

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, 2012)

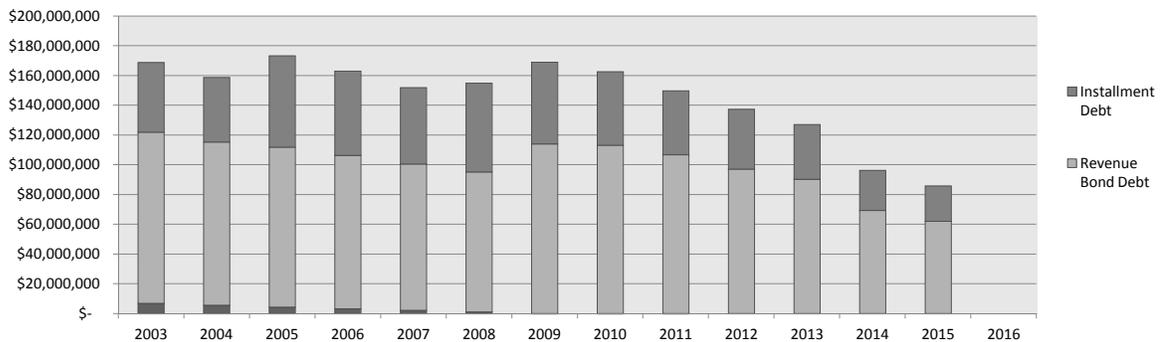
Total Assessed Value	\$	10,210,787,080
Debt Limit: 8% of total assessed value (Mandated by N.C.G.S. 159-55 (c))	\$	816,862,966
Gross Debt:		
Outstanding G.O. Bonds	\$	-
Notes Payable/Installment Notes	\$	40,184,817
	\$	40,184,817
Amount of bonded debt incurred:		
For Electric, Water and/or Wastewater Purposes	\$	123,305
	\$	40,061,512
Legal Debt Margin:	\$	776,801,454
Debt Percentage of Assessed Value:		0.39%

Outstanding Bonded Debt - Fiscal Year 2012-13

Issue Year	Series	Amount Issued	Principal as of 7/1/2012	Amount Retiring in FY 13	Outstanding 6/30/13	Interest Expense in FY 13
Revenue Bonds						
2009	Utilities Systems Refunding, Series 2009B	40,925,000	36,885,000	1,770,000	35,115,000	1,456,594
2002	Utilities Bonds Refunding, Series 2012	17,635,000	17,635,000	760,000	16,875,000	716,325
2008	Utilities System, Series 2008	27,365,000	25,685,000	620,000	25,065,000	1,188,356
2009	Utilities Systems Refunding Series 2009	23,935,000	16,990,000	3,640,000	13,350,000	526,550
Total Revenue Bond Debt		\$109,860,000	\$97,195,000	\$6,790,000	\$90,405,000	\$3,887,825
Loans & Installment Notes/Purchases						
2010	LOB Series 2010	9,235,000	8,190,000	985,000	7,205,000	266,275
2005	COPS Series 2005	27,000,000	18,755,000	1,315,000	17,440,000	848,160
2005	Installment Note/Purchase	4,500,000	2,793,750	225,000	2,568,750	134,800
2006	Installment Note/Purchase	794,543	31,511	31,511	0	167
2007	Installment Note/Purchase	900,936	212,574	140,441	72,133	5,787
2008	Installment Note/Purchase	12,950,000	10,036,250	647,500	9,388,750	437,690
2008	Installment Note/Purchase	780,000	165,732	165,732	0	3,688
Total Loans & Installment Notes/Purchases		\$56,160,479	\$40,184,817	\$3,510,184	\$36,674,633	\$1,696,567
ALL DEBT		\$166,020,479	\$137,379,817	\$10,300,184	\$127,079,633	\$5,584,392

Total Principal Plus Interest to be Serviced in FY 2012-13: \$15,884,576

**Total City Debt Principal
by Financing Method**



General Obligation (GO) Debt Ratios

FY	Total GO Debt *	Assessed Valuation	Ratio Bonded Debt to Assessed Valuation	Population	Bonded Debt Per Capita
2007	2,140,000	7,586,596,670	0.03%	68,249	\$31.36
2008	1,045,000	8,410,626,045	0.01%	71,071	\$14.70
2009	235,000	9,748,219,924	0.00%	79,673	\$2.95
2010	85,000	10,708,605,746	0.00%	79,519	\$1.07
2011	0	10,558,699,943	0.00%	79,521	\$0.00
2012	0	10,200,112,859	0.00%	80,316	\$0.00
2013	0	8,860,416,287	0.00%	81,119	\$0.00
2014	0	9,037,624,613	0.00%	81,931	\$0.00
2015	0	9,218,377,105	0.00%	82,750	\$0.00
2016	0	9,402,744,647	0.00%	83,577	\$0.00
2017	0	9,590,799,540	0.00%	84,413	\$0.00

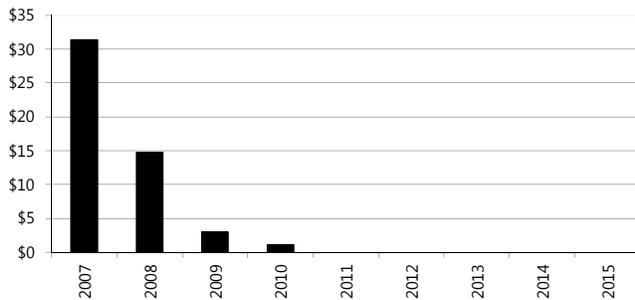
*GO Bonds that are supported by City Enterprise Funds and GO Bonds that are supported by the General Fund.

