

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, Limited Obligation Bonds (LOBS) 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 implied AAA from Standard & Poors. All debt ratings indicate a strong financial position with moderate debt levels and above average amortization. The City currently has no general obligation debt (GO).

Debt Service payments on Revenue Bonds comprise 64% 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. The cities revenue bonds have been designated for water, wastewater 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 36% 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, aviation projects and a municipal golf course.

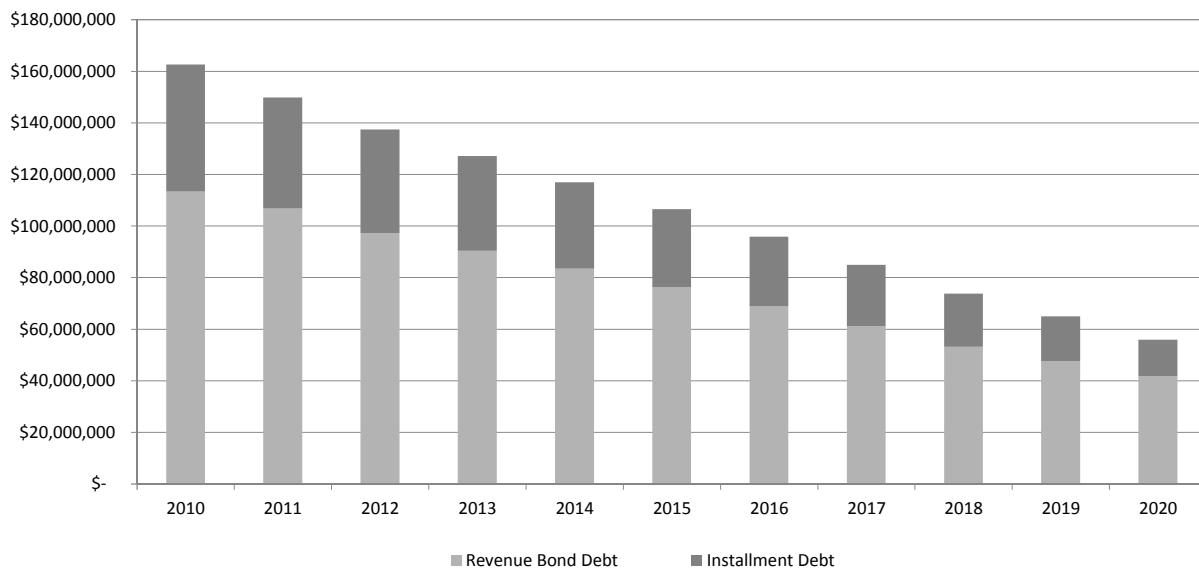
Computation of Legal Debt Margin (June 30, 2015)

Total Assessed Value	\$	9,765,423,000
Debt Limit: 8% of total assessed value (Mandated by N.C.G.S. 159-55 (c))	\$	781,233,840
Gross Debt:		
Outstanding G.O. Bonds	\$	-
Notes Payable/Installment Notes	\$	49,627,500
	\$	49,627,500
Amount of bonded debt incurred:		
For Electric, Water and/or Wastewater Purposes	\$	-
	\$	49,627,500
Legal Debt Margin:	\$	731,606,340
Debt Percentage of Assessed Value:		0.51%

Outstanding Municipal Debt - Fiscal Year 2015-16

Issue Year	Series	Amount Issued	Principal as of 7/1/2015	Amount Retiring in FY 16	Interest Expense in FY 16	Outstanding 6/30/16
Revenue Bonds						
2012	Utilities Bonds Refunding, Series 2012	17,635,000	15,295,000	825,000	602,781	14,470,000
2008	Utilities System, Series 2008	27,365,000	23,750,000	695,000	1,111,006	23,055,000
2009	Utilities Systems Refunding, Series 2009B	40,925,000	29,815,000	3,575,000	1,205,294	26,240,000
2009	Utilities Systems Refunding Series 2009	23,935,000	7,330,000	2,345,000	235,100	4,985,000
Total Revenue Bond Debt		\$109,860,000	\$76,190,000	\$7,440,000	\$3,154,181	\$68,750,000
Limited Obligation Bonds & Certificates of Participation						
2010	LOB Series 2010	9,235,000	5,285,000	930,000	183,875	4,355,000
2014	LOB series 2014	34,620,000	34,130,000	2,160,000	1,335,351	31,970,000
Sub-Total LOBS & COPS		\$ 43,855,000	\$ 39,415,000	\$ 3,090,000	\$ 1,519,226	\$ 36,325,000
Capital Lease Debt						
2005	Installment Note/Purchase	4,500,000	2,118,750	225,000	100,983	1,893,750
2008	Installment Note/Purchase	12,950,000	8,093,750	647,500	352,846	7,446,250
Sub-Total Capital Lease Debt		\$ 17,450,000	\$ 10,212,500	\$ 872,500	\$ 453,829	\$ 9,340,000
Total Loans & Installment Notes/Purchases		\$105,160,000	\$ 49,627,500	\$ 3,962,500	\$ 1,973,055	\$ 45,665,000
ALL DEBT		\$215,020,000	\$ 125,817,500	\$ 11,402,500	\$ 5,127,236	\$ 114,415,000
Total Principal Plus Interest to be Serviced in FY 2015-16:						\$ 16,529,736

