

ENTERPRISE FUNDS OVERVIEW

OVERVIEW: Enterprise Funds provide services that are funded primarily through user charges. Enterprise Funds include Stormwater, Electric, Water, Transit, Wastewater, Golf Course, Aviation, and Public Housing. All funds except for Public Housing have projects included in the FY2013-2017 CIP.

FUNDS & BUDGET UNITS:

Stormwater Fund: Stormwater provides inspection and maintenance of storm drains and ditches located within city-owned right-of-ways, and is responsible for implementation of the Environmental Protection Agency (EPA) Phase II Stormwater Management Program.

Electric Fund: Electric Systems operates and maintains the City of Concord's electric distribution system. It is comprised of Electric Systems Administration, Purchased Power, Powerlines Maintenance, Tree Trimming, Electric Construction, Peak Shaving, Electric Engineering Services, and Utility Locate Services.

Water Fund: Water Resources operates and maintains the City of Concord's water system and provides safe drinking water to the citizens of Concord. The Water Fund includes Hillgrove Water Treatment Plant, Coddle Creek Water Treatment Plant, and Waterlines Operations and Maintenance.

Transit Fund: The Concord/Kannapolis Area Transit System - or Rider - is responsible for providing the highest quality passenger transportation services for the citizens of Concord and Kannapolis. The Cities of Concord and Kannapolis partner to provide the Rider service with Concord serving as the lead agency.

Wastewater Fund: The Wastewater Resources Department is responsible for managing and maintaining sewer collection systems and pump stations that provide service to more than 31,500 customers.

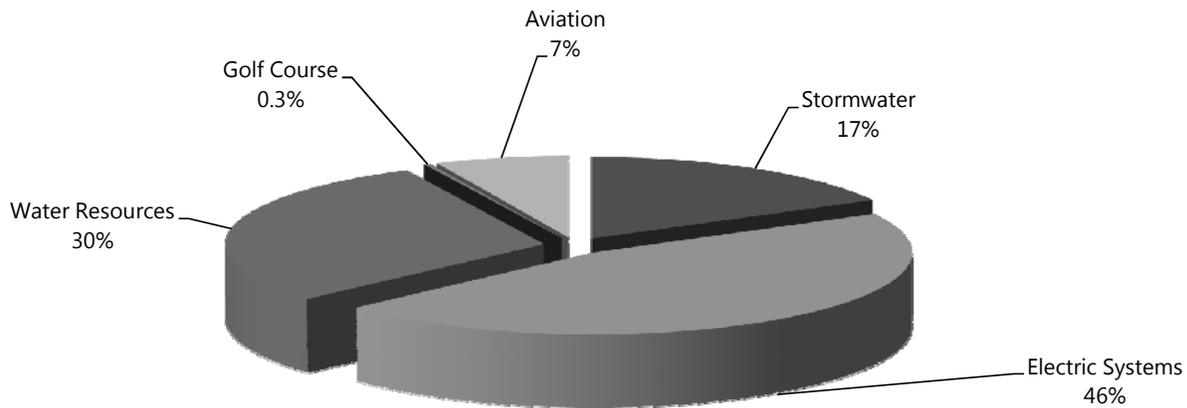
Golf Course Fund: The Dan Maples designed Rocky River Golf Course at Concord is a full-service 18-hole championship golf course open to all citizens. The City contracts course management to John Q. Hammonds.

Aviation Fund: The Aviation Department - Concord Regional Airport - is responsible for operating and maintaining the City's airport facilities for public use in accordance with federal, state, and local regulations, rules, policies, and ordinances. The airport also provides fuel and other aeronautical services and lease space on a long and short-term basis to tenants and transient individuals, firms, and agencies.

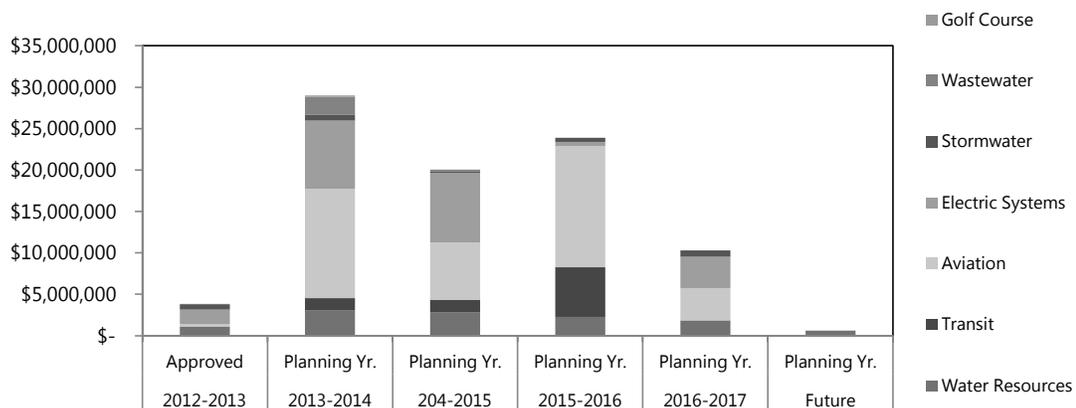
Enterprise Funds Expenditures

By Fund	2012-2013 Approved	2013-2014 Planning Yr.	204-2015 Planning Yr.	2015-2016 Planning Yr.	2016-2017 Planning Yr.	Future Planning Yr.
Stormwater	\$ 656,000	\$ 734,000	\$ 178,000	\$ 500,000	\$ 759,000	\$ -
Electric Systems	\$ 1,760,000	\$ 8,208,235	\$ 8,420,808	\$ 505,141	\$ 3,815,190	\$ -
Water Resources	\$ 1,130,000	\$ 3,051,505	\$ 2,842,505	\$ 2,270,170	\$ 1,803,125	\$ 600,000
Transit	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 6,000,000	\$ 50,000	\$ -
Wastewater	\$ -	\$ 2,153,980	\$ 195,000	\$ -	\$ -	\$ -
Golf Course	\$ 12,000	\$ 145,000	\$ -	\$ -	\$ -	\$ -
Aviation	\$ 258,750	\$ 13,213,990	\$ 6,905,000	\$ 14,625,300	\$ 3,860,000	\$ -
Total Expenditures	\$ 3,816,750	\$ 29,006,710	\$ 20,041,313	\$ 23,900,611	\$ 10,287,315	\$ 600,000

FY 2012-13 Enterprise Funds Expenditures (by Fund)



FY 2011-2012 Enterprise Funds Planned Expenditures



City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Capital Projects Master Planning					Budget Unit #: 7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 1		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
1,384,583	684,583	350,000		350,000		-	700,000		
Section 2 Description of Capital Item									
This planning is to identify and develop the capital projects for stormwater quality and quantity improvements. These projects will be prioritized so that they are implemented in the most appropriate order in the future.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
Master Planning will help to identify the water quantity and quality deficiencies within our system. Water quality improvement is important to show as we implement the Phase II NPDES Stormwater requirements. Modeling is important to identify potential major flooding problems within the system before they become emergencies and result in extended road closures.									
History and Current Status; Impact if Cancelled or Delayed									
The city's stormwater system has never been modeled. The city may experience flooding problems that could have been avoided if the study were complete and projects implemented to complete them.									
Section 3 Project Costs									
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans								-	
Engineering / Arch. Serv.	350,000		350,000					700,000	
Land / ROW / Acquisition								-	
Clear / Grade / Site Prep								-	
Building / Utility Constr.								-	
Heavy Equip/ Apparatus								-	
Light Equip. / Furniture								-	
Hardware/Software								-	
Total Capital Cost Est.	350,000	-	350,000	-	-	-		700,000	
Total Oper. Impact Est.	-	-	-	-	-	-		-	
Total Expenditure Est.	350,000	-	350,000	-	-	-		700,000	
Section 4 New or Additional Impact on Operating Budget									
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits								-	
Prof. & Consult. Services								-	
Materials & Supplies								-	
Maintenance / Fuel								-	
Other								-	
Total	-	-	-	-	-	-		-	
Section 5 Method(s) of Financing									
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	350,000		350,000					700,000	
								-	
								-	
Total Program Financing	350,000	-	350,000	-	-	-		700,000	
Section 6			Maps / Charts / Tables / Pictures			Section 7			Comments for Other Depts.