FY	Total Net GO Debt **	Assessed Valuation	Ratio Net Bonded Debt to Assessed Valuation	Population	Net Bonded Debt Per Capita
2007	463,045	7,586,596,670	0.01%	68,249	\$7.30
2008	366,944	8,410,626,045	0.00%	71,071	\$5.38
2009	235,000	9,748,219,924	0.002%	79,673	\$3.38
2010	85,000	10,708,605,746	0.001%	79,000	\$1.20
2011	0	10,558,699,943	0.000%	79,066	\$0.00
2012	0	10,200,112,859	0.000%	80,316	\$0.00
2013	0	8,860,416,287	0.000%	81,119	\$0.00
2014	0	9,037,624,613	0.000%	81,931	\$0.00
2015	0	9,218,377,105	0.000%	82,750	\$0.00
2016	0	9,402,744,647	0.000%	83,577	\$0.00
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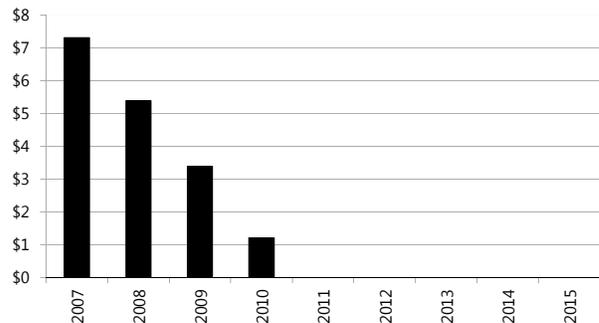
** GO Bonds that are supported solely by the General Fund.

Note: 2012 is unaudited and 2013-2017 are based upon future year estimates

Bonded GO Debt Per Capita*



Net Bonded GO Debt Per Capita**

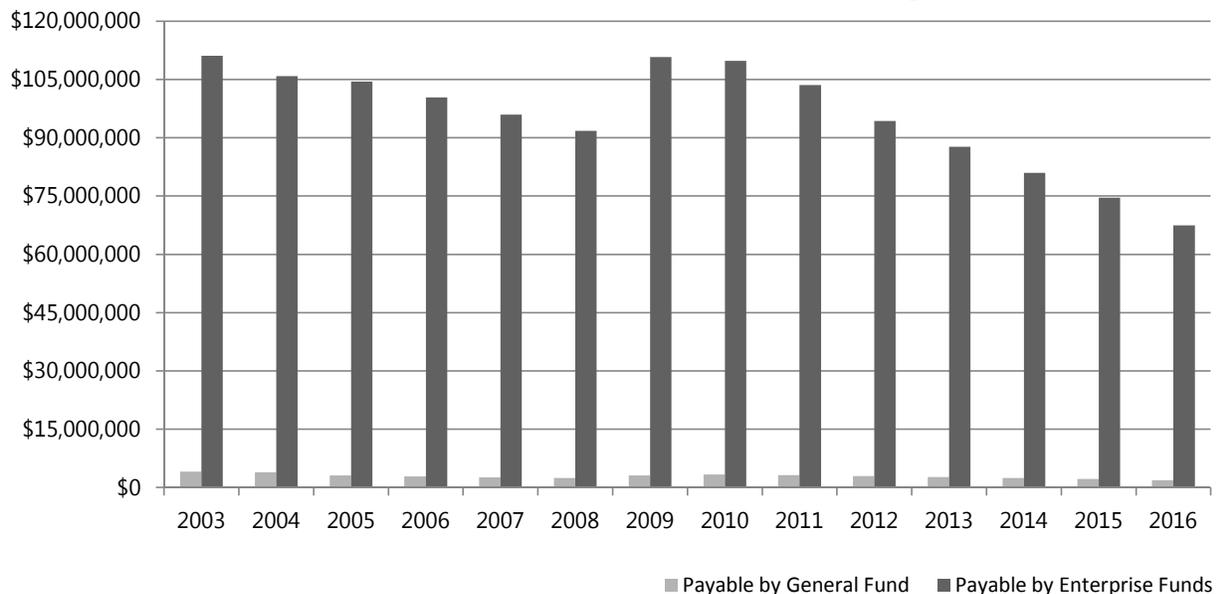


Schedule of Total Debt Requirements

Please note, in the tables that follow, Governmental types are those payable by General Fund and Business types are those payable by Enterprise Funds.

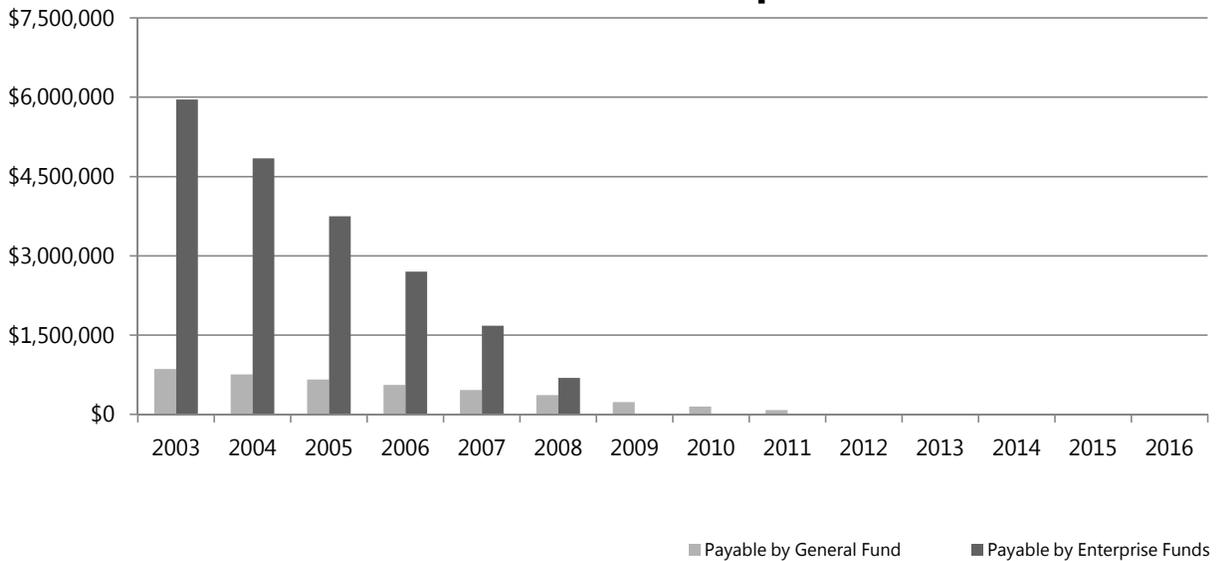
Year	Loans & Installment Notes				Other Lease Purchase & Installment Contracts (Principal & Interest)	
	Governmental		Business		Governmental	Business
	Principal	Interest	Principal	Interest		
2012	529,067	209,049	762,485	428,389	1,189,918	997,205
2013	441,953	188,466	768,233	393,666	2,087,146	1,270,611
2014	342,136	602,500	602,500	362,407	2,143,824	1,268,029
2015	270,000	158,870	602,500	334,369	2,021,273	1,252,727
2016	270,008	147,139	602,493	306,695	1,966,547	1,244,303
2017-2021	1,350,038	554,353	3,012,463	1,110,856	8,789,290	6,058,560
2022-2026	1,350,038	254,888	2,656,213	423,755	4,224,350	0
2027-2031	405,011	18,032	566,239	25,210	2,848,000	0
2032-3036	0	0	0	0	0	0
Total	4,958,251	2,133,297	9,573,126	3,385,347	25,270,348	12,091,435