Total City Debt by Financing Method

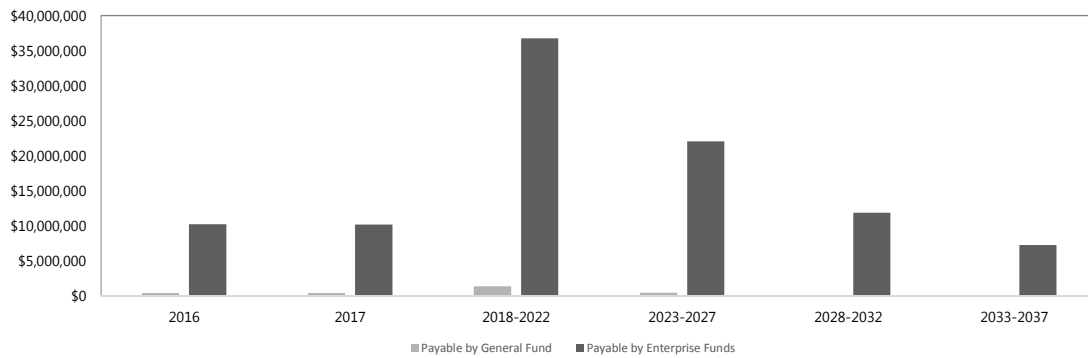


Schedule of Total Debt Requirements by Type

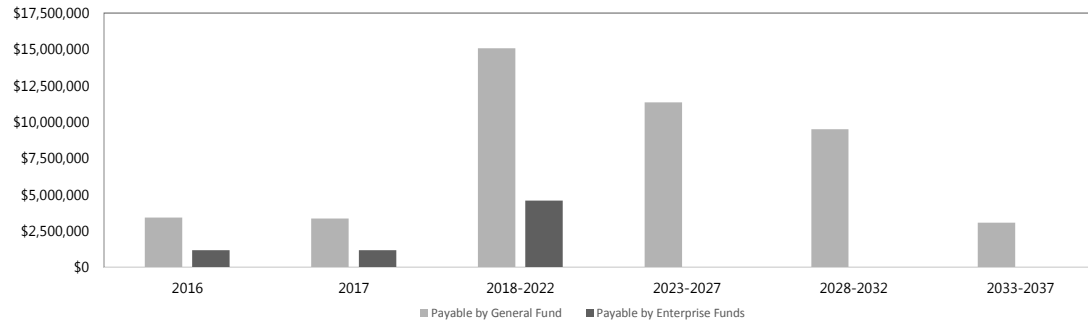
Please note, in the tables that follow, Governmental types are those payable by General Fund and Business types are those payable by Enterprise Funds.
The City retired all remaining General Obligation Bond debt in fiscal year 2011, so no General Obligation debt is listed in the charts below.

	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			
2016	303,398	86,735	7,136,603	3,067,446	2,045,400	1,378,853	1,044,600	140,373	417,145	909,185	16,529,738
2017	312,130	76,152	7,357,870	2,806,967	2,025,900	1,321,118	1,044,100	128,118	404,659	880,456	16,357,470
2018-2022	1,155,790	210,910	26,634,215	10,125,241	9,771,000	5,292,383	4,304,000	294,443	1,844,692	4,585,987	64,218,661
2023-2027	416,623	10,094	17,043,378	5,021,441	8,190,000	3,150,905	0	0	1,544,984	2,737,816	38,115,241
2028-2032	0	0	9,280,000	2,577,654	8,070,000	1,440,044	0	0	138,026	192,971	21,698,695
2033-2037	0	0	6,550,000	675,750	2,925,000	154,175	0	0	0	0	10,304,925
Total	2,187,941	383,891	74,002,066	24,274,499	33,027,300	12,737,478	6,392,700	562,934	4,349,506	9,306,415	167,224,730