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Melrose Drive Culvert					Budget Unit #: 7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 2		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
156,000			156,000		-	-	156,000		
Section 2		Description of Capital Item							
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.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This is a proactive response to replace failing infrastructure.									
History and Current Status; Impact if Cancelled or Delayed									
Requested in previous CIP.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.	24,000						24,000		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.	132,000						132,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	156,000	-	-	-	-	-	156,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	156,000	-	-	-	-	-	156,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	156,000						156,000		
							-		
							-		
Total Program Financing	156,000	-	-	-	-	-	156,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Reubens Road Culvert Replacement					Budget Unit #: 7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 3		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
189,000			189,000	-	-	-	189,000		
Section 2		Description of Capital Item							
This project is for the replacement of an existing culvert to reduce flooding.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
Reubens Road replacement is identified in the Master plan.									
History and Current Status; Impact if Cancelled or Delayed									
Requested in previous CIP.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.		25,000					25,000		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.		164,000					164,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	189,000	-	-	-	-	189,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	189,000	-	-	-	-	189,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue		189,000					189,000		
							-		
							-		
Total Program Financing	-	189,000	-	-	-	-	189,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Wyoming Drive/Grand Canyon: Culvert Replacement					Budget Unit #: 7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 4	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
195,000			195,000	-	-	-	195,000	
Section 2		Description of Capital Item						
This project is for the replacement of an existing culvert to reduce flooding.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Wyoming Drive replacement is identified in the Master plan.								
History and Current Status; Impact if Cancelled or Delayed								
Requested in previous CIP.								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		30,000					30,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		165,000					165,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	195,000	-	-	-	-	195,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	195,000	-	-	-	-	195,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		195,000					195,000	
							-	
							-	
Total Program Financing	-	195,000	-	-	-	-	195,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
						Comments for Other Depts.		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Wyoming Drive/ Montana: Culvert Replacement					Budget Unit #:	7100
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank: 5		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
178,000			178,000	-	-	178,000		
Section 2		Description of Capital Item						
This project is for the replacement of an existing culvert to reduce flooding.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Wyoming Drive replacement is identified in the Master plan.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.			20,000				20,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.			158,000				158,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	178,000	-	-	-	178,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	178,000	-	-	-	178,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue			178,000				178,000	
							-	
							-	
Total Program Financing	-	-	178,000	-	-	-	178,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
						Comments for Other Depts. 		

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Excavator					Budget Unit #: 7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 6		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
150,000		150,000	-	-	-	-	150,000		
Section 2		Description of Capital Item							
The Stormwater Department is requesting funding for the replacement of the existing Samsung 1998 model trackhoe excavator.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This replacement would allow us to utilize reliable equipment to make necessary repairs and installations of storm drains. A trackhoe excavator allows work to be completed on larger stormdrains and at deeper depths. This request is supported by the Fleet Maintenance replacement scheduling criteria.									
History and Current Status; Impact if Cancelled or Delayed									
The Stormwater Department has utilized the existing trackhoe excavator with success. If this purchase is delayed, maintenance on the existing equipment may become excessive and time consuming as Samsung excavators are no longer made, parts have to be ordered, and often times take many weeks for delivery. While waiting on the parts, a rental excavator would be utilized to perform the									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.							-		
Heavy Equip/ Apparatus	150,000						150,000		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	150,000	-	-	-	-	-	150,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	150,000	-	-	-	-	-	150,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	150,000						150,000		
							-		
							-		
Total Program Financing	150,000	-	-	-	-	-	150,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Farmwood Blvd Culvert Replacement					Budget Unit #:	7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank:	7		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:		
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		<input type="checkbox"/> New	<input type="checkbox"/> Expansion	
259,000				-		259,000	259,000	<input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation		
Section 2		Description of Capital Item								
This project is for the replacement of an existing culvert to reduce flooding.										
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives										
Farmwood Blvd replacement is identified in the Master plan.										
History and Current Status; Impact if Cancelled or Delayed										
Requested in previous CIP.										
Section 3		Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Prelim Design / Plans									-	
Engineering / Arch. Serv.					29,000				29,000	
Land / ROW / Acquisition									-	
Clear / Grade / Site Prep									-	
Building / Utility Constr.					230,000				230,000	
Heavy Equip/ Apparatus									-	
Light Equip. / Furniture									-	
Hardware/Software									-	
Total Capital Cost Est.	-	-	-	-	259,000	-			259,000	
Total Oper. Impact Est.	-	-	-	-	-	-			-	
Total Expenditure Est.	-	-	-	-	259,000	-			259,000	
Section 4		New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Salaries / Benefits									-	
Prof. & Consult. Services									-	
Materials & Supplies									-	
Maintenance / Fuel									-	
Other									-	
Total	-	-	-	-	-	-			-	
Section 5		Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Operating Revenue					259,000				259,000	
									-	
									-	
Total Program Financing	-	-	-	-	259,000	-			259,000	
Section 6		Maps / Charts / Tables / Pictures					Section 7			Comments for Other Depts.
										

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Treasure Drive Culvert Replacement					Budget Unit #: 7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 8		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
125,000	-	-	-	-	125,000	-	125,000		
Section 2		Description of Capital Item							
Culvert Replacement and upsizing under Treasure Dr. to reduce flooding risk and replace aging infrastructure.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This project is identified in the Irish Buffalo Creek Master Plan.									
History and Current Status; Impact if Cancelled or Delayed									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.				15,000			15,000		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.				110,000			110,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	-	-	125,000	-	-	125,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	-	125,000	-	-	125,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue				125,000			125,000		
							-		
							-		
Total Program Financing	-	-	-	125,000	-	-	125,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Chadbourne Ave Culvert Replacement					Budget Unit #: 7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 9	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
375,000	-	-	-	-	375,000	-	375,000	
Section 2		Description of Capital Item						
Culvert Replacement and upsizing under Chadbourne Ave. to reduce flooding risk and replace aging infrastructure.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This project is identified in the Irish Buffalo Creek Master Plan.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.				35,000			35,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				340,000			340,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	375,000	-	-	375,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	375,000	-	-	375,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue				375,000			375,000	
							-	
							-	
Total Program Financing	-	-	-	375,000	-	-	375,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7 Comments for Other Depts.		
								