Revenue Bond Debt Principal



Year	General Obligation				Revenue Bonds				Totals
	Governmental		Business		Governmental		Business		
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	
2012	0	0	0	0	214,078	118,112	6,400,923	3,712,862	14,562,088
2013	0	0	0	0	219,625	111,607	6,570,375	3,722,249	15,773,931
2014	0	0	0	0	225,225	104,934	6,754,775	3,525,297	15,931,627
2015	0	0	0	0	295,785	96,731	6,939,215	3,311,038	15,282,508
2016	0	0	0	0	303,398	86,735	7,136,606	3,067,446	15,131,370
2017-2021	0	0	0	0	1,310,645	263,434	32,963,575	12,640,808	68,054,022
2022-2026	0	0	0	0	573,895	33,722	18,776,105	5,820,181	34,113,147
2027-2031	0	0	0	0	0	0	10,265,000	3,003,685	17,131,177
2032-3036	0	0	0	0	0	0	7,995,000	1,039,375	9,034,375
Total	0	0	0	0	3,142,651	815,275	103,801,574	39,842,941	205,014,245

General Obligation Bond Debt Principal



FY 2013-17 CAPITAL IMPROVEMENT PLAN (CIP) GUIDE

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
- involve any land purchases not associated with or included in another CIP project
- involve capital road maintenance or construction greater than \$100,000 – excluding recurring or routine maintenance projects

RECENT CHANGES AND ENHANCEMENTS TO THE CIP

Capital Improvement Plan's projects have been updated, but the overall CIP format remains unchanged from the FY 05-09 plan.

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 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)

Capital Improvement Plan (CIP)				Prior Year Funding	FY 2013 Budget	Impact on FY 2013 Operating Budget	FY 2014 Budget	Impact on FY 2014 Operating Budget	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	Future (remainder of project)	Total Budget Impact
Function	Project	Primary Funding Sources	Capital Cost Impact													
GENERAL FUND																
General Government																
Non-Departmental	Municipal Building Replacement	Debt Financing	19,160,000				1,360,000		17,800,000							19,160,000
	Operations Center Improvements- Storage & Parking Improvements	Operating Revenue	195,000		195,000											195,000
	Operations Center Improvements- Debris & Leaf Processing Site	Capital Reserve	200,000			200,000										200,000
	Operations Center Improvements- Upper Layout Yard	Capital Reserve	490,000					490,000								490,000
	Operations Center Improvements - Parking Addition & Access Road	Capital Reserve	950,000							950,000	100,000					1,050,000
	Operations Center Improvements - New Equipment Shelters	Capital Reserve	1,465,000										1,465,000	200,000		1,665,000
	George Liles Parkway Extension Lighting	Operating Revenue	230,000					230,000								230,000
General Government CIP Sub-Total			22,690,000	0	195,000	0	1,560,000	0	18,520,000	0	950,000	100,000	1,465,000	200,000	0	22,990,000
Public Safety																
Fire & Life Safety	Fire Station 11 Construction	Capital Reserve, Operating Rev	2,000,000	75,250	2,000,000											2,000,000
Fire & Life Safety	Purchase of Replacement Pumper FD-204	Operating Revenue	327,747		327,747											327,747
	Renovations to Fire Station 5	Capital Reserve	124,000		124,000											124,000
	Structural Collapse/Trench Unit	Operating Revenue	405,000					405,000								405,000
	Replacement of Self-Contained Breathing Apparatus	Operating Revenue	1,400,000			1,400,000										1,400,000
	Replacement of Aerial Ladders FD-205 & FD-206	Installation Purchase,	2,190,000								1,095,000		1,095,000			2,190,000
	Replacement of Pumper FD-110	Operating Revenue	450,000								450,000					450,000
	Fire Station 10 Permanent Station	Debt Funding, Operating Rev.	4,182,189										3,672,189		510,000	4,182,189
Fire & Life Safety CIP Sub-Total			11,078,936	75,250	2,451,747	0	1,400,000	0	405,000	0	1,545,000	0	4,767,189	0	510,000	11,078,936
Public Works																
Solid Waste & Recycling																
Public Services Admin.	Operations Center Improvements - Solid Waste Shelter	Operating Revenue	240,000		240,000											240,000
	Replacement SWR-429 Knuckleboom	Operating Revenue	125,000		125,000											125,000
	Replacement of SWR-412 Rearloader	Operating Revenue	150,000		150,000											150,000
	Replacement Roll-of Truck SWR-406	Operating Revenue	130,000			130,000										130,000
	Replacement Loader SWR-421	Operating Revenue	110,000					110,000								110,000
	Replacement Knuckleboom SWR-431	Operating Revenue	130,000								130,000					130,000
	Replacement Rearloader SWR-432	Operating Revenue	160,000								160,000					160,000
	Replacement Knuckleboom SWR-435	Operating Revenue	130,000										130,000			130,000
	Replacement Knuckleboom SWR-436	Operating Revenue	130,000										130,000			130,000
Solid Waste & Recycling CIP Sub-Total			1,305,000	0	515,000	0	130,000	0	110,000	0	290,000	0	260,000	0	0	1,305,000
Economic Development																

Capital Improvement Plan (CIP)