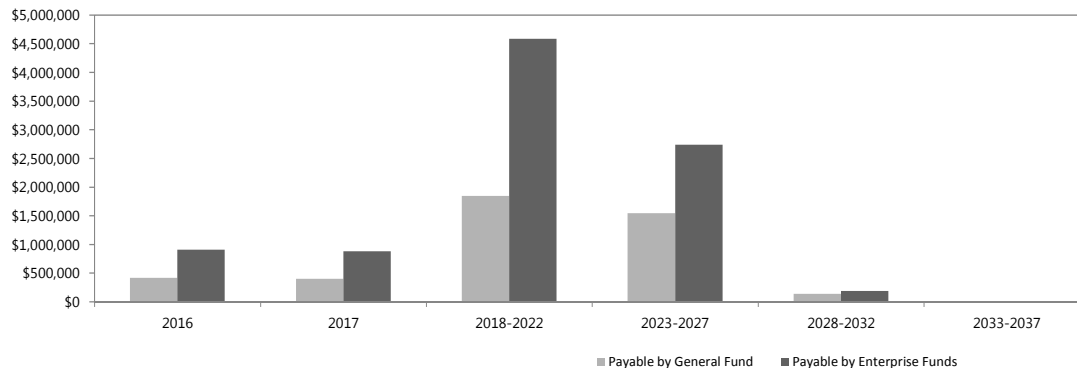
Revenue Bond Debt Principal



Limited Obligation Bonds & Certificates of Participation



Other Lease Purchase & Installment Contracts



FY 2016-20 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
- 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 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	FY 2020 Budget	Impact on FY 2020 Operating Budget	Future (remainder of project)	Total Budget Impact
GENERAL FUND - 100															
General Government															
Non-Departmental	Operations Center Improvements- Upper Laydown Yard	General Fund Capital Reserve				490,000									490,000
	Operations Center Improvements - Parking & Access Rd	General Fund Capital Reserve						1,050,000							1,050,000
	Operations Center Improvements - New Equipment Shelter	General Fund Capital Reserve								1,665,000					1,665,000
General Government CIP Total				0	0	490,000	0	1,050,000	0	1,665,000	0	0	0	0	3,205,000
Public Safety															
Fire Operations	Replacement of Aerial Ladder FD206	General Fund Capital Reserve		1,170,000											1,170,000
	Replacement of Aerial Ladder FD203	Installment Purchase, Operating Revenue				1,400,000									1,400,000
	Replacement of Pumper FD111	General Fund Capital Reserve, Operating Revenue						680,000							680,000
	Replacement of Pumps FD112 & FD113	General Fund Capital Reserve, Operating Revenue								1,400,000					1,400,000
	New Engine Company & Crew for Fire Station #11	General Fund Capital Reserve, Operating Revenue										1,488,720			1,488,720
	Land Acquisition for Fire Station #17	General Fund Capital Reserve												350,000	350,000
Emergency Management	Replacement Mobile Command Unit	General Fund Capital Reserve				500,000									500,000
Public Safety CIP Total				1,170,000	0	1,400,000	0	1,180,000	0	1,400,000	0	1,488,720	0	350,000	6,988,720
Public Works															
Solid Waste & Recycling	Replacement Rearloader SWR434	Operating Revenue		150,000											150,000
	Replacement Knuckleboom SWR435	Operating Revenue		135,000											135,000
	Replacement Rearloader SWR437	Operating Revenue				150,000									150,000
	Replacement Knuckleboom SWR436	Operating Revenue				135,000									135,000
	Replacement Rearloader SWR432	Operating Revenue				150,000									150,000
	Replacement Knuckleboom SWR445	Operating Revenue						140,000							140,000
	Replacement Roll Off SWR428	Operating Revenue								170,000					170,000
	Replacement Loader SWR421	Operating Revenue										210,000			210,000
Fleet Services	Fleet Services Facility	Debt Financing				780,000		11,920,000							12,700,000
Public Works CIP Total				285,000	0	1,215,000	0	12,060,000	0	170,000	0	210,000	0	0	13,940,000
GENERAL FUND CIP TOTAL - EXPENSE				1,455,000	0	3,105,000	0	14,290,000	0	3,235,000	0	1,698,720	0	350,000	24,133,720
GENERAL FUND-Revenue Sources & Totals															
	Operating Revenue			285,000		535,000		215,000		320,000		964,470			2,319,470
	Debt Financing					2,080,000		11,920,000							14,000,000
	Capital Reserve			1,170,000		490,000		2,155,000		2,915,000		734,250		350,000	7,814,250
GENERAL FUND CIP TOTAL - REVENUE				1,455,000	0	3,105,000	0	14,290,000	0	3,235,000	0	1,698,720	0	350,000	24,133,720
PARKS & RECREATION CAPITAL PROJECTS FUND - 420															
Parks & Recreation Capital Projects															
Parks & Rec Projects	Hartsell Recreation Center Renovations	General Fund Capital Reserve	26,500	84,000		255,000		180,000		780,000					1,299,000
	Webb Field Renovations	Operating Revenue						500,000							500,000
	Hartsell Ballfield Complex Renovations	Operating Revenue						345,000							345,000
	Park Lighting Project	Operating Revenue	66,144			250,000		250,000		150,000					650,000
	Coddle Creek Greenway	Operating Revenue									445,000		3,055,000		3,500,000
	Irish Buffalo Creek Greenway	Operating Revenue									340,000		1,660,000		2,000,000
	Hector H Henry Greenway, Riverwalk Phase Development	Transfer from General Fund	462,775							100,000		1,500,000			1,600,000
	Hector H Henry II Greenway, Airport Phase	General Fund Capital Reserve, Grant Revenue	3,000	25,000				1,300,000						98,200	1,423,200
	McEachern Greenway - Hospital Phase Development	Grant Revenue				40,000				428,000					468,000
	Lake Howell Park Development	Operating Revenue, Transfer from General Fund	14,031							800,000	37,000				837,000
PARKS & RECREATION CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE			572,450	109,000	0	545,000	0	2,575,000	0	2,258,000	37,000	2,285,000	0	4,813,200	12,622,200
PARKS & RECREATION CAPITAL PROJECTS FUND-Revenue Sources & Totals															
	Operating Revenue					505,000		1,275,000		930,000	37,000	445,000		4,813,200	8,005,200
	State/Federal Funding					40,000		400,000		428,000		340,000			1,208,000
	Transfer from General Fund									900,000		1,500,000			2,400,000
	Capital Reserve			109,000				900,000							1,009,000
PARKS & RECREATION FUND CIP TOTAL - REVENUE				109,000	0	545,000	0	2,575,000	0	2,258,000	37,000	2,285,000	0	4,813,200	12,622,200
TRANSPORTATION CAPITAL PROJECTS FUND - 423															