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Glenwood Drive Culvert Replacement					Budget Unit #: 7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 10	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
125,000		-	-	-		125,000	125,000	
Section 2		Description of Capital Item						
Culvert Replacement and upsizing under Glenwood Drive to reduce flooding risk to neighboring homes and replace aging infrastructure.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This project is identified in the Irish Buffalo Creek Master Plan.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.					15,000		15,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.					110,000		110,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	-	125,000	-	125,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	-	125,000	-	125,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue					125,000		125,000	
							-	
							-	
Total Program Financing	-	-	-	-	125,000	-	125,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
						Comments for Other Depts.		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Chelwood Drive Culvert Replacement					Budget Unit #: 7100		
Budget Unit: Stormwater Services		Functional Area: Stormwater					Priority Rank: 11		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
375,000		-	-	-	-	375,000	375,000		
Section 2		Description of Capital Item							
Culvert Replacement and upsizing under Chelwood Drive to reduce flooding risk and replace aging infrastructure.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This project is identified in the Irish Buffalo Creek Master Plan.									
History and Current Status; Impact if Cancelled or Delayed									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.					35,000		35,000		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.					340,000		340,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	-	-	-	375,000	-	375,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	-	-	375,000	-	375,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue					375,000		375,000		
							-		
							-		
Total Program Financing	-	-	-	-	375,000	-	375,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Peaking Generators Emissions Upgrades					Budget Unit #: 7241		
Budget Unit: Peak Shaving		Functional Area: Electric Systems				Priority Rank: 1			
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:	
400,000	180,000	220,000	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	220,000	<input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
Section 2		Description of Capital Item							
Purchase and Installation of Diesel Oxidation Catalyst (DOC) to reduce carbon monoxide, non-methane hydrocarbons and particulate matter. 8 Units in 2011-2012 for the Florence Ave. site and 6 units in 2012-2013 for the Manor Ave. site.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
As dictated by the Clean Air Act and enforced by the EPA, increasingly more stringent emissions levels must be attained by 2013. This project will allow the continued use of the 14 Peak Shaving generator sets to reduce the City's overall purchased power cost. The reduction in emissions, as well as complying with the mandate, reinforces the City's core values of Accountability, Continuous Improvement, Environment and Safety.									
History and Current Status; Impact if Cancelled or Delayed									
At current demand rates, any delay in meeting the mandate will negate our ability to offset approximately \$4 million in purchase power costs.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.	220,000						220,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	220,000	-	-	-	-	-	220,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	220,000	-	-	-	-	-	220,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenues	220,000						220,000		
							-		
							-		
Total Program Financing	220,000	-	-	-	-	-	220,000		
Section 6		Maps / Charts / Tables / Pictures				Section 7			Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Electric Underground Duct Bank on International Blvd					Budget Unit #: 7240		
Budget Unit: Electric Construction		Functional Area: Electric Systems					Priority Rank: 2		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:	
1,000,000		1,000,000	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	1,000,000	<input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
Section 2		Description of Capital Item							
<p>This is a electric underground project that will install a concrete duct bank down Internatinal Blvd. from Sub K to Fortune Drive. This is an extension of the Substation K-2 project.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>This duct bank is required in order to provide a quality and reliable power source and service to our customers, as stated in our core values. The project will replace an existing system of direct buried cable that is at or near capacity and will enhance our ability to serve large customers on the North side of the International Business Park.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>New large industrial customers in the substation K-2 service area are requiring large capacity electric service. Reliable, quality underground circuits to the business park are a major economic development tool. A delay in this project could impact our ability to serve high profile customers in the business park.</p>									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.	1,000,000						1,000,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	1,000,000	-	-	-	-	-	1,000,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	1,000,000	-	-	-	-	-	1,000,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	1,000,000						1,000,000		
							-		
							-		
Total Program Financing	1,000,000	-	-	-	-	-	1,000,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: System Power Factor Correction					Budget Unit #:	7240		
Budget Unit:	Electric Construction (OH)		Functional Area: Electric Systems			Priority Rank:	3		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:	
300,000		150,000	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year FY2016-17	300,000	<input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
Section 2	Description of Capital Item								
<p>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.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>A comprehensive system analysis revealed a significant need to improve the electric system power factor. Improving the system power factor provides more efficient and economic loading of circuits. Improving system power factor is to be accomplished by installation of fixed and switched capacitance banks at strategic locations within the electric systems.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>This project had been proposed as a three year project. Phase I was funded in the FY02-03 operating budget. The first phase of installation occurred during FY03-04. Final capacitance applications will need to occur after the completion of the planned 100 KV conversion of several substations.</p>									
Section 3	Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans	20,000	20,000					40,000		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.							-		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture	130,000	130,000					260,000		
Hardware/Software							-		
Total Capital Cost Est.	150,000	150,000	-	-	-	-	300,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	150,000	150,000	-	-	-	-	300,000		
Section 4	New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5	Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	150,000	150,000					300,000		
							-		
							-		
Total Program Financing	150,000	150,000	-	-	-	-	300,000		
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.		
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: Construction of New Delivery No. 4 and 100 kV Interconnected - Ph 1					Budget Unit #:	7250	
Budget Unit:	Electrical Engineering		Functional Area: Electric Systems			Priority Rank:	4	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
7,283,235	-	-	7,283,235	-	-	-	7,283,235	
Section 2	Description of Capital Item							
<p>This project will provide construction of a 100 KV power delivery point, from which the City will purchase power from the electric grid. The project will also consist of a 100 KV Interconnect line to integrate this Delivery Point with the existing 100 KV infrastructure.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This additional 100 KV Delivery Point and interconnect line will provide an alternate source of transmission circuitry on the western side of the City's electric service area. This redundancy greatly improves the reliability of electric service to our customers by providing alternate paths to route transmission circuits that feed substations on the west side of Concord. This Delivery Point also provides additional capacity that will be required to meet future demands for power on the west side of Concord's electric service area.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>This project is a component of a ten-year plan to update and improve electric system infrastructure. The project will provide alternative circuit switching capability and will also allow capacity for the fast load-growing area.</p>								
Section 3	Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		294,582					294,582	
Land / ROW / Acquisition		1,097,002					1,097,002	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		5,891,652					5,891,652	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	7,283,235	-	-	-	-	7,283,235	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	7,283,235	-	-	-	-	7,283,235	
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5	Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		2,000,000					2,000,000	
Capitol Reserves		2,641,618					2,641,618	
Retained Earnings		2,641,618					2,641,618	
Total Program Financing	-	7,283,235	-	-	-	-	7,283,235	
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.	
							ROW acquisition will involve the City Surveying team and Legal Department.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replace E239 Line Truck					Budget Unit #: 7240	
Budget Unit: Electric Construction (OH)		Functional Area: Electric Systems				Priority Rank: 5		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
225,000			225,000	-	-	-	225,000	
Section 2		Description of Capital Item						
Replace unit E239, a 2003 International 37,000 GVWR (gross vehicle weight) Line Truck, with 45' working height.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This unit is used daily by electric line construction and maintenance personnel. It is used to set small power transformers, pull wire, set poles, and tow equipment and materials to job sites. This replacement is needed to continue to provide a quality and reliable power source.								
History and Current Status; Impact if Cancelled or Delayed								
Vehicle and equipment replacements are projected, as accurately as possible, initially using normal useful life expectancy. Final recommendation for replacement is a function of reliability of the unit and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Services Director.								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus		225,000					225,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	225,000	-	-	-	-	225,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	225,000	-	-	-	-	225,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		225,000					225,000	
							-	
							-	
Total Program Financing	-	225,000	-	-	-	-	225,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
								
						Comments for Other Depts.		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Construction of New Substation P in NC 49/US 601 Area					Budget Unit #: 7250		
Budget Unit: Electric Engineering		Functional Area: Electric Systems					Priority Rank: 6		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
2,770,031	-	-	-	2,770,031	-	-	2,770,031		
Section 2		Description of Capital Item							
<p>This project will provide an additional 44 KV substation that will be required to address the load growth in the southeastern quadrant of the City's electric service area. The new substation will relieve the loading on adjacent substations and will address the future load growth expected in the area.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>A new 44 KV substation will relieve the pressure on existing circuits and adjacent substations and will allow the city to provide reliable electric service to new customers in the area.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>This is a component in a 10-year plan to update and improve our electric infrastructure. The southeastern portion of the City's service area is in need of a substation to improve reliability so that we can switch load during peak seasons and relieve circuits that have grown and cannot be switched off for maintenance.</p>									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.			126,021				126,021		
Land / ROW / Acquisition			123,600				123,600		
Clear / Grade / Site Prep							-		
Building / Utility Constr.			2,520,410				2,520,410		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	-	2,770,031	-	-	-	2,770,031		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	2,770,031	-	-	-	2,770,031		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenues			2,770,031				2,770,031		
							-		
							-		
Total Program Financing	-	-	2,770,031	-	-	-	2,770,031		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									Right-of-Way aquisition will involve the City Surveying team and Legal Department.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Construction of 100 KV Sub @ Delivery #4 Site - Ph. 2					Budget Unit #: 7250		
Budget Unit: Electric Engineering		Functional Area: Electric Systems					Priority Rank: 7		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
5,195,777	-	-	-	5,195,777	-	-	5,195,777		
Section 2		Description of Capital Item							
This project consists of construction of a 100 KV, dual-bay electric substation, on the same site that houses Delivery #4.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This project will provide additional capacity to electric infrastructure in the central portion of the City's electric service area. Its planned location, directly adjacent to Delivery 4, will minimize cost of 100 KV line extension and maximize use of property already designated for an 100 KV Delivery Point. This substation will provide critical additional capacity to meet future demands for power. Its central location within the City's electric infrastructure will provide critical alternate feeder circuits to adjacent substations, resulting in enhanced reliability of electric									
History and Current Status; Impact if Cancelled or Delayed									
The City's Electric System infrastructure is currently on a 10-year improvement plan primarily to address load growth. All requests for new or converted substations are based on having the ability to address customer loading of the system.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.			240,060				240,060		
Land / ROW / Acquisition			154,500				154,500		
Clear / Grade / Site Prep							-		
Building / Utility Constr.			4,801,217				4,801,217		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	-	5,195,777	-	-	-	5,195,777		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	5,195,777	-	-	-	5,195,777		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Revenue Bonds			5,195,777				5,195,777		
							-		
							-		
Total Program Financing	-	-	5,195,777	-	-	-	5,195,777		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
							Right-of-Way acquisition will involve the City Surveying team and Legal Department.		

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1	Project Title: Replace E256 Line Truck					Budget Unit #:	7240	
Budget Unit:	Electric Construction (UG)	Functional Area:			Electric Systems	Priority Rank:	8	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
230,000		-	230,000	-	-	-	230,000	
Section 2	Description of Capital Item							
<p>The current unit is a 2002 International 35,000 GVWR Digger Derrick; "line truck". This unit is equipped with a boom and an auger that is used to install utility poles and small power transformers as well as to pull trailers with heavy equipment to job sites.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This replacement is required in order to continue to provide a quality and reliable power source and service to our customers, as stated in our core values. This unit is used by electric underground workers to install small power transformers, pull cable, set street light poles, and tow equipment to job sites.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>Vehicle and equipment replacements are projected, as accurately as possible, usually normal useful life expectancy. Final recommendation for replacement is a function of reliability of the unit and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Services Director.</p>								
Section 3	Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus		230,000					230,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	230,000	-	-	-	-	230,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	230,000	-	-	-	-	230,000	
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5	Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		230,000					230,000	
							-	
							-	
Total Program Financing	-	230,000	-	-	-	-	230,000	
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.	
								