Function	Project	Primary Funding Sources	Capital Cost Impact	Prior Year Funding	FY 2013 Budget	Impact on FY 2013 Operating Budget	FY 2014 Budget	Impact on FY 2014 Operating Budget	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	Future (remainder of project)	Total Budget Impact
Planning & Neighborhood Development	Accela Automation Software Implementation	Operating Rev. (technology fee)	794,755				794,755									794,755
	Cabarrus Ave. West Acquisition	CDBG	100,000	323,000			50,000		50,000							100,000
Economic Development CIP Sub-Total			894,755	323,000	0	0	844,755	0	50,000	0	0	0	0	0	0	894,755
Cultural and Recreational																
Parks & Recreation	Rocky River Greenway - Moss Creek	Grants, Operating Rev.	440,000	275,000			440,000	168,000								608,000
	Lake Howell Park Development (formerly Northwest Park)	Capital Reserve	1,000,000	64,031			700,000		300,000							1,000,000
	Harold B. McEachern Greenway - Cabarrus Avenue Development	Capital Reserve	1,550,000	208,491			800,000		750,000							1,550,000
	Rocky River Greenway - Airport Development	Capital Reserve, Grants, & Operating Rev.	1,600,000	50,000			1,600,000			98,200						1,698,200
	Park Lighting Replacement Ph. 1 (Webb Field & Les Myers Park)	Operating Revenue	601,000			601,000										601,000
	Bleacher Replacement at all Three Recreation Centers	Operating Revenue	175,000			175,000										175,000
	Dog Park Development	P&R Capital Reserve	272,000			272,000		107,100								379,100
	Rocky River Greenway - Riverwalk	Capital Reserve, Operating Rev., Grants	2,889,000	545,775			2,889,000			98,200						2,987,200
	Weddington Rd. Trailhead Development	Capital Reserve, Grants	1,000,000						50,000		950,000					1,000,000
	McEachern Greenway Ph. 4 (CMC-NE to Les Myers Park)	Capital Reserves, Operating Revenues, Grants	2,000,000								100,000		110,000	1,790,000		2,000,000
	Coddle Creek/Afton Run Greenway Ph. 1 (Dorton Park to Coddle Creek)	Capital Reserves, Grants	3,500,000								500,000		3,000,000			3,500,000
	Irish Buffalo Creek Greenway Development (City Limits with Kannapolis to Cabarrus Ave)	Capital Reserves, Grants	2,000,000								340,000		1,660,000			2,000,000
	Park Lighting Replacement Ph. 2 (Hartsell Ballfield, Caldwell Park, Beverly Hills Tennis)	Operating Revenues	332,600								332,600					332,600
	Skateboard Park Construction	Operating Revenue	400,000										400,000			400,000
	Afton Run Stream Restoration	P&R Capital Reserve, Grant	800,000								800,000					800,000
Parks & Recreation CIP Sub-Total			18,559,600	1,143,297	1,488,000	0	5,989,000	275,100	1,100,000	196,400	3,022,600	0	5,170,000	0	1,790,000	19,031,100
GENERAL FUND CIP TOTAL - EXPENSE			54,528,291	1,541,547	4,649,747	0	9,923,755	275,100	20,185,000	196,400	5,807,600	100,000	11,662,189	200,000	2,300,000	55,299,791
GENERAL FUND - Revenues																
	Operating Revenue		8,745,222		2,930,624		2,324,755	275,100	745,000	196,400	772,600		890,743		610,000	8,745,222
	State/Federal Funding		3,665,000		425,000		1,350,000		100,000		1,680,000		110,000			3,665,000
	Debt Financing		25,031,446				1,360,000		17,800,000		1,335,000		4,536,446			25,031,446
	Capital Reserve/Other		17,858,123		1,294,123		4,889,000		1,540,000		2,020,000	100,000	6,125,000	200,000	1,690,000	17,858,123
GENERAL FUND CIP TOTAL - REVENUE			55,299,791		4,649,747	0	9,923,755	275,100	20,185,000	196,400	5,807,600	100,000	11,662,189	200,000	2,300,000	55,299,791
GENERAL FUND - Transfers to Project/Reserve Funds																
FY13 Items to Remain in General Fund							2,000,747									
FY13 Items to be Transferred to Project Fund							2,649,000									
DEDICATED TRANSPORTATION FUNDS																
	George Liles Pkwy and Village Dr. NW Traffic Signal	Capital Reserves	161,000				161,000									161,000

Capital Improvement Plan (CIP)

Function	Project	Primary Funding Sources	Capital Cost Impact	Prior Year Funding	FY 2013 Budget	Impact on FY 2013 Operating Budget	FY 2014 Budget	Impact on FY 2014 Operating Budget	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	Future (remainder of project)	Total Budget Impact
	Derita Rd. Improvements Ph. 1	Capital Reserves	400,000	11,933,813	400,000											400,000
	Poplar Tent Rd. and US 29 Improvements	Capital Reserves, CMAQ Grant	43,848	897,125	43,848											43,848
	Burrage Rd	Capital Reserves	1,200,000		1,200,000											1,200,000
	Infrastructure Projects - Sidewalk Program	Capital Reserves	900,000		150,000		150,000		150,000		150,000		150,000		150,000	900,000
	Terminal Court NW Street Improvements	Capital Reserves	110,400		110,400											110,400
DEDICATED TRANSPORTATION FUND CIP TOTAL - EXPENSE			2,815,248	12,830,938	2,065,248	0	150,000	2,815,248								
DEDICATED TRANSP. FUNDS-Revenues																
	Operating Revenue		0													0
	State/Federal Funding		32,886		32,886											32,886
	Transportation Reserve Funds		2,782,362		2,032,362		150,000		150,000		150,000		150,000		150,000	2,782,362
DEDICATED TRANSP. FUNDS CIP TOTAL - REVENUE			2,815,248		2,065,248	0	150,000	2,815,248								
STORMWATER FUND																
Stormwater Operations	Capital Projects Master Planning	Operating Revenue	700,000	684,583	350,000		350,000									700,000
	Melrose Drive Culvert	Operating Revenue	156,000		156,000											156,000
	Reubens Rd. Culvert Replacement	Operating Revenue	189,000				189,000									189,000
	Wyoming Drive at Grand Canyon: Culvert Replacement	Operating Revenue	195,000				195,000									195,000
	Wyoming Dr. at Montana: Culvert Replacement	Operating Revenue	178,000						178,000							178,000
	Excavator	Operating Revenue	150,000		150,000											150,000
	Farmwood Blvd. Culvert Replacement	Operating Revenue	259,000										259,000			259,000
	Treasure Dr. Culvert Replacement	Operating Revenue	125,000								125,000					125,000
	Chadbourne Ave. Culvert Replacement	Operating Revenue	375,000								375,000					375,000
	Glenwood Dr. Culvert Replacement	Operating Revenue	125,000										125,000			125,000
	Chelwood Dr. Culvert Replacement	Operating Revenue	375,000										375,000			375,000
STORMWATER FUND TOTAL - EXPENSE			2,827,000	684,583	656,000	0	734,000	0	178,000	0	500,000	0	759,000	0	0	2,827,000
STORMWATER FUND-Revenues																
	Operating Revenue		2,827,000		656,000		734,000		178,000		500,000		759,000			2,827,000
STORMWATER FUND CIP TOTAL - REVENUE			2,827,000		656,000	0	734,000	0	178,000	0	500,000	0	759,000	0	0	2,827,000
STORMWATER FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Stormwater Fund				150,000											
	FY13 Items to be Transferred to Project Fund				506,000											
ELECTRIC FUND																
Peak Shaving	Peaking Generators - Emissions Upgrades	Operating Revenue	220,000	180,000	220,000											220,000
Electric Construction	Electric Underground Duct Bank on International Blvd	Operating Revenue	1,000,000		1,000,000											1,000,000
	System Power Factor Correction	Operating Revenue	300,000		150,000		150,000									300,000
Electric Engineering	Construction of New Delivery #4 and 100 KV Interconnected - Ph. 1	Operating Rev, Capital Reserve,	7,283,235				7,283,235									7,283,235