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	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	FY 2020 Budget	Impact on FY 2020 Operating Budget	Future (remainder of project)	Total Budget Impact
Street Projects	Operations Center Improvements - Salt Storage Building	General Fund Capital Reserve		297,000											297,000
	Infrastructure Projects - PIP Sidewalks	Vehicle Fees		150,000		150,000		150,000		150,000		150,000			750,000
	Brookwood Ave NE Corridor Enhancement	Capital Reserve, Operating Revenue	2,602,400			1,798,800		1,798,800							3,597,600
	City of Concord TMC	Transfer From General Fund	297,500	1,900,000											1,900,000
	CMAQ Poplar Tent US 29	Transportation Fund, Grant Revenue	940,973	518,653											518,653
	CMAQ US 601 - NC Hwy 3	Transportation Fund, Grant Revenue	1,294,915	149,785											149,785
TRANSPORTATION CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE			5,135,788	3,015,438	0	1,948,800	0	1,948,800	0	150,000	0	150,000	0	0	7,213,038
TRANSPORTATION CAPITAL PROJECTS FUND- Revenue Sources & Totals															
	Transfer from General Fund			1,891,970											1,891,970
	Transfer from Gen Fund Vehicle Fees			310,000		1,948,800		1,948,800		150,000		150,000			4,507,600
	Grants			149,785											149,785
	Capital Reserve			663,683											663,683
TRANSPORTATION CAPITAL PROJECTS FUND CIP TOTAL - REVENUE				3,015,438	0	1,948,800	0	1,948,800	0	150,000	0	150,000	0	0	7,213,038
FIRE & LIFE SAFETY PROJECTS FUND - 426															
Fire & Life Safety Projects	Fire Station #10 Permanent Station	Capital Reserve, Operating Revenue				319,921		3,862,267							4,182,188
FIRE & LIFE SAFETY PROJECTS FUND CIP TOTAL - EXPENSE				0	0	319,921	0	3,862,267	0	0	0	0	0	0	4,182,188
FIRE & LIFE SAFETY PROJECTS FUND- Revenue Sources & Totals															
	Operating Revenue					319,921		3,862,267							4,182,188
FIRE & LIFE SAFETY PROJECTS FUND CIP TOTAL - REVENUE				0	0	319,921	0	3,862,267	0	0	0	0	0	0	4,182,188
GENERAL FUND CAPITAL PROJECTS FUND - 430															
General Projects	Fiber Network Extension	Transfer from Aviation, Transfer from Electric, Transfer from General Fund, Transfer from Stormwater, Transfer from Wastewater, Transfer from Water	336,000	150,000		150,000		150,000		150,000		150,000			750,000
General Projects	Les Myers Environmental/Remedial Investigation	Grant Revenue	20,000	140,000		80,000									220,000
GENERAL CAPITAL PROJECTS FUND CIP TOTAL - EXPENSE			356,000	290,000	0	230,000	0	150,000	0	150,000	0	150,000	0	0	970,000
GENERAL CAPITAL PROJECTS FUND- Revenue Sources & Totals															
	Operating Revenue		336,000	150,000		150,000		150,000		150,000		150,000			750,000
	Grant		20,000	140,000		80,000									220,000
GENERAL CAPITAL PROJECTS FUND CIP TOTAL - REVENUE			356,000	290,000	0	230,000	0	150,000	0	150,000	0	150,000	0	0	970,000
STORMWATER PROJECTS FUND - 474															
Stream Restoration Project	Stream Restoration Project	Transfer from Stormwater Operating Revenues	927,631			9,200		86,520		86,520				654,360	836,600
Stormwater Projects	Chadborne Avenue Culvert Replacement	Transfer from Stormwater Operating Revenues	314,525	228,000											228,000
	Chelwood Drive Culvert Replacement	Transfer from Stormwater Operating Revenues	314,525	198,000											198,000
	Treasure Drive Culvert Replacement	Transfer from Stormwater Operating Revenues	61,619	205,000											205,000
	Reubens Road Culvert Replacement	Transfer from Stormwater Operating Revenues	174,950	40,000											40,000
	Wyoming Drive Culvert Replacement	Transfer from Stormwater Operating Revenues	274,440	369,000											369,000
	Princess & Crowell Streets Culvert Replacement	Transfer from Stormwater Operating Revenues	152,923	154,000											154,000
	Shamrock Culvert Replacement	Transfer from Stormwater Operating Revenues		148,000											148,000
	Channing Circle Culvert Replacement	Transfer from Stormwater Operating Revenues				554,000									554,000
	Hanover Circle Culvert Replacement	Transfer from Stormwater Operating Revenues				400,000									400,000
	Havencrest Court Culvert Replacement	Transfer from Stormwater Operating Revenues						361,000							361,000
	Farmwood Boulevard Culvert Replacement	Transfer from Stormwater Operating Revenues						30,000			266,000				296,000
	Kerr Street Culvert Replacement	Transfer from Stormwater Operating Revenues							414,000						414,000
	Duval Culvert Replacement	Transfer from Stormwater Operating Revenues							169,000						169,000
	Miramar Culvert Replacement	Transfer from Stormwater Operating Revenues											363,000		363,000
STORMWATER PROJECTS FUND CIP TOTAL - EXPENSE				1,342,000	0	963,200	0	477,520	0	669,520	0	266,000	0	1,017,360	4,735,600
STORMWATER PROJECTS FUND- Revenue Sources & Totals															
	Transfer from Stormwater			1,342,000		963,200		477,520		669,520		266,000		1,017,360	4,735,600
STORMWATER PROJECTS FUND CIP TOTAL - REVENUE				1,342,000	0	963,200	0	477,520	0	669,520	0	266,000	0	1,017,360	4,735,600
STORMWATER FUND - 600															
Stormwater	Replacement Camera Truck SW321	Operating Revenue						222,650							222,650
	Replacement Dump Truck SW401	Operating Revenue							100,000						100,000
	Replacement Jet-Vac SW318	Operating Revenue									313,750				313,750
STORMWATER FUND CIP TOTAL - EXPENSE				0	0	0	0	222,650	0	100,000	0	313,750	0	0	636,400
STORMWATER FUND- Revenue Sources & Totals															
	Operating Revenue							222,650		100,000		313,750			636,400