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: 100 KV Transmission System-Close Western Loop					Budget Unit #:	7250
Budget Unit: Electric Engineering		Functional Area: Electric Systems				Priority Rank: 9		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:
5,505,141		-	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	5,505,141	<input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
Section 2		Description of Capital Item						
<p>This project will provide a loop feed between 100KV Deliveries 3 and 4 via the conversion of the existing 44KV transmission line between the intersection of Cabarrus Ave and Warren C. Coleman Blvd, and Concord Parkway South and Concord Farms Rd. Total project distance is 3.14 miles. The "tie line" will provide an alternate route of electric power to all substations on the western side of the City's service area.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This "tie line" will provide an alternate route for the supply of power to substations on the western side of the City's electric service area during times of major power outages and/or system maintenance. Without the loops, substations on Weddington Rd, International Business Park, and Rock Hill Church Rd are served via one radial feed transmission circuit with no alternate sources of power.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>This is a component of a 10-year plan to improve the electric system infrastructure. Canceling or delaying this project could result in longer wait times for restoration of power for our customers during major outages.</p>								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.				215,164			215,164	
Land / ROW / Acquisition				986,689			986,689	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				4,303,289			4,303,289	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	5,505,141	-	-	5,505,141	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	5,505,141	-	-	5,505,141	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Revenue Bonds				5,505,141			5,505,141	
							-	
							-	
Total Program Financing	-	-	-	5,505,141	-	-	5,505,141	
Section 6		Maps / Charts / Tables / Pictures				Section 7 Comments for Other Depts.		
						<p>ROW aquisition will involve the City Surveying team and Legal Department.</p>		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replace E-222 Line Truck					Budget Unit #: 7240	
Budget Unit: Electric Construction 7240		Functional Area: Electric Systems				Priority Rank: 10		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
235,000	-	-	-	235,000	-	-	235,000	
Section 2		Description of Capital Item						
The current unit is a 2003 International 35,000 GVWR Boom Truck. This unit is equipped with a boom to set small power transformers and pull trailers with heavy equipment to job sites.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This replacement is required in order to continue to provide a quality and reliable power source and service to our customers, as stated in our core values. This unit is used by electric underground workers to install small power transformers and pull cable.								
History and Current Status; Impact if Cancelled or Delayed								
Vehicle and equipment replacements are projected, as accurately as possible, usually normal useful life expectancy. Final recommendation for replacement is a function of reliability of the unit and annual maintenance costs.								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus			235,000				235,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	235,000	-	-	-	235,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	235,000	-	-	-	235,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenues			235,000				235,000	
							-	
							-	
Total Program Financing	-	-	235,000	-	-	-	235,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
						Comments for Other Depts.		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Conversion of Substation H to 100 KV					Budget Unit #: 7250	
Budget Unit: Electric Engineering		Functional Area: Electric Systems					Priority Rank: 11	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
3,275,190		-	-	-	-	3,275,190	3,275,190	
Section 2		Description of Capital Item						
<p>This project will convert the current electric substation on Warren Coleman Blvd (Substation "H") from a 44 KV feeder to a 100 KV feeder. The project will consist of replacement of the power transformer, distribution breakers and buss work.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This project will provide additional capacity required to meet the demand for electric power in the area. Interconnection of this substation to the new 100 KV Delivery 4 will also allow the Electric Systems Department to provide the integrity of service that is consistent with the goals and objectives of the City of Concord.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>This project is part of the departments 10-year plan to improve electric system infrastructure. This project will address the demands of load growth in the Warren C. Coleman service area. This project will also improve the reliability and integrity of the City's distribution system.</p>								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.					138,538		138,538	
Land / ROW / Acquisition					365,871		365,871	
Clear / Grade / Site Prep							-	
Building / Utility Constr.					2,770,780		2,770,780	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	-	3,275,190	-	3,275,190	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	-	3,275,190	-	3,275,190	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue					3,275,190		3,275,190	
							-	
							-	
Total Program Financing	-	-	-	-	3,275,190	-	3,275,190	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
						Comments for Other Depts.		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replace E-258 Bucket Truck					Budget Unit #: 7240		
Budget Unit: Electric Construction U/G		Functional Area: Electric Systems					Priority Rank: 12		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
210,000		210,000	-	-	-	-	210,000		
Section 2		Description of Capital Item							
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.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This unit is used daily as a vehicle to address customer needs and the street lighting repair / maintenance and service. This unit is also used for trouble during storms on Electric Systems. Replacement is needed to ensure timely response to customers during emergencies and power outages as well. A larger working height truck will allow for more versatility in addressing various work orders and job conditions.									
History and Current Status; Impact if Cancelled or Delayed									
Vehicle and equipment replacements are projected, as accurately as possible, initially using normal life expectancy. Final recommendation for replacement is a function of reliability of the unity and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Service Director.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.							-		
Heavy Equip/ Apparatus	210,000						210,000		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	210,000	-	-	-	-	-	210,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	210,000	-	-	-	-	-	210,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	210,000						210,000		
							-		
							-		
Total Program Financing	210,000	-	-	-	-	-	210,000		
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.	
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: Replace E-227 Bucket Truck					Budget Unit #:	7240	
Budget Unit:	Electric Construction 7240	Functional Area: Electric Systems				Priority Rank:	13	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
150,000		-	-	-	-	150,000	150,000	
Section 2	Description of Capital Item							
Replace E-227, a 2008 Ford F-550 17,500 GVW Bucket Truck, with 43' working height.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This unit is used daily as a vehicle to address customer needs and the street lighting repair / maintenance and service. This unit is also used for trouble during storms on Electric Systems. Replacement is needed to ensure timely response to customers during emergencies and power outages as well								
History and Current Status; Impact if Cancelled or Delayed								
Vehicle and equipment replacements are projected, as accurately as possible, initially using normal life expectancy. Final recommendation for replacement is a function of reliability of the unity and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Service Director.								
Section 3	Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus					150,000		150,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	-	150,000	-	150,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	-	150,000	-	150,000	
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5	Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue					150,000		150,000	
							-	
							-	
Total Program Financing	-	-	-	-	150,000	-	150,000	
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.	
								

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1	Project Title: Replace E302 Bucket Truck					Budget Unit #:	7240		
Budget Unit:	Electric Construction 7240	Functional Area: Electric Systems				Priority Rank:	14		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
240,000		-	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	240,000	240,000	
Section 2	Description of Capital Item								
Replace E-302, a 2004 International SBA Bucket Truck, with 65' working height.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This unit is used daily as a vehicle to address customer needs and the street lighting repair / maintenance and service. This unit is also used for trouble during storms on Electric Systems. Replacement is needed to ensure timely response to customers during emergencies and power outages as well									
History and Current Status; Impact if Cancelled or Delayed									
Vehicle and equipment replacements are projected, as accurately as possible, initially using normal life expectancy. Final recommendation for replacement is a function of reliability of the unity and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Service Director.									
Section 3	Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.							-		
Heavy Equip/ Apparatus					240,000		240,000		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	-	-	-	240,000	-	240,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	-	-	240,000	-	240,000		
Section 4	New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5	Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue					240,000		240,000		
							-		
							-		
Total Program Financing	-	-	-	-	240,000	-	240,000		
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.		
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replace E319 Bucket Truck					Budget Unit #: 7240	
Budget Unit: Electric Construction 7240		Functional Area: Electric Systems				Priority Rank: 15		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
220,000		-	-	220,000	-	220,000		
Section 2		Description of Capital Item						
Replace E-319, a 2006 Sterling Acterra Bucket Truck, with 55' working height.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This unit is used daily as a vehicle to address customer needs and the street lighting repair / maintenance and service. This unit is also used for trouble during storms on Electric Systems. Replacement is needed to ensure timely response to customers during emergencies and power outages as well								
History and Current Status; Impact if Cancelled or Delayed								
Vehicle and equipment replacements are projected, as accurately as possible, initially using normal life expectancy. Final recommendation for replacement is a function of reliability of the unity and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Service Director.								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus			220,000				220,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	220,000	-	-	-	220,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	220,000	-	-	-	220,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue			220,000				220,000	
							-	
							-	
Total Program Financing	-	-	220,000	-	-	-	220,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.
								

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replace E325 Bucket Truck					Budget Unit #: 7240	
Budget Unit: Electric Construction 7240		Functional Area: Electric Systems				Priority Rank: 16		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
150,000	-	-	-	-	-	150,000	150,000	
Section 2		Description of Capital Item						
Replace E-325, a 2006 Ford F-550 17,500 GVW Bucket Truck, with 43' working height.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This unit is used daily as a vehicle to address customer needs and the street lighting repair / maintenance and service. This unit is also used for trouble during storms on Electric Systems. Replacement is needed to ensure timely response to customers during emergencies and power outages as well								
History and Current Status; Impact if Cancelled or Delayed								
Vehicle and equipment replacements are projected, as accurately as possible, initially using normal life expectancy. Final recommendation for replacement is a function of reliability of the unity and annual maintenance costs. These factors are evaluated by Electric Systems staff and the Fleet Service Director.								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus					150,000		150,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	-	150,000	-	150,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	-	150,000	-	150,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue					150,000		150,000	
							-	
							-	
Total Program Financing	-	-	-	-	150,000	-	150,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
								
						Comments for Other Depts.		