Capital Improvement Plan (CIP)

Function	Project	Primary Funding Sources	Capital Cost Impact	Prior Year Funding	FY 2013 Budget	Impact on FY 2013 Operating Budget	FY 2014 Budget	Impact on FY 2014 Operating Budget	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	Future (remainder of project)	Total Budget Impact
Electric Construction	Replacement of E-239 Line Truck	Operating Revenue	225,000				225,000									225,000
Electric Engineering	Construction of New Substation P in NC49/US601	Revenue Bonds	2,770,031						2,770,031							2,770,031
	Construction of 100 KV Sub @ Delivery #4 - Ph. 2	Revenue Bonds	5,195,777						5,195,777							5,195,777
Electric Construction	Replacement of E-256 Line Truck	Operating Revenue	230,000				230,000									230,000
Electric Engineering	100 KV Transmission System- Close Western Loop	Revenue Bonds	5,505,141								5,505,141					5,505,141
Electric Construction	Replacement of E-222 Line Truck	Operating Revenue	235,000						235,000							235,000
Electrical Engineering	Conversion of Sub H to 100 KV	Operating Revenue	3,275,190										3,275,190			3,275,190
Electric Construction	Replacement of E-258 Bucket Truck	Operating Revenue	210,000		210,000											210,000
	Replacement of E-227 Bucket Truck	Operating Revenue	150,000										150,000			150,000
	Replacement of E-302 Bucket Truck	Operating Revenue	240,000										240,000			240,000
	Replacement of E-319 Bucket Truck	Operating Revenue	220,000						220,000							220,000
	Replacement of E-325 Bucket Truck	Operating Revenue	150,000										150,000			150,000
	Bucket/Digger Derrick Utility Vehicle	Operating Revenue	140,000			140,000										140,000
Maintenance Powerlines	Solid State Relay Conversion for Substation J	Operating Revenue	180,000		180,000											180,000
	Solid State Relay Conversion for Substation B	Operating Revenue	180,000			180,000										180,000
ELECTRIC FUND CIP TOTAL - EXPENSE			27,709,374	180,000	1,760,000	0	8,208,235	0	8,420,808	0	5,505,141	0	3,815,190	0	0	27,709,374
ELECTRIC FUND-Revenues																
	Operating Revenue		11,725,221		1,760,000		2,925,000		3,225,031				3,815,190			11,725,221
	Debt Financing		13,342,535				2,641,617		5,195,777		5,505,141					13,342,535
	Capital Reserve		2,641,618				2,641,618									2,641,618
ELECTRIC FUND CIP TOTAL - REVENUE			27,709,374		1,760,000	0	8,208,235	0	8,420,808	0	5,505,141	0	3,815,190	0	0	27,709,374
ELECTRIC FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Electric Fund				210,000											
	FY13 Items to be Transferred to Project Fund				1,550,000											
WATER FUND																
Hillgrove WTP	Disinfection Byproduct Reduction Needs	Operating Revenue	1,675,000		110,000		575,000		440,000		550,000					1,675,000
Waterlines Op. & Maint.	I-85 Widening - Waterline Replacement	Operating Revenue	412,670			206,335		206,335								412,670
Coddle Creek WTP	Replace Existing PLC Cabinets	Operating Revenue	306,000		106,000						100,000			100,000		306,000
	Replace High Service Pump Motor Starters	Operating Revenue	690,000		414,000			276,000								690,000
Waterlines Op. & Maint.	Waterline Replacement - Wilshire Bridge	Operating Revenue	150,000			150,000										150,000
	George Liles Blvd Waterline Ph. 3	Operating Revenue	3,360,510			1,120,170		1,120,170		1,120,170						3,360,510
	Derita Rd. Waterline Replacement	Operating Revenue	500,000			500,000										500,000
	Waterline Replacement - US 29 Bridge	Operating Revenue	300,000					300,000								300,000
	Hwy 73 Waterline Between Kannapolis Pkwy & Trinity Church Rd.	Operating Revenue	1,303,125										1,303,125			1,303,125
	Replacement and/or Relining of Aged Waterlines	Operating Revenue	3,000,000		500,000		500,000		500,000		500,000		500,000	500,000	500,000	3,000,000

Capital Improvement Plan (CIP)

