 Waterline Replacement</b>	
Relocations associated with the second phase of the I-85 widening.	
<i>Approved: FY14</i>	<i>Expected Completion: FY18</i>
<i>Total Capital Cost</i>	\$619,006
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Waterline Replacement - Wilshire Bridge</b>	
Waterline relocation associated with the replacement of the bridge on Wilshire Avenue.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$150,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Aviation</b>	
<b>Additional Fire System Pump</b>	
This project involves the expansion of the primary pump house and addition of a new primary diesel fire pump capable of 2,700 gpm at 147 psi to increase system capacity of the fire water system.	
<i>Approved: FY12</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$345,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Aviation</b>	
<b>Fire System Surge Tank</b>	
Project involves construction of a 4,000 gallon Hydro-pneumatic surge tank adjacent to the existing pump houses to support the fire water system at the Airport in the event of a discharge.	
<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$1,675,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Derita Road Waterline Replacement</b>	
Realign the existing 16" waterline from Poplar Tent Road to Rocky River as part of the NCDOT TIP project.	
<i>Approved: FY14</i>	<i>Expected Completion: FY17</i>
<i>Total Capital Cost</i>	\$500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>Boosted Pressure Zone Fire Flow Imprv</b>	
Install 1,000LF of 8" waterline along Lucy Dr and Stagecoach Rd, as well as 560LF of 6" waterline along US-29 at Montford Ave. These will be connections between pressure zones that supplement the fire flow in the Rock Hill Church Rd area.	
<i>Approved: FY14</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$150,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>George Liles Parkway Waterline Phase 3</b>	
	<b>\$912,761</b>
Provide a new 24" waterline from Weddington Road to Roberta Road as part of the NCDOT Westside Bypass Project.	
<i>Approved: FY14</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$3,360,510
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Aviation</b>	
<b>Avigation Easement ("Air Rights") Acq.</b>	
This is a planned acquisition of air rights over the Vulcan property adjacent to the Airport in the approach path of the newly extended runway.	
<i>Approved: FY07</i>	<i>Expected Completion: Undetermined</i>
<i>Total Capital Cost</i>	\$3,500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue, Federal

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