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Bucket/Digger Derrick Utility Vehicle					Budget Unit #: 7240		
Budget Unit: Electric Construction		Functional Area: Electric Systems					Priority Rank: 17		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
140,000		-	140,000	-	-	-	140,000		
Section 2		Description of Capital Item							
Bucket/Digger Derrick utility vehicle with 42' aerial reach									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This unit will be used as a vehicle to address customer needs in power restoration and new installations in difficult to reach work zones. This unit will also be used for repairing storm damaged back lot facilities. This equipment is needed to ensure timely response to customers during emergencies and power outages as well.									
History and Current Status; Impact if Cancelled or Delayed									
Delay in purchasing this unit will impede our service levels for customers with difficult to reach work areas.									
Section 3		Project Costs							
Activity		FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans								-	
Engineering / Arch. Serv.								-	
Land / ROW / Acquisition								-	
Clear / Grade / Site Prep								-	
Building / Utility Constr.								-	
Heavy Equip/ Apparatus			140,000	-				140,000	
Light Equip. / Furniture								-	
Hardware/Software								-	
Total Capital Cost Est.		-	140,000	-	-	-	-	140,000	
Total Oper. Impact Est.		-	-	-	-	-	-	-	
Total Expenditure Est.		-	140,000	-	-	-	-	140,000	
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure		FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits								-	
Prof. & Consult. Services								-	
Materials & Supplies								-	
Maintenance / Fuel								-	
Other								-	
Total		-	-	-	-	-	-	-	
Section 5		Method(s) of Financing							
Funding Source(s)		FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue			140,000					140,000	
Total Program Financing		-	140,000	-	-	-	-	140,000	
Section 6		Maps / Charts / Tables / Pictures					Section 7		
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Solid State Relay Conversion for Substation J					Budget Unit #: 7220	
Budget Unit: Maintenance of Powerlines		Functional Area: Electric Systems					Priority Rank: 18	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
180,000		180,000	-	-	-	-	180,000	
Section 2		Description of Capital Item						
<p>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. Changing technology has rendered the existing station equipment obsolete.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This project will provide additional reliability by increasing our ability to monitor the system and create dynamic new protection schemes, thereby helping reduce Customer outage times. This project helps meet our goal of continuous improvement.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>This project is part of the departments strategic plan to systematically upgrade the intelligent devices on the system. Delays in upgrades will begin to impact reliability over time and increase our maintenance costs going forward.</p>								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.	18,000						18,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.	162,000						162,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	180,000	-	-	-	-	-	180,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	180,000	-	-	-	-	-	180,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue	180,000						180,000	
							-	
							-	
Total Program Financing	180,000	-	-	-	-	-	180,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.
								

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Disinfection Byproduct Reduction Needs					Budget Unit #: 7330	
Budget Unit: Hillgrove Water Plant		Functional Area: Water Resources					Priority Rank: 1	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
1,675,000		110,000	575,000	440,000	550,000	-	1,675,000	
Section 2		Description of Capital Item						
<p>This project is to conduct full scale testing of a chlorine dioxide system, design and construction of a chlorine dioxide system, upgrade of the flash mixing basin to optimize coagulation, design and construction of piping modifications and baffling in the clearwell, and design and construction of a powdered activated carbon feed at the Hillgrove Water Plant.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This project is intended to decrease the disinfection byproducts in the distribution system to meet state regulations.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>If this project is delayed or cancelled the level of disinfectant byproducts in the distribution system may not be compliant with state regulations.</p>								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans	40,000						40,000	
Engineering / Arch. Serv.	70,000		40,000				110,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		575,000	400,000	550,000			1,525,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	110,000	575,000	440,000	550,000	-	-	1,675,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	110,000	575,000	440,000	550,000	-	-	1,675,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue	110,000	575,000	440,000	550,000			1,675,000	
							-	
							-	
Total Program Financing	110,000	575,000	440,000	550,000	-	-	1,675,000	
Section 6		Maps / Charts / Tables / Pictures					Section 7	
							Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: I-85 Widening - Waterline Replacement					Budget Unit #:	7340	
Budget Unit:	Waterlines Oper. & Maint		Functional Area: Water Resources			Priority Rank:	2	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
412,670	-	-	FY2013-14	FY2014-15	FY2015-16	FY2016-17	412,670	
Section 2	Description of Capital Item							
Upgrade the existing 16" waterline to a new 24" waterline from Poplar Tent Road to Rocky River as part of the NCDOT TIP project.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
To further enhance system by enable greater volumes and reliability of water to be distributed throughout our system more efficiently. Relocation required due to road realignment.								
History and Current Status; Impact if Cancelled or Delayed								
Contract is executed with NCDOT requiring payment.								
Section 3	Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.			206,335	206,335			412,670	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	206,335	206,335	-	-	412,670	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	206,335	206,335	-	-	412,670	
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5	Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue			206,335	206,335			412,670	
							-	
							-	
Total Program Financing	-	-	206,335	206,335	-	-	412,670	
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.	

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: PLC Cabinet Replacement					Budget Unit #:	7331	
Budget Unit:		Coddle Creek Water Plan		Functional Area: Water Resources			Priority Rank:	3	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
306,000		106,000	-	-	100,000		306,000		
Section 2		Description of Capital Item							
<p>This project is to replace the two existing PLC cabinets located in the filter galley. Projection includes replacement of remaining PLC every three years.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>These PLC cabinets are in need of replacement because of the environment they are in. Allen Bradley has stopped producing replacement parts for this particular line. Replacing these two will also provide spare parts for the remaining 4 that we still have on site at Coddle Creek.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>May cause interruption of service provision to residents if not approved.</p>									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.							-		
Heavy Equip/ Apparatus	106,000			100,000		100,000	306,000		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	106,000	-	-	100,000	-	100,000	306,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	106,000	-	-	100,000	-	100,000	306,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenues	106,000			100,000		100,000	306,000		
							-		
							-		
Total Program Financing	106,000	-	-	100,000	-	100,000	306,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replace High Service Pump Motor Starters					Budget Unit #:	7331			
Budget Unit:		Coddle Creek Water Plant		Functional Area:			Water Resources				
Priority Rank:									4		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:			
690,000		414,000	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	690,000	<input type="checkbox"/> New	<input type="checkbox"/> Expansion	<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation
			-	276,000	-	-		<input type="checkbox"/> Land/ROW Acq. Required			
Section 2											
Description of Capital Item											
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. Motors 2 and 4 are programmed for replacement in FY 15. These need to be done in groups of three or two because of the configuration of the motor control center cabinet.											
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives											
The current equipment was manufactured in 1993 and installed in 1994. This equipment has become increasingly unreliable and it is becoming difficult to purchase replacement parts.											
History and Current Status; Impact if Cancelled or Delayed											
Possible disruption of service provision is delayed or cancelled.											
Section 3											
Project Costs											
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total				
Prelim Design / Plans							-				
Engineering / Arch. Serv.	54,000		36,000				36,000				
Land / ROW / Acquisition							-				
Clear / Grade / Site Prep							-				
Building / Utility Constr.							-				
Heavy Equip/ Apparatus	360,000		240,000				240,000				
Light Equip. / Furniture							-				
Hardware/Software							-				
Total Capital Cost Est.	414,000	-	276,000	-	-	-	690,000				
Total Oper. Impact Est.	-	-	-	-	-	-	-				
Total Expenditure Est.	414,000	-	276,000	-	-	-	690,000				
Section 4											
New or Additional Impact on Operating Budget											
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total				
Salaries / Benefits							-				
Prof. & Consult. Services							-				
Materials & Supplies							-				
Maintenance / Fuel							-				
Other							-				
Total	-	-	-	-	-	-	-				
Section 5											
Method(s) of Financing											
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total				
Operating Revenues	414,000		276,000				276,000				
							-				
							-				
Total Program Financing	414,000	-	276,000	-	-	-	690,000				
Section 6					Section 7			Comments for Other Depts.			
Maps / Charts / Tables / Pictures											