Function	Project	Primary Funding Sources	Capital Cost Impact	Prior Year Funding	FY 2013 Budget	Impact on FY 2013 Operating Budget	FY 2014 Budget	Impact on FY 2014 Operating Budget	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	Future (remainder of project)	Total Budget Impact
WATER FUND CIP TOTAL - EXPENSE			11,697,305	0	1,130,000	0	3,051,505	0	2,842,505	0	2,270,170	0	1,803,125	0	600,000	11,697,305
WATER FUND - Revenue																
	Operating Revenue		11,697,305		1,130,000		3,051,505		2,842,505		2,270,170		1,803,125		600,000	11,697,305
WATER FUND CIP TOTAL - REVENUE			11,697,305		1,130,000	0	3,051,505	0	2,842,505	0	2,270,170	0	1,803,125	0	600,000	11,697,305
WATER FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Water Fund				500,000											
	FY13 Items to be Transferred to Project Fund				630,000											
PUBLIC TRANSIT FUND																
Rider Transit System	Replacement of Transit Buses	FTA, NCDOT, Local Revenues, & Operating Rev.	3,000,000				1,500,000		1,500,000							3,000,000
	Transit Operations and Maintenance Facility	FTA, NCDOT, Local Revenues, & Operating Rev.	6,050,000								6,000,000		50,000			6,050,000
PUBLIC TRANSIT FUND CIP TOTAL - EXPENSE			9,050,000	0	0	0	1,500,000	0	1,500,000	0	6,000,000	0	50,000	0	0	9,050,000
PUBLIC TRANSIT FUND - Revenue																
	Operating Revenue		475,000				75,000		75,000		300,000		25,000			475,000
	State/Federal Funding		8,100,000				1,350,000		1,350,000		5,400,000					8,100,000
	Other Local Funding		475,000				75,000		75,000		300,000		25,000			475,000
PUBLIC TRANSIT FUND CIP TOTAL - REVENUE			9,050,000		0	0	1,500,000	0	1,500,000	0	6,000,000	0	50,000	0	0	9,050,000
PUBLIC TRANSIT FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Public Transit Fund				NA											
	FY13 Items to be Transferred to Project Fund				NA											
WASTEWATER FUND																
	Highland Creek Elrond Drive Outfall	Operating Revenue	243,250				243,250									243,250
	Great Road Outfall Upgrade	Operating Revenue	1,068,250				1,068,250									1,068,250
	Mountain Laurel Outfall	Operating Revenue	244,480				244,480									244,480
	Roberta Woods Pump Station Elimination	Operating Revenue	598,000				598,000									598,000
	TV Truck Replacement	Operating Revenue	195,000						195,000							195,000
WASTEWATER FUND CIP TOTAL - EXPENSE			2,348,980	0	0	0	2,153,980	0	195,000	0	0	0	0	0	0	2,348,980
WASTEWATER FUND - Revenue																
	Operating Revenue		2,348,980				2,153,980		195,000							2,348,980
	Debt Financing		0													0
WASTEWATER FUND CIP TOTAL - REVENUE			2,348,980		0	0	2,153,980	0	195,000	0	0	0	0	0	0	2,348,980
WASTEWATER FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Wastewater Fund				NA											
	FY13 Items to be Transferred to Project Fund				NA											
GOLF COURSE FUND																
Rocky River Golf Course	Rocky River Clubhouse Expansion	Capital Reserve	157,000		12,000		145,000									157,000
GOLF COURSE FUND CIP TOTAL - EXPENSE			157,000		12,000	0	145,000	0	0	0	0	0	0	0	0	157,000
GOLF COURSE FUND - Revenue																
	Capital Reserve		157,000		12,000		145,000									157,000
GOLF COURSE FUND CIP TOTAL - REVENUE			157,000		12,000	0	145,000	0	0	0	0	0	0	0	0	157,000
GOLF COURSE FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Golf Course Fund				12,000											
	FY13 Items to be Transferred to Project Fund				0											

Capital Improvement Plan (CIP)

Function	Project	Primary Funding Sources	Capital Cost Impact	Prior Year Funding	FY 2013 Budget	Impact on FY 2013 Operating Budget	FY 2014 Budget	Impact on FY 2014 Operating Budget	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	Future (remainder of project)	Total Budget Impact
AVIATION FUND																
Aviation Operations	Apron Rehabilitation Overlay & Pavement Strengthening	FAA, Operating Revenue	2,800,490	500,000			2,800,490									2,800,490
	New Relocated Control Tower	Federal Rev., Operating Rev.	3,000,000				3,000,000									3,000,000
	Taxiway Overlay	Federal Rev., Operating Rev.	2,063,500	265,589			2,063,500									2,063,500
	Airport Rescue & Firefighting (ARFF) Vehicle	FAA, Operating Revenue	800,000				800,000									800,000
	South Development Apron Expansion	FAA, Operating Revenue	1,300,000				1,300,000									1,300,000
	Fire System Surge Tank	Operating Revenue	258,750		258,750											258,750
	Hangar A Office Addition	Operating Revenue	400,000				400,000									400,000
	Parking Facilities Expansion	Private Partnership	5,350,000				350,000	5,000,000								5,350,000
	Runway 20 EMAS	FAA, Operating Revenue	2,500,000				2,500,000									2,500,000
	North Internal Service Rd	FAA, Operating Revenue	2,150,300					325,000			1,825,300					2,150,300
	Terminal Expansion	Operating Rev. & Private	13,380,000					580,000			12,800,000					13,380,000
	Aircraft Washrack	Operating Revenue	250,000					250,000								250,000
	Large Aircraft Run-Up Areas	FAA, Operating Rev.	650,000					650,000								650,000
	Corporate Hangar Developments	Bond	3,300,000										3,300,000			3,300,000
	Jet Engine Blast Deflector Fence for Apron	Operating Rev	150,000										150,000			150,000
	Helipads	FAA, Operating Rev	410,000										410,000			410,000
	SCADA Pump Controller Replacements	Operating Revenue	100,000					100,000								100,000
AVIATION FUND CIP TOTAL - EXPENSE			38,863,040	765,589	258,750	0	13,213,990	0	6,905,000	0	14,625,300	0	3,860,000	0	0	38,863,040
AVIATION FUND - Revenue																
	Operating Revenue		9,416,179		258,750		1,646,399	737,500		6,582,530		191,000				9,416,179
	State/Federal Funding		9,289,270				11,217,591	877,500		8,042,770		369,000				20,506,861
	Debt Financing		14,517,591										3,300,000			3,300,000
	Other Funding/Private Partnership		5,640,000				350,000	5,290,000								5,640,000
AVIATION FUND CIP TOTAL - REVENUE			38,863,040		258,750	0	13,213,990	0	6,905,000	0	14,625,300	0	3,860,000	0	0	38,863,040
AVIATION FUND - Transfers to Project/Reserve Funds																
	FY13 Items to Remain in Aviation Fund				258,750											
	FY13 Items to be Transferred to Project Fund				0											
CIP PROJECTS TOTAL			149,996,238	14,461,110	10,531,745	0	39,080,465	275,100	40,376,313	196,400	34,858,211	100,000	22,099,504	200,000	3,050,000	150,767,738

CIP YEAR 1 APPROVED PROJECTS

The boxes below provide summary detail for all CIP projects scheduled for funding in year 1, or FY 2013, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2013-2017 Capital Improvement Plan.