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	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	FY 2020 Budget	Impact on FY 2020 Operating Budget	Future (remainder of project)	Total Budget Impact	
STORMWATER FUND CIP TOTAL - REVENUE				0	0	0	0	222,650	0	100,000	0	313,750	0	0	636,400	
ELECTRIC PROJECT FUND - 473																
Electric Projects	Smart Meter/Smart Grid	Transfer from Electric Operating Revenues	121,500	7,000,000											7,000,000	
	New Delivery #4 & 100 kV Interconnected - Ph 1	Revenue Bonds						7,701,912							7,701,912	
	Construction of New Substation P in NC 49/US 601 Area	Revenue Bonds								2,853,132					2,853,132	
	Construction of 100 KV Sub @ Delivery #4 Site, Ph 2	Revenue Bonds								5,351,651					5,351,651	
	100 KV Transmission System - Close Western Loop	Revenue Bonds								5,670,297					5,670,297	
	Delivery 1 Replacement	Revenue Bonds										2,000,000			2,000,000	
ELECTRIC PROJECT FUND CIP TOTAL - EXPENSE					7,000,000	0	0	0	7,701,912	0	13,875,080	0	2,000,000	0	0	30,576,992
ELECTRIC FUND-Revenue Sources & Totals																
	Operating Revenue			7,000,000											7,000,000	
	Debt Financing							7,701,912		13,875,080		2,000,000			23,576,992	
ELECTRIC PROJECT FUND CIP TOTAL - REVENUE					7,000,000	0	0	0	7,701,912	0	13,875,080	0	2,000,000	0	0	30,576,992
ELECTRIC FUND - 610																
Electric Construction	Replacement 65' Bucket Truck E302	Operating Revenue				240,000									240,000	
	Replacement 55' Bucket Truck E319	Operating Revenue		250,000											250,000	
	Replacement 43' Bucket Truck E227	Operating Revenue				150,000									150,000	
	Replacement 43' Bucket Truck E325	Operating Revenue				150,000									150,000	
	Replacement Bucket Truck E326	Operating Revenue										280,000			280,000	
	Replacement 45' Line Truck E239	Operating Revenue		260,000											260,000	
Maintenance Powerlines	Sub C MVA Transformer Replacement	Operating Revenue						500,000							500,000	
Tree Trimming	Replacement Tree-Trimming Bucket Truck E305	Operating Revenue								260,000					260,000	
	Replacement 55' Bucket Truck E320	Operating Revenue								275,000					275,000	
ELECTRIC FUND CIP TOTAL - EXPENSE					510,000	0	540,000	0	500,000	0	535,000	0	280,000	0	0	2,365,000
ELECTRIC FUND-Revenue Sources & Totals																
	Operating Revenue			510,000		540,000		500,000		535,000		280,000			2,365,000	
ELECTRIC FUND CIP TOTAL - REVENUE					510,000	0	540,000	0	500,000	0	535,000	0	280,000	0	0	2,365,000
WATER PROJECTS FUND - 429																
Water Projects	George W Liles Parkway Waterline Phase 3	Transfer from Water Operating Revenues	1,120,170	282,430		282,430		282,430							847,290	
	US29 Bridge 16" Water main Replacement	Transfer from Water Operating Revenues		300,000											300,000	
	AMI Meter Conversion	Transfer from Water Operating Revenues		1,000,000		1,000,000		1,000,000		1,000,000					4,000,000	
	Highway 73 Waterline - Kannapolis Parkway & Trinity Church Rd	Transfer from Water Operating Revenues				195,470		1,107,655							1,303,125	
	Northern I-85 Widening - Water main Replacement	Transfer from Water Operating Revenues								200,000					200,000	
	Poplar Tent Road Water main Extension	Transfer from Water Operating Revenues												685,303	685,303	
	Highway 73 Water main Connection to CMU	Transfer from Water Operating Revenues											544,000		544,000	
	Proposed Highway 49 Water Tank	Transfer from Water Operating Revenues									4,800,000				4,800,000	
	George W Liles Parkway Waterline Phase 4	Transfer from Water Operating Revenues												2,822,820	2,822,820	
	Odell School Road Water main	Transfer from Water Operating Revenues												123,000	123,000	
WATER PROJECTS FUND CIP TOTAL - EXPENSE				1,120,170	1,582,430	0	1,477,900	0	2,390,085	0	1,200,000	0	4,800,000	0	4,175,123	15,625,538
WATER PROJECTS FUND-Revenue Sources & Totals																
	Transfer from Water			1,582,430		1,477,900		2,390,085		1,200,000		4,800,000		4,175,123	15,625,538	
WATER PROJECTS FUND CIP TOTAL - REVENUE					1,582,430	0	1,477,900	0	2,390,085	0	1,200,000	0	4,800,000	0	4,175,123	15,625,538
WATER FUND - 620																
Hillgrove Water Treatment Plant	Disinfection Byproduct Reduction Needs	Operating Revenue	685,000	550,000											550,000	
WATER FUND CIP TOTAL - EXPENSE					550,000	0	0	0	0	0	0	0	0	0	0	550,000
WATER FUND-Revenue Sources & Totals																
	Operating Revenue			550,000											550,000	
WATER FUND CIP TOTAL - REVENUE					550,000	0	0	0	0	0	0	0	0	0	0	550,000
PUBLIC TRANSIT- 630																
Rider Transit System	Transit Operations & Maintenance Facility	Grant Revenues						6,000,000			50,000		50,000		6,100,000	
PUBLIC TRANSIT FUND CIP TOTAL - EXPENSE								6,000,000		0	50,000		50,000		6,100,000	
PUBLIC TRANSIT FUND-Revenue Sources & Totals																
	Other							600,000		50,000		50,000			700,000	
	State/Federal Funding							5,400,000							5,400,000	
PUBLIC TRANSIT FUND CIP TOTAL - REVENUE								6,000,000		0	50,000		50,000		6,100,000	
WASTEWATER PROJECTS FUND - 421																