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Waterline Replacement - Wilshire Bridge					Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources					Priority Rank: 5	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
150,000		-	150,000	-	-	-	150,000	
Section 2		Description of Capital Item						
Waterline relocation associated with the replacement of the bridge on Wilshire Avenue.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Due to the bridge replacement, the 8" waterline may have to be relocated.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		150,000					150,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	150,000	-	-	-	-	150,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	150,000	-	-	-	-	150,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		150,000					150,000	
							-	
							-	
Total Program Financing	-	150,000	-	-	-	-	150,000	
Section 6		Maps / Charts / Tables / Pictures					Section 7	
							Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Phase 3 - George Liles Boulevard 24" Waterline					Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources					Priority Rank: 6	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
3,360,510	-	-	1,120,170	1,120,170	1,120,170	-	3,360,510	
Section 2		Description of Capital Item						
Provide a new 24" waterline from Weddington Road to Roberta Road as part of the NCDOT Westside Bypass Project.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
To further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently. This is in accordance with WSACC's Master Plan.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		1,120,170	1,120,170	1,120,170			3,360,510	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	1,120,170	1,120,170	1,120,170	-	-	3,360,510	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	1,120,170	1,120,170	1,120,170	-	-	3,360,510	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		1,120,170	1,120,170	1,120,170			3,360,510	
							-	
							-	
Total Program Financing	-	1,120,170	1,120,170	1,120,170	-	-	3,360,510	
Section 6		Maps / Charts / Tables / Pictures					Section 7	
							Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Derita Road Waterline Replacement					Budget Unit #:	7340
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 7		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
500,000		-	500,000	-	-	-	500,000	
Section 2		Description of Capital Item						
Realign the existing 16" waterline from Poplar Tent Road to Rocky River as part of the NCDOT TIP project.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Required as part of the NCDOT Project.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		500,000					500,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	500,000	-	-	-	-	500,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	500,000	-	-	-	-	500,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		500,000					500,000	
							-	
							-	
Total Program Financing	-	500,000	-	-	-	-	500,000	
Section 6		Maps / Charts / Tables / Pictures					Section 7	
							Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Waterline Replacement - US 29 Bridge					Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources					Priority Rank: 8	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
300,000		-	-	300,000	-	-	300,000	
Section 2		Description of Capital Item						
Watermain relocation associated with the replacement of the bridge over US Highway 29 at Rocky River.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Due to the bridge replacement, the 16" waterline may have to be relocated.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.			300,000				300,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	300,000	-	-	-	300,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	300,000	-	-	-	300,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenues			300,000				300,000	
							-	
							-	
Total Program Financing	-	-	300,000	-	-	-	300,000	
Section 6			Maps / Charts / Tables / Pictures			Section 7		Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Hwy 73 - Waterline between Kannapolis Parkway & Trinity Church Rd.					Budget Unit #: 7340	
Budget Unit: Waterlines Oper & Maint		Functional Area: Water Resources					Priority Rank: 9	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
1,303,125		-	-	-	-	1,303,125	1,303,125	
Section 2		Description of Capital Item						
This project requires approximately 6,255 ft. of 16" waterline between Kannapolis Parkway and Trinity Church Road on Highway 73 W.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
To provide more efficient service to the Industrial Drive area by increasing volume and reliability								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.					156,375		156,375	
Land / ROW / Acquisition					104,250		104,250	
Clear / Grade / Site Prep							-	
Building / Utility Constr.					1,042,500		1,042,500	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	-	-	1,303,125	-	1,303,125	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	-	1,303,125	-	<u>1,303,125</u>	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue					1,303,125		1,303,125	
							-	
							-	
Total Program Financing	-	-	-	-	1,303,125	-	<u>1,303,125</u>	
Section 6		Maps / Charts / Tables / Pictures					Section 7	
							Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replacement and/or Relining of Aged Waterlines					Budget Unit #:	7340		
Budget Unit:		Waterlines Oper & Maint		Functional Area:			Water Resources		Priority Rank:	10
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:		
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		<input type="checkbox"/> New	<input type="checkbox"/> Expansion	
3,000,000		500,000	500,000	500,000	500,000	500,000	3,000,000	<input checked="" type="checkbox"/> Replacement	<input checked="" type="checkbox"/> Renovation	
Section 2		Description of Capital Item								
This project is to replace or reline pre-1950s waterlines.										
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives										
This project is intended to improve the hydraulics and overall operation of the distribution system, as well as decrease the maintenance costs of the distribution system. This project is recommended in the Fire Flow study to increase fire flow availability to downtown Concord.										
History and Current Status; Impact if Cancelled or Delayed										
The maintenance costs of the system will continue to increase each year if these aged pipes are not replaced or relined.										
Section 3		Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Prelim Design / Plans							-			
Engineering / Arch. Serv.							-			
Land / ROW / Acquisition							-			
Clear / Grade / Site Prep							-			
Building / Utility Constr.	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000			
Heavy Equip/ Apparatus							-			
Light Equip. / Furniture							-			
Hardware/Software							-			
Total Capital Cost Est.	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000			
Total Oper. Impact Est.	-	-	-	-	-	-	-			
Total Expenditure Est.	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000			
Section 4		New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Salaries / Benefits							-			
Prof. & Consult. Services							-			
Materials & Supplies							-			
Maintenance / Fuel							-			
Other							-			
Total	-	-	-	-	-	-	-			
Section 5		Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Operating Revenue	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000			
							-			
							-			
Total Program Financing	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000			
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Replacement Transit Buses					Budget Unit #:	7609		
Budget Unit:		Rider Transit System		Functional Area:			Public Transit			
							Priority Rank:	1		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:		
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		<input type="checkbox"/> New	<input type="checkbox"/> Expansion	
3,000,000		-	1,500,000	1,500,000	-	-	3,000,000	<input checked="" type="checkbox"/> Replacement	<input type="checkbox"/> Renovation	
Section 2		Description of Capital Item								
Provide funding for the replacement of 8 RIDER transit buses.										
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives										
Eight (8) of the ten (10) transit buses will be eligible for replacement beginning in 2013. FTA requires buses to have a useful life of twelve (12) years or 500,000 miles. The RIDER transit buses will be eligible due to mileage by mid 2013. The bus order would be split between two years to space out future replacement needs. Capital purchases are funded at an 80/10/10 split. The local share is then split again with the City of Kannapolis.										
History and Current Status; Impact if Cancelled or Delayed										
These will be the first replacements for the RIDER System. A delay will result in more in service failures, inconvenience to passengers, and higher maintenance costs, which will result in higher contract costs to operate the system. The project is currently in the NCDOT STIP, but will need to be moved to the appropriate years.										
Section 3		Project Costs								
Activity		FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans								-		
Engineering / Arch. Serv.								-		
Land / ROW / Acquisition								-		
Clear / Grade / Site Prep								-		
Building / Utility Constr.								-		
Heavy Equip/ Apparatus			1,500,000	1,500,000				3,000,000		
Light Equip. / Furniture								-		
Hardware/Software								-		
Total Capital Cost Est.		-	1,500,000	1,500,000	-	-	-	3,000,000		
Total Oper. Impact Est.		-	-	-	-	-	-	-		
Total Expenditure Est.		-	1,500,000	1,500,000	-	-	-	3,000,000		
Section 4		New or Additional Impact on Operating Budget								
Type of Expenditure		FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits								-		
Prof. & Consult. Services								-		
Materials & Supplies								-		
Maintenance / Fuel								-		
Other								-		
Total		-	-	-	-	-	-	-		
Section 5		Method(s) of Financing								
Funding Source(s)		FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
FTA			1,200,000	1,200,000				2,400,000		
NCDOT			150,000	150,000				150,000		
Kannapolis 50% split			75,000	75,000				150,000		
Operating Revenues			75,000	75,000				150,000		
Total Program Financing		-	1,500,000	1,500,000	-	-	-	3,000,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7			
							Comments for Other Depts.			