How to read the summary information:

- ← Department
- ← Project title and FY13 cost
- ← Project description
- ← Estimated year of completion
- ← Total cost of capital project
- ← Total 5-yr impact on operating budget
- ← Project's funding sources

Non-Departmental	
Operations Center Imprv- Storage & Parking	\$195,000
Conversion of a central median to parking spaces, addition of a material storage area, and the construction of 3-sided, metal storage building.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$195,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Fire & Life Safety	
Construction of Fire Station #11	\$2,000,000
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>Expected Completion: FY13</i>	
Total Capital Cost	\$2,075,250
Total Operating Cost	\$0
Funding Source(s)	Capital Reserve, Operating Rev

Fire & Life Safety	
Purchase of a Replacement Pumper FD 204	\$327,747
This project involves the purchase of one new pumper.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$327,747
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Fire & Life Safety	
Renovation of Station #5	\$124,000
This project involves basic renovations to Fire Station 5 to upgrade living quarters and enlarge bay door openings.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$124,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Solid Waste & Recycling	
Solid Waste Shelter	\$240,000
Will build a shelter for carts and large heavy-duty vehicles to protect them from sun and rain exposure to extend their useful life, prevent roll-out carts from filling with rain, and provide a more comfortable environment for cart assembly.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$240,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Solid Waste	
Replacement SWR429 Knuckleboom	\$125,000
Purchase one (1) Knuckleboom truck to replace SWR-429 for collecting large piles of yard waste.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$125,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Solid Waste	
Replacement SWR412 Rearloader	\$150,000
Purchase one (1) rear loader garbage truck to replace SWR-412 in our active fleet. When replaced, SWR-412 will become a backup (spare) unit, and current spare SWR-409 will be surplus.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$150,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Parks & Recreation	
Rocky River Greenway - Moss Creek	\$440,000
The development of Rocky River Greenway-Moss Creek is an approximate 1 1/2 mile segment that begins in the Moss Creek Neighborhood and extends downstream to Odell Elementary School and Moss Farm Road.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$715,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue, Grant Funding

Parks & Recreation	
Park Lighting Replacement Ph. 1	\$601,000
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>Expected Completion: FY13</i>	
Total Capital Cost	\$601,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Parks & Recreation	
Bleacher Replacement	\$175,000
Replacement of bleachers at all three recreation centers.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$175,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Parks & Recreation	
Dog Park Development	\$272,000
This project will develop a dog park for City residents.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$272,000
Total Operating Cost	\$107,100
Funding Source(s)	P&R Capital Reserve

Dedicated Transportation Funds	
George W Liles Pkwy/Village Dr Traffic Signal	\$161,000
Install a traffic signal at the intersection of George W. Liles Pkwy. and Village Dr., NW / Grand Canyon Dr., NW. The proposed signal will be constructed with mast-arm poles and include count-down pedestrian heads.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$161,000
Total Operating Cost	\$0
Funding Source(s)	Capital Reserves

Dedicated Transportation Funds	
Derita Road Improvements	\$400,000
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>Expected Completion: FY14</i>	
Total Capital Cost	\$12,333,813
Total Operating Cost	\$0
Funding Source(s)	NCDOT, Transportation Cap Rsvs

Dedicated Transportation Funds	
Poplar Tent Rd & US 29 Improvements	\$43,848
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>Expected Completion: FY13</i>	
Total Capital Cost	\$940,973
Total Operating Cost	\$0
Funding Source(s)	CMAQ, Transportation Cap Rsvs

Dedicated Transportation Funds	
Burrage Road	\$1,200,000
Re-construct the surface of Burrage Rd., NE from Lake Concord Rd. to Bradley St., NE, inside the platted public right-of-way and upgrade / renovate the facility to meet minimum City of Concord street standards with a Complete Streets typical section.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$1,200,000
Total Operating Cost	\$0
Funding Source(s)	Capital Reserves

Dedicated Transportation Funds	
Sidewalk Program	\$150,000
Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$150,000
Total Operating Cost	\$0
Funding Source(s)	Capital Reserves

Dedicated Transportation Funds	
Terminal Court Improvements	\$110,400
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>Expected Completion: FY13</i>	
Total Capital Cost	\$110,000
Total Operating Cost	\$0
Funding Source(s)	Capital Reserves

Stormwater	
Capital Projects Master Plan	\$350,000
This project consists of a single-bay 100 KV electric substation, to be built adjacent to the existing substation in the International Business Park.	
<i>Expected Completion: FY15</i>	
Total Capital Cost	\$1,384,583
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater	
Melrose Drive Culvert	\$156,000
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>Expected Completion: FY13</i>	
Total Capital Cost	\$156,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater	
Excavator	\$150,000
The Stormwater Department is requesting funding for the replacement of the existing Samsung 1998 model trackhoe excavator.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$150,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Electric Systems	
Peaking Generators - Ph. 2	\$220,000
Purchase and Installation of Diesel Oxidation Catalyst to reduce carbon monoxide, non-methane hydrocarbons and particulate matter. 8 Units replaced in Phase 1 for Florence Ave. Phase 2 = 6 units for Manor Ave. site.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$400,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Electric Systems	
Electric Underground Duct Bank	\$1,000,000
This is a electric underground project that will install a concrete duct bank down International Blvd. from Sub K to Fortune Drive. This is an extension of the Substation K-2 project.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$1,000,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Electric Systems	
System Power Factor Correction	\$150,000
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>Expected Completion: FY13</i>	
Total Capital Cost	\$300,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Electric Systems	
Replacement E258 Bucket Truck	\$210,000
Replace E-258, currently a 2004 Ford F-550 17,500 GVW Bucket Truck, with 43' working height. This truck is to be replaced with a larger 55' working height bucket truck.	
<i>Expected Completion: FY13</i>	
Total Capital Cost	\$210,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Electric Systems	
Solid State Relay Conversion for Substation J	\$180,000
This project will convert the current relay protection package at Substation "J" to a new solid state package. It will also incorporate a new control house and SCADA communications equipment.	
<i>Expected Completion: FY12</i>	
Total Capital Cost	\$180,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Water Fund	
Disinfection Byproduct Reduction	\$110,000
This project is intended to decrease the disinfection byproducts in the distribution system to meet state regulations at Hillgrove Water Treatment Plant.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$1,675,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Water Fund	
Replace High Service Pump Motor Starters	\$106,000
This project is to replace the pump motor starters in motors 1 through 5 at the Coddle Creek Water Treatment Plant. Motors 1, 3, 5 are programmed for replacement in FY 13.	
<i>Expected Completion: Future Years</i>	
Total Capital Cost	\$690,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Water Fund	
Replace Existing PLC Cabinets	\$306,000
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>Expected Completion: Ongoing</i>	
Total Capital Cost	\$306,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Water Fund	
Replacement/Relining of Aged Waterlines	\$500,000
This project is to replace or reline pre-1950s waterlines.	
<i>Expected Completion: Ongoing</i>	
Total Capital Cost	\$3,000,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Rocky River Golf Course	
Clubhouse Expansion	\$12,000
Expansion of Clubhouse dining and banquet facilities to accommodate larger groups.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$157,000
Total Operating Cost	\$0
Funding Source(s)	Capital Reserve or Operating Revenues