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	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	FY 2020 Budget	Impact on FY 2020 Operating Budget	Future (remainder of project)	Total Budget Impact
Wastewater Projects Fund	Province Green Pump Station Elimination	Operating Revenue, Future Project Reserves		990,000											990,000
	Laurel Park Pump Station Elimination	Operating Revenue		500,000											500,000
WASTEWATER FUND CIP TOTAL - EXPENSE				1,490,000	0	0	0	0	0	0	0	0	0	0	1,490,000
WASTEWATER FUND- Revenue Sources & Totals															
	Operating Revenue			844,246											844,246
	Wastewater Project Reserves			645,754											645,754
WASTEWATER FUND CIP TOTAL - REVENUE				1,490,000	0	0	0	0	0	0	0	0	0	0	1,490,000
WASTEWATER FUND - 640															
Wastewater Operations	Replacement Jet-Vac Truck S657	Operating Revenue				247,600									247,600
	Sewer Master Plan	Operating Revenue				100,000									100,000
	Replacement Rapid Response Truck S661	Operating Revenue						148,550							148,550
WASTEWATER FUND CIP TOTAL - EXPENSE				0	0	347,600	0	148,550	0	0	0	0	0	0	496,150
WASTEWATER FUND- Revenue Sources & Totals															
	Operating Revenue					347,600		148,550							496,150
WASTEWATER FUND CIP TOTAL - REVENUE				0	0	347,600	0	148,550	0	0	0	0	0	0	496,150
ROCKY RIVER GOLF COURSE PROJECT FUND - 475															
Golf Course Projects	Irrigation Repairs & Bunker Restoration	Operating Revenue				191,650	7,500	140,000	10,000						349,150
ROCKY RIVER GOLF PROJECTS FUND CIP TOTAL - EXPENSE				0	0	0	191,650	7,500	140,000	10,000	0	0	0	0	349,150
ROCKY RIVER GOLF PROJECTS FUND- Revenue Sources & Totals															
	Operating Revenue					191,650	7,500	140,000	10,000						349,150
ROCKY RIVER GOLF PROJECTS FUND CIP TOTAL - REVENUE				0	0	191,650	7,500	140,000	10,000	0	0	0	0	0	349,150
AIRPORT PROJECTS FUND - 451															
Airport Projects	Airport Master Plan Update	Grant Revenue, Operating Revenue				300,000									300,000
	SDA Commercial Passenger Terminal Building	Grant Revenue, Transfer from Aviation				7,382,000									7,382,000
	Runway 20 EMAS	Grant Revenue, Transfer from Aviation						938,676		3,754,700					4,693,376
	South Development Apron Expansion Phase II	Grant Revenue, Transfer from Aviation			250,000			5,914,000							6,164,000
	Ivy Cline Land Acquisition	Grant Revenue, Transfer from Aviation				3,400,000									3,400,000
	Airport Fire Station and Security Center	Grant Revenue, Transfer from Aviation						100,000		1,643,000					1,743,000
	Airport Hangar Taxilane Rehabilitation	Grant Revenue, Transfer from Aviation						100,000		2,060,000					2,160,000
	East Side Airport Land Acquisitions Area	Grant Revenue, Transfer from Aviation						5,090,000							5,090,000
	East Side Commercial Airline Terminal Area	Grant Revenue, Transfer from Aviation, Revenue Bonds, Dedicated Transportation Fund, Other								600,000		40,000,000			40,600,000
	North Apron Expansion - Phase II	Grant Revenue, Transfer from Aviation								250,000		1,750,000			2,000,000
	New Relocated Airport Control Tower	Grant Revenue, Transfer from Aviation								200,000		3,500,000			3,700,000
	FBO Terminal Building Rehabilitation	Capital Reserve, Public- Private Partnership			580,000			12,800,000							13,380,000
	Corporate Hangar Development	Debt Financing											3,500,000		3,500,000
	Myint Lane Airport Access Road	Operating Revenue										700,000			700,000
	Myint Lane Airport Apron Development	Grant Revenue, Transfer from Aviation										150,000		1,200,000	1,350,000
	Airport Helipads	Grant Revenue, Transfer from Aviation				410,000									410,000
	North Internal Service Road	Grant Revenue, Transfer from Aviation						325,000		1,824,300					2,149,300
	Airport Land Acquisition - West Side	Grant Revenue, Transfer from Aviation												3,000,000	3,000,000
AIRPORT PROJECTS FUND CIP TOTAL - EXPENSE				0	0	12,322,000	0	25,267,676	0	10,332,000	0	46,100,000	0	7,700,000	101,721,676
AIRPORT PROJECTS FUND- Revenue Sources & Totals															
	Operating Revenue					1,060,600		335,159		352,168		2,470,000		135,000	4,352,927
	State/Federal Funding					11,261,400		12,132,517		9,979,832		14,630,000		4,065,000	52,068,749
	Debt Financing											23,000,000		3,500,000	26,500,000
	Capital Reserve							6,400,000							6,400,000
	Public-Private Partnership							6,400,000							6,400,000
	Dedicated Transportation Fund											2,000,000			2,000,000
	Other											4,000,000			4,000,000
AIRPORT PROJECTS FUND CIP TOTAL - REVENUE				0	0	12,322,000	0	25,267,676	0	10,332,000	0	46,100,000	0	7,700,000	101,721,676
AVIATION FUND - 680															
Aviation Operations	Airport Perimeter Security Fencing	Grant Revenue, Operating Revenue				1,749,625									1,749,625
	Airport Fuel Farm Tank Addition	Operating Revenue						443,000							443,000