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Transit Operations and Maintenance Facility					Budget Unit #:	7609	
Budget Unit: Rider Transit System		Functional Area: Public Transit					Priority Rank:	2	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		<input checked="" type="checkbox"/> New	<input type="checkbox"/> Expansion
6,000,000		-			6,000,000	50,000	6,000,000	<input type="checkbox"/> Replacement	<input type="checkbox"/> Renovation
Section 2		Description of Capital Item							
Construct a Transit Operations and Maintenance Facility on property adjacent to the Transit Center.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
As the RIDER Transit System grows, the operational demands will require that the buses and operators are housed closer to the Transit Center. This decreases deadhead time, permits buses to be stored nearby, allows quick operator shift changeovers, provides better operational support, and offers better efficiencies for maintaining the equipment (buses, fare boxes, AVL, etc.). The operational costs of the system will decrease due to the new facility.									
History and Current Status; Impact if Cancelled or Delayed									
Additional property will be required on Ridge Ave. in Concord. Grant monies will not be available to assist with the project until local funding is secured and FTA agrees to participate in the project. A delay will likely require the service provider to relocate if any expansions are anticipated, raising operational costs. Currently contained in the NCDOT STIP.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.				6,000,000			6,000,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	-	-	6,000,000	-	-	6,000,000		
Total Oper. Impact Est.	-	-	-	-	50,000	-	50,000		
Total Expenditure Est.	-	-	-	6,000,000	50,000	-	6,050,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel					50,000		50,000		
Other							-		
Total	-	-	-	-	50,000	-	50,000		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
FTA				4,800,000			4,800,000		
NCDOT				600,000			600,000		
Kannapolis 50% split				300,000	25,000		325,000		
Concord 50% split				300,000	25,000		325,000		
Total Program Financing	-	-	-	6,000,000	50,000	-	6,050,000		
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Highland Creek - Elrond Drive Outfall					Budget Unit #: 7420	
Budget Unit: Wastewater Op. & Maint.		Functional Area: Wastewater Resources					Priority Rank: 1	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
243,250	-	-	243,250	-	-	-	243,250	
Section 2		Description of Capital Item						
<p>During the development of the Winding Walk subdivision, a basin analysis was performed for this outfall. It was determined that the 8" outfall is undersized to accommodate the basin it is serving. Based on this analysis, the existing system needs to be replaced with 1,874 lf of 18" gravity sewer.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>The need to upsize this outfall was determined prior to the development of Winding Walk. We worked with the developer and had then split their flow limiting the amount they sent to this basin. Before we can allow additional flow into this basin, we must perform more flow monitoring and be prepared to upgrade this outfall. The connection fees for Winding Walk as well as future connection should cover the cost of this upgrade.</p>								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition		9,000					9,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		234,250					234,250	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	243,250	-	-	-	-	243,250	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	243,250	-	-	-	-	243,250	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		243,250					243,250	
							-	
							-	
Total Program Financing	-	243,250	-	-	-	-	243,250	
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Great Road Outfall Upgrade					Budget Unit #: 7420		
Budget Unit: Wastewater Op. & Maint.		Functional Area: Wastewater Resources					Priority Rank: 2		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
1,068,250		-	1,068,250	-	-	-	1,068,250		
Section 2		Description of Capital Item							
<p>Install approximately 2,850 lf of 24" gravity and 3,150 lf of 18" gravity as an upgrade to the Great Road Outfall. We must have a design completed so that we can get the line relaid under the future Westside Bypass before NCDOT secures their easements and finalizes the Westside Bypass. We also need to have our easements secured before NCDOT so we will have better control over where our line will be. According to the latest information from NCDOT, this project has been accelerated for construction in 2011. This project will require approximately 4 acres of easements.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>To provide future sewer service to one of our largest basins. We currently have a 12" main serving this basin and will soon be nearing capacity on this line. Upgrading this new outfall will not only provide us with the correct size sewer to serve the basin, but we will also be in place before NCDOT constructs the Westside Bypass. This basin also provides sewer service to approximately 125 acres northwest of Hwy. 29.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>Due to potential wet land concerns and rock, we need to review other alternate alignments.</p>									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.		218,250					218,250		
Land / ROW / Acquisition		100,000					100,000		
Clear / Grade / Site Prep							-		
Building / Utility Constr.		750,000					750,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Hardware/Software							-		
Total Capital Cost Est.	-	1,068,250	-	-	-	-	1,068,250		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	1,068,250	-	-	-	-	1,068,250		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue		1,068,250					1,068,250		
							-		
							-		
Total Program Financing	-	1,068,250	-	-	-	-	1,068,250		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Mountain Laurel Outfall					Budget Unit #: 7420	
Budget Unit: Wastewater Op. & Maint.		Functional Area: Wastewater Resources					Priority Rank: 3	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
244,480	-	-	244,480	-	-	-	244,480	
Section 2		Description of Capital Item						
Replace approximately 1,532 lf of existing 8" gravity sewer with an 18" gravity main in order to provide capacity for future development.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Considering flow allocations that have been made for development within this basin, Concord will need to upgrade this outfall before all development occurs. Staff will continue monitoring actuals flows and recommend upgrading this line at the appropriate time. We anticipate there will be approximately 1.5 acres of easement required.								
History and Current Status; Impact if Cancelled or Delayed								
Concord has already had NCDOT upgrade the crossing under George Liles to a 12" main and this payment was made in 2008. We need to ensure we get a signed sewer easement in exchange for upsizing this outfall.								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		22,980					22,980	
Land / ROW / Acquisition		30,000					30,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		191,500					191,500	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	244,480	-	-	-	-	244,480	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	244,480	-	-	-	-	244,480	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		244,480					244,480	
							-	
							-	
Total Program Financing	-	244,480	-	-	-	-	244,480	
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: Roberta Woods Pump Station Elimination					Budget Unit #:	7420	
Budget Unit:	Wastewater Op. & Maint.		Functional Area: Wastewater Resources			Priority Rank:	4	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
598,000		-	FY2013-14 598,000	FY2014-15 -	FY2015-16 -	FY2016-17 -	598,000	
Section 2	Description of Capital Item							
Install approximately 3,800 lf of gravity sewer to eliminate the Roberta Woods pump station and serve the balance of the basin that is on the Philip Morris property.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
In a continuing effort to eliminate as many pump stations as practically possible, staff proposes this CIP to remove this pump station from service. Eliminating this station will reduce the City exposure to potential sewer over flows and will also eliminate the need for costly upgrades or monthly operational needs. We will also need to upgrade the existing gravity sewer in this basin as the Philip Morris property will most likely be developed. This elimination needs to work in concert with the Westside Bypass project.								
History and Current Status; Impact if Cancelled or Delayed								
The downstream gravity portion of this project will cross the Westside Bypass project. It is recommended that the City work in conjunction with NCDOT to have the roadway crossing portion of this project built with their project. Concord could then execute a contract to construct the remainder of the project and remove the pump station which is above the Bypass and then upgrade the gravity ..								
Section 3	Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		57,000					57,000	
Land / ROW / Acquisition		66,000					66,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		475,000					475,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	598,000	-	-	-	-	598,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	598,000	-	-	-	-	598,000	
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5	Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue		598,000					598,000	
							-	
							-	
Total Program Financing	-	598,000	-	-	-	-	598,000	
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.	

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: TV Truck Replacement					Budget Unit #:	7420
Budget Unit:		Wastewater Op. & Maint.			Functional Area: Wastewater Resources		Priority Rank:	5
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
195,000		-	-	195,000	-	-	195,000	
Section 2		Description of Capital Item						
Replace a 2003 panel TV truck used for televising sewer mains.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Replacement of this item will allow us to continue to inspect our system to ensure compliance with our collection system permit and to continue to identify defects in the system that could result in failure of be the source for I&I. Truck replacement cost is \$75,000, camera system replacement cost is \$75,000, and the necessary Granite software is \$45,000.								
History and Current Status; Impact if Cancelled or Delayed								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus			195,000				195,000	
Light Equip. / Furniture							-	
Hardware/Software							-	
Total Capital Cost Est.	-	-	195,000	-	-	-	195,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	195,000	-	-	-	195,000	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue			195,000				195,000	
							-	
							-	
Total Program Financing	-	-	195,000	-	-	-	195,000	
Section 6		Maps / Charts / Tables / Pictures				Section 7		
						Comments for Other Depts.		

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Rocky River Clubhouse Expansion					Budget Unit #:	7501		
Budget Unit:		Rocky River Golf Course		Functional Area:			Golf Course		Priority Rank:	1
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:		
157,000	-	12,000	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	157,000	<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation		
Section 2		Description of Capital Item								
Expansion of Clubhouse dining and banquet facilities to accommodate larger groups. The size and scope of project is still to be determined, but will include expansion of current private dining room and addition of an outdoor awning to cover the back veranda. The project also includes new carpeting for the dining areas and entrance.										
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives										
Gives us the ability to book larger group events, and increases revenue potential. Makes the back veranda much more appealing for weddings, and parties and guarantees an event can be held even if it rains.										
History and Current Status; Impact if Cancelled or Delayed										
This area has been utilized very well in the past, but is limited to groups of 150 or less. The expansion will allow us to host groups of up to 250 people.										
Section 3		Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Prelim Design / Plans	5,000						5,000			
Engineering / Arch. Serv.		20,000					20,000			
Land / ROW / Acquisition							-			
Clear / Grade / Site Prep		10,000					10,000			
Building / Utility Constr.		100,000					100,000			
Heavy Equip/ Apparatus							-			
Light Equip. / Furniture	7,000	15,000					22,000			
Hardware/Software							-			
Total Capital Cost Est.	12,000	145,000	-	-	-	-	157,000			
Total Oper. Impact Est.	-	-	-	-	-	-	-			
Total Expenditure Est.	12,000	145,000	-	-	-	-	157,000			
Section 4		New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Salaries / Benefits							-			
Prof. & Consult. Services							-			
Materials & Supplies							-			
Maintenance / Fuel							-			
Other							-			
Total	-	-	-	-	-	-	-			
Section 5		Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Capital Reserve	12,000	145,000					157,000			
							-			
							-			
Total Program Financing	12,000	145,000	-	-	-	-	157,000			
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.	