Aviation	
Fire System Surge Tank	\$258,750
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>Expected Completion: FY16</i>	
Total Capital Cost	\$1,675,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

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 FY13, are currently in progress, and are not yet completed.

Non-Departmental	
Wash Bay/Equipment Shed & Storage	
The project constructs a shared wash bay, equipment shelter, and storage facility at the Brown Operations Center.	
<i>Approved: FY12</i>	<i>Expected Completion: FY13</i>
<i>Total Capital Cost</i>	\$750,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

- 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

Economic Development	
Logan Neighborhood Plan	
The current phase of this project provides funding to be used in infrastructure improvements for the redevelopment phases of the 21-acres on Lincoln Street.	
<i>Approved: FY04</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$1,593,182
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Federal Funding, Gen. Fund, CDBG Fund

Economic Development	
Cabarrus Avenue Acquisition	
This project will acquire properties for redevelopment on Cabarrus Avenue in the Phase II area. This area extends from the railroad track bridge to Union Street.	
<i>Approved: FY04</i>	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$423,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue, CDBG

Economic Development	
McCachern Streetscape Improvement	
This project will construct street and pedestrian improvements on McCachern Boulevard as identified in the Downtown Master Plan.	
<i>Approved: FY06</i>	<i>Expected Completion: FY12</i>
<i>Total Capital Cost</i>	\$487,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Parks and Recreation	
Rocky River Greenway- Riverwalk	
This project designs and constructs Phase I, a 2 1/2 mile segment of the Greenway. It addresses bicycle, pedestrian, and greenway needs as identified in the Livable Community Blueprint.	
<i>Approved: FY04</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$2,889,000
<i>Total Operating Cost</i>	\$98,200
<i>Funding Source(s)</i>	Debt Financing, Operating Revenue

Parks & Recreation	
Afton Run Stream Restoration	
To pursue design and restoration solely within the Dorton Park property to address severe erosion that is a potential safety hazard to patrons.	
<i>Approved: FY12</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$800,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	P&R Capital Reserve, Grant Funding

Parks & Recreation	
MacEachern Greenway Ph. 3	
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: FY15</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.

Parks & Recreation	
Rocky River Greenway- Airport	
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: FY15</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.

Transportation Improvement Fund	
George W. Liles Parkway Extension	
The proposed extension from Weddington Rd. to Roberta Rd. is part of a coordinated effort between the City and NCDOT to address critical, local roadway infrastructure needs.	
<i>Approved: FY12</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$10,767,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Financing Proceeds (NC to reimburse)

Transportation Improvement Fund	
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: FY15</i>
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Improvement Fund

Transportation Improvement Fund	
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: FY14</i>
<i>Total Capital Cost</i>	\$500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Improvement Fund

Electric Systems	
Substation G Replacement Transformer	
This project will purchase new 44KV to 12KV LTC Transformer to replace a existing 40 year-old transformer currently located at Sub G	
<i>Approved: FY12</i>	<i>Expected Completion: FY13</i>
<i>Total Capital Cost</i>	\$577,500
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Aviation	
Additional Fire System Pump	
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: FY13</i>
<i>Total Capital Cost</i>	\$345,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Aviation	
Avigation Easement ("Air Rights") Acq.	
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

Transportation Improvement Fund	
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: FY14</i>
<i>Total Capital Cost</i>	\$1,202,829
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	CMAQ, Transportation Impv Fund

Transportation Improvement Fund	
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: FY14</i>
<i>Total Capital Cost</i>	\$2,727,000
<i>Total Operating Cost</i>	\$21,900
<i>Funding Source(s)</i>	Transp. Imprv Fund, Fed. & State Funding

Electric Systems	
Metal Clad Switchgear Replacment at Sub F	
This project will replace existing switchgear located at Sub F. This will replace the existing switchgear with new, enclosed switchgear.	
<i>Approved: FY12</i>	<i>Expected Completion: FY13</i>
<i>Total Capital Cost</i>	\$430,500
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Aviation	
Apron Overlay & Aircraft Parking	
This project will rehabilitate & strengthen the parking apron with a three (3) inch asphalt overlay to increase the weight bearing capacity.	
<i>Approved: FY12</i>	<i>Expected Completion: FY13</i>
<i>Total Capital Cost</i>	\$4,775,779
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Federal Funding, Operating Revenue

Stormwater Resources	
Stream Restoration Project	
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

Stormwater	
James Street Culvert	\$156,000
This project is for replacement of aging infrastructure, as a headwall has begun to fail due to age. The bottom of the corrugated metal pipe has disintegrated.	
<i>Approved: FY12</i>	<i>Expected Completion: FY13</i>
<i>Total Capital Cost</i>	<i>\$156,000</i>
<i>Total Operating Cost</i>	<i>\$0</i>
<i>Funding Source(s)</i>	<i>Operating Revenue</i>

Water Resources	
Clearwell Top Replacement at HGWTP	\$250,000
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: FY13</i>
<i>Total Capital Cost</i>	<i>\$250,000</i>
<i>Total Operating Cost</i>	<i>\$0</i>
<i>Funding Source(s)</i>	<i>Operating Revenue</i>