Functional Area/ Budget Unit	Project Name	Primary Funding Sources	Prior Year Funding	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	FY 2020 Budget	Impact on FY 2020 Operating Budget	Future (remainder of project)	Total Budget Impact
	Snow Removal Equipment	Grant Revenue, Operating Revenue												1,750,000	1,750,000
AVIATION FUND CIP TOTAL - EXPENSE				0	0	1,749,625	0	443,000	0	0	0	0	0	1,750,000	3,942,625
AVIATION FUND-Revenue Sources & Totals															
	Operating Revenue							443,000						43,750	486,750
	State/Federal Funding					1,749,625								1,706,250	3,455,875
	Capital Reserve														0
	Public-Private Partnership														0
AVIATION FUND CIP TOTAL - REVENUE				0	0	1,749,625	0	443,000	0	0	0	0	0	1,750,000	3,942,625
CITY OF CONCORD CIP PROJECT TOTAL			7,184,408	17,343,868	0	23,740,696	7,500	66,117,460	10,000	32,504,600	87,000	58,043,470	50,000	19,805,683	216,220,277

*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 this document.

TOWN OF MIDLAND CIP PROJECTS*															
Town of Midland Sewer	Midland Main Street Sewer	Midland Local Funds		400,000											400,000
	Cabarrus Acres Phase 2	Midland Local Funds, SFR Loan		2,205,000											2,205,000
	Historic Old Midland: Phase 2	CDBG Funding		1,263,300											1,263,300
	Midland Road Sewer Line Extension	Midland Local Funds, City of Concord		190,000											190,000
TOWN OF MIDLAND CIP TOTAL - EXPENSE			0	4,058,300	0	0	0	0	0	0	0	0	0	0	4,058,300
TOWN OF MIDLAND-Revenue Sources & Totals															
	Midland Local Funds			846,000											846,000
	NC Clean Water SRF Loan			1,939,000											1,939,000
	CDBG Funding			1,263,300											1,263,300
	City of Concord			10,000											10,000
TOWN OF MIDLAND CIP TOTAL - REVENUE			4,058,300	0	0	0	0	0	0	0	0	0	0	0	4,058,300

CIP YEAR 1 APPROVED PROJECTS

The boxes below provide summary detail for all CIP projects scheduled for funding in year 1, or FY 2016, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2016-2020 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	
Replacement of Aerial Ladder FD206	\$1,170,000
Funding provided for Fire & Life Safety to purchase a replacement ladder for FD206.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$1,170,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

Solid Waste & Recycling	
Replacement Loader SWR-434	\$150,000
Replacement of an aging Loader in Solid Waste & Recycling.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$150,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Solid Waste & Recycling	
Replacement Knuckleboom SWR-435	\$135,000
Replacement of an aging Knuckleboom in Solid Waste & Recycling.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$135,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Parks & Rec Capital Projects	
Hartsell Recreation Center Renovations	\$84,000
The upstairs would be renovated the first year, corrective work to preserve the exterior in the second year, and renovations to the downstairs in the third year.	
<i>Expected Completion: FY19</i>	
<i>Total Capital Cost</i>	\$1,325,500
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

Parks & Rec Capital Projects	
Hector H. Henry Greenway - Airport Ph	\$25,000
The Hector H Henry Greenway Airport Phase is approximately 1.3 miles long, from Derita Road to dog park on Weddington Road. This funding would begin land acquisition for the greenway.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$1,426,200
<i>Total Operating Cost</i>	\$98,200
<i>Funding Source(s)</i>	Capital Reserve/Grants

Transportation Capital Projects	
Infrastructure Improvements - PIP Sidewalks	\$150,000
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>	Vehicle Fees

Transportation Capital Projects	
Brown Operations Center - Salt Shelter	\$297,000
Construction of Salt storage building for warehousing annually contracted supplies of rock salt used during winter storm events to mitigate snow and ice accumulations.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$297,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

Transportation Capital Projects	
Traffic Management Center	\$1,900,000
Construction and installation of City of Concord Traffic Management Center and associated extension of fiber optic communication network(s)	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$2,197,500
Total Operating Cost	\$0
Funding Source(s)	Transfer from General Fund

Transportation Capital Projects	
CMAQ US601/NC Highway 3	\$149,785
Provide local funding match for Congestion Mitigation Air Quality (CMAQ) funds to make roadway improvements at the intersection of US Highway 601 and NC Highway 3 that will lessen congestion and mitigate current vehicle emission loading.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$1,444,700
Total Operating Cost	\$0
Funding Source(s)	Transportation Fund, Grants

General Capital Projects	
Les Myers Environmental Remediation	\$140,000
Consulting Engineer will complete remedial investigation for landfill at Les Myers Park property.	
	<i>Expected Completion: FY17</i>
Total Capital Cost	\$240,000
Total Operating Cost	\$0
Funding Source(s)	Grant Revenue

Stormwater Project Fund	
Channing Dr Culvert Replacement	\$198,000
This culvert replacement and upsizing under Channing Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$512,525
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Project Fund	
Reubens Rd Culvert Replacement	\$40,000
This culvert replacement and upsizing under Reubens Rd is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$214,950
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Transportation Capital Projects	
CMAQ Poplar Tent/US 29	\$518,653
Provide local funding match for Congestion Mitigation Air Quality funds used to make roadway improvements at and near the intersection of Poplar Tent Rd. and US Highway 29 using a Modified Superstreet design that will lessen congestion.	
	<i>Expected Completion: FY17</i>
Total Capital Cost	\$1,459,626
Total Operating Cost	\$0
Funding Source(s)	Transportation Fund, Grants

General Capital Projects	
Fiber Network Expansion	\$150,000
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	\$750,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Project Fund	
Chadbourne Ave Culvert Replacement	\$228,000
This culvert replacement and upsizing under Chadborne Avenue is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$542,525
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Project Fund	
Treasure Drive Culvert Replacement	\$205,000
This culvert replacement and upsizing under Treasure Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$266,619
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Project Fund	
Wyoming Dr Culvert Replacement	\$369,000
This culvert replacement and upsizing under Wyoming Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$643,428
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Project Fund	
Princess & Crowell Streets Culvert Replacement	\$154,000
This culvert replacement and upsizing at Princess & Crowell Streets is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$306,130
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Stormwater Project Fund	
Shamrock Culvert Replacement	\$148,000
This culvert replacement and upsizing under Shamrock Drive is to reduce flooding risk to neighborhood homes and replace aging infrastructure.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$148,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenues

Electric Projects Fund	
Smart Meter/Smart Grid	\$7,000,000
This project will replace all of the existing AMR metering system for electric with newer technology that will enhance our operational efficiency and provide better customer service for our customers.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$7,121,500
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Water Projects Fund	
AMI Meter Conversion, Phase 1	\$1,000,000
This project is a four-year phased replacement of existing water meters with AMI (Advanced Metering Infrastructure) meters. The project will replace approximately 5,000 meters each year.	
<i>Expected Completion: FY20</i>	
Total Capital Cost	\$4,000,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Water Projects Fund	
US29 Bridge 16" Watermain Replacement	\$300,000
The water main relocation is associated with the replacement of the bridge over US Highway 29 at Rocky River.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$300,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Wastewater Projects Fund	
Laurel Park Pump Station Elimination	\$500,000
This project includes installation of approximately 1,200LF of gravity sewer and abandonment of a pump station to eliminate the Laurel Park pump station.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$500,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

Wastewater Projects Fund	
Province Green Pump Station Elimination	\$990,000
This project includes installation of approximately 2,900LF of gravity sewer main and abandonment of a pump station to eliminate the Province Green pump station.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$990,000
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

Radio Shop	
Fiber Network Extension	
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>	\$375,000
<i>Total Operating Cost</i>	\$375,000
<i>Funding Source(s)</i>	Operating Revenues

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

2014 LOBs	
Construction of New Municipal Building	
Design and construction of a new municipal building to be located next to the Concord Police Department Headquarters.	
<i>Approved: FY15</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$19,889,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Limited Obligation Bonds

Rocky River Golf Projects	
Clubhouse Expansion	
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	
<i>Approved: FY15</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$140,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Capital Reserve

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: FY16</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

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

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: FY16</i>
<i>Total Capital Cost</i>	\$300,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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: FY16</i>
<i>Total Capital Cost</i>	\$210,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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

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

Fire & Life Safety	
SCBA Equipment Replacement	
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

Fire & Life Safety	
Replacement Pumper	
Replacement of Pumper FD-110.	
<i>Approved: FY15</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$560,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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: FY17</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	
Park Lighting Replacement Ph. 1	
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

Parks & Recreation	
Hector H. Henry Greenway - Airport Phase	
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.

Transportation Capital Projects	
Infrastructure Improvements - PIP Sidewalks	
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	
	<i>Expected Completion: Ongoing</i>
<i>Total Capital Cost</i>	\$150,000 per year
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserve

Transportation Capital Projects	
Brookwood Ave NE Corridor Improvement	
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	
	<i>Expected Completion: TBD</i>
<i>Total Capital Cost</i>	\$5,125,000
<i>Total Operating Cost</i>	\$2,500
<i>Funding Source(s)</i>	Transportation Reserve

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: FY17</i>
<i>Total Capital Cost</i>	\$110,000
<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	
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: FY16</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	
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	
<i>Approved: FY14</i>	<i>Expected Completion: FY16</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

Waterlines Operations & Maintenance	
Replace PLC Cabinets at Coddle Creek WTP	
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

Waterlines Operations & Maintenance	
Derita Road Waterline Replacement	
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

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: FY17</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	
<i>Approved: FY14</i>	<i>Expected Completion: FY16</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: FY16</i>
<i>Total Capital Cost</i>	\$6,200,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Funds

Waterlines Operations & Maintenance	
I-85 Waterline Replacement	
Relocations associated with the second phase of the I-85 widening.	
<i>Approved: FY14</i>	<i>Expected Completion: FY19</i>
<i>Total Capital Cost</i>	\$619,006
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Waterlines Operations & Maintenance	
Replace PLC Cabinets at Coddle Creek WTP	
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

Waterlines Operations & Maintenance	
Hillgrove WTP - Byproduct Reduction	
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

Waterlines Operations & Maintenance	
I-85 Waterline Replacement	
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

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: On Hold</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

Waterlines Operations & Maintenance	
Clearwell Top Replacement at HGWTP	
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: On Hold</i>
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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

Stormwater Resources	
Wyoming Drive/Grand Canyon Culvert Repl.	
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

Stormwater Resources	
Reubens Road Culvert Replacement	
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

Stormwater Resources	
Chelwood Drive Culvert Replacement	
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

Stormwater Resources	
Chadbourne Ave Culvert Replacement	
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