**City of Concord, North Carolina
Fiscal Year 2011-12 through 2015-16 Capital Improvement Plan**

Section 1		Project Title: Apron Rehabilitation Overlay and Pavement Strengthening					Budget Unit #:	4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank:	1	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
3,300,490	500,000	-	2,800,490	-	-	-	2,800,490		
Section 2		Description of Capital Item							
This project will rehabilitate and strengthen the airport aircraft parking apron with a three (3) inch asphalt overlay. This will increase the weight bearing capacity of the apron from 77,000 LBS to 130,000 LBS, matching the runway strength for a portion of the ramp and rehabilitating the remaining pavement areas. The project will be done in phases with the strengthening portion done first.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This project is listed in the Airport Master Plan and was recommended in NCDOT pavement analysis completed in 2006. The NCDOT has identified this pavement area as in poor condition and in need of overlaying. It is anticipated that 737-sized aircraft will continue using the airport in 2012 during the NASCAR race season.									
History and Current Status; Impact if Cancelled or Delayed									
This is the sixth year for this CIP project. Delaying the project will cause further damage and depressions to form on existing aircraft ramp due to use by heavy aircraft now using the airport. This project will be completed when funds are provided by the NCDOT.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.		2,800,490					2,800,490		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	2,800,490	-	-	-	-	2,800,490		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	2,800,490	-	-	-	-	2,800,490		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Federal (FAA)		2,520,441					2,520,441		
Operating Revenue		280,049	-				280,049		
Total Program Financing	-	2,800,490	-	-	-	-	2,800,490		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: New Relocated Control Tower					Budget Unit #: 4530		
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 2		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
3,305,814	305,814	-	3,000,000	-	-	-	3,000,000		
Section 2 Description of Capital Item									
This project will relocate the Air Traffic Control Tower from on top of the existing terminal building to a new site. A study was completed that indicated a new tower could be built in close proximity to the current location at a height of 125 feet.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
The current tower cab has limited space with no expansion capacity. It was not designed for the current level of activity. With the runway extension, increasing traffic, and new north taxiway, and south development area; the tower needs to be higher to enhance visibility and safety. The current tower is actually 16 feet below the threshold of runway 20. State and federal funds would be available and it is a priority with the NCDOT-Aviation Division. Because the aircraft activity has increased, we are now a 100% funded contract tower meaning we do not pay for the personnel to operate the tower.									
History and Current Status; Impact if Cancelled or Delayed									
Air Traffic Control was started in October 1998 at the airport. Over the last 14 years, aircraft traffic and size of aircraft have increased substantially. Also, the existing tower's low height causes controllers serious depth perception problems and they do not have the ability to see the entire airport including taxiway "G" and south development areas. Current status: A tower site location has been approved.									
Section 3 Project Costs									
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep		150,000					150,000		
Building / Utility Constr.		2,750,000					2,750,000		
Heavy Equip/ Apparatus		100,000					100,000		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	3,000,000	-	-	-	-	3,000,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	3,000,000	-	-	-	-	3,000,000		
Section 4 New or Additional Impact on Operating Budget									
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5 Method(s) of Financing									
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
FAA Grant		2,700,000					2,700,000		
Operating Revenue		300,000					300,000		
							-		
Total Program Financing	-	3,000,000	-	-	-	-	3,000,000		
Section 6			Maps / Charts / Tables / Pictures			Section 7			Comments for Other Depts.
			Existing Tower above Existing Terminal Bld. Example of a Newer / Taller Control Tower						

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Taxiway Overlay					Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 3	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
2,329,089	265,589	-	2,063,500	-	-	-	2,063,500	
Section 2 Description of Capital Item								
This project would rehabilitate and strengthen the aircraft taxiway with 3 inches of asphalt increasing the current 72,000 lb design limit to approximately 130,000 lbs to accommodate more operations of large jets up to 737-sized aircraft.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This is an Airport Master Plan listed project and would be a eligible for FAA funds. The project is a critical long-term project for the Airport to continue on a course to balance revenues and expenditures because it will allow larger jet aircraft to use the airport. The original pavement constructed in 1994 is now eighteen years old and nearing the later stages of its functional life cycle.								
History and Current Status; Impact if Cancelled or Delayed								
Eighth year this project is included in the CIP. This is a priority project in the NC-DOT Aviation TIP and is scheduled to occur after apron is overlaid is strengthened. NCDOT completed a pavement analysis of all airport pavement in 2006 which indicated pavement needs replacement/overlay.								
Section 3 Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		63,500					63,500	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		2,000,000					2,000,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Total Capital Cost Est.	-	2,063,500	-	-	-	-	2,063,500	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	2,063,500	-	-	-	-	2,063,500	
Section 4 New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5 Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Federal (FAA)		1,857,150					1,857,150	
Operating Revenue		206,350					206,350	
							-	
Total Program Financing	-	2,063,500	-	-	-	-	2,063,500	
Section 6 Maps / Charts / Tables / Pictures			Section 7 Comments for Other Depts.					
								

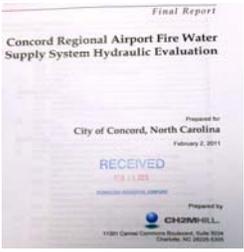
**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Airport Rescue and Firefighting (ARFF) Vehicle					Budget Unit #: 4530		
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 4		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
800,000	-	-	800,000	-	-	-	-		
Section 2		Description of Capital Item							
The Aviation Department and the Department of Fire & Life Safety are requesting the purchase of an aircraft rescue and firefighting (ARFF) "Index B" capable vehicle to be housed at Fire Station #6. This would be a replacement of a 26 year-old vehicle.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
The current unit was purchased used in 2004 and was retrofitted in FY 2008. The unit is a 1986 model and a new unit is required due to reliability problems and the continued expansion of operations at the airport. This unit would contribute to the safety of customers and responding personnel. There are almost 10,000 Air Carrier Passengers that were counted in 2010. That number continues to increase and does not include corporate flight departments that operate at the airport with similar passenger counts.									
History and Current Status; Impact if Cancelled or Delayed									
This ARFF unit has been requested for several years and would be eligible for FAA funding due to our FAA Part 139 Certification that governs commercial aircraft operations at the airport. Due to the age of our primary ARFF truck and the increased number of airline charter jets using the airport (regional jets and 737 aircraft) this request has increased in priority.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.							-		
Heavy Equip/ Apparatus		800,000					800,000		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	800,000	-	-	-	-	800,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	800,000	-	-	-	-	800,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
FAA Grant		720,000	-				720,000		
Local (10% Match)		80,000	-				80,000		
Total Program Financing	-	800,000	-	-	-	-	800,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									Fire and Life Safety Department would be involved in the purchase and selection of the new ARFF unit.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: South Development Apron Expansion					Budget Unit #: 4530		
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 5		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
1,300,000		-	1,300,000	-	-	-	1,300,000		
Section 2		Description of Capital Item							
This project adds a two acre aircraft parking apron in the South Development Area between taxiway "A-1" and "A2"									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
Justification for the project is economic development and making the airport as self-sustaining as possible. Common ramp would be eligible for FAA funding participation and would allow larger aircraft to use for parking and operations area.									
History and Current Status; Impact if Cancelled or Delayed									
First year this project has been requested in the CIP. The South Development (SDA) area is now being utilized for private hangars as well as commercial charter flight operations that support the NASCAR industry. This area would otherwise not have revenue generating opportunity as its too close to the taxiway for hangar construction. Need for additional ramp space will be greatly need if additional hangar construction takes place in the SDA.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep		300,000					300,000		
Building / Utility Constr.		1,000,000					1,000,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	1,300,000	-	-	-	-	1,300,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	1,300,000	-	-	-	-	1,300,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
FAA		1,170,000					1,170,000		
Local Match/Operating Rev		130,000					130,000		
Total Program Financing	-	1,300,000	-	-	-	-	1,300,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.

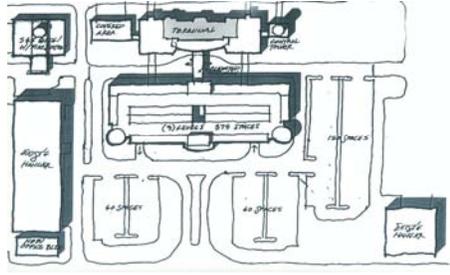
City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Fire System Surge Tank					Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 6	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
258,750		258,750	-	-	-	-	258,750	
Section 2		Description of Capital Item						
<p>Project involves the 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. Surge tanks are designed to eliminate damaging shock waves (water hammer), and pressure transients during fire system activations.</p>								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
<p>This issue was identified in the Concord Regional Airport Fire Water Supply System Hydraulic Evaluation completed by CH2MHILL in early 2011. The report recommends this project, in addition to several others, to improve the Airport's fire protection system, prevent accidental discharges, and meet existing NFPA 20 fire codes.</p>								
History and Current Status; Impact if Cancelled or Delayed								
<p>This project was identified as a needed improvement to protect the airports fire water system and help prevent system damage and resulting potential accidental discharges in an aircraft hangar by controlling water pressures. The airport has experienced several issues with the fire suppression system in the last few year and these are needed improvement to help prevent further problems. This is one of the Phase 2 recommendations in the report.</p>								
Section 3		Project Costs						
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.	33,750						33,750	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.	225,000						225,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Total Capital Cost Est.	258,750	-	-	-	-	-	258,750	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	258,750	-	-	-	-	-	258,750	
Section 4		New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5		Method(s) of Financing						
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue	258,750						258,750	
							-	
							-	
Total Program Financing	258,750	-	-	-	-	-	258,750	
Section 6		Maps / Charts / Tables / Pictures				Section 7		Comments for Other Depts.
								

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Hangar A Office Addition					Budget Unit #: 4530		
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 7		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
400,000		-	400,000	-	-	-	400,000		
Section 2		Description of Capital Item							
Single story 2,700 SF (30'x90') office attachment to east side of Hangar A. Office attachment to provide space for existing based helicopter operator who desires to expand at the airport. Operator would also lease hangar space for expanded operations.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
This is an economic development project and will increase airport revenues and fuel sales. By providing additional space, the Aviation Department creates additional revenue streams and diversifies the types of activities at the airport. Office space at the airport is in high demand.									
History and Current Status; Impact if Cancelled or Delayed									
Third year the project is in the CIP. Partnering with existing tenant by constructing and leasing back the office space allows the tenant to expand and creates a new market for the airport. Delaying or not constructing would postpone the expansion and could cause a possible loss of a long-time based customer to another local airport with these facilities.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.		50,000					50,000		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.		350,000					350,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	400,000	-	-	-	-	400,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	400,000	-	-	-	-	400,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue		400,000					400,000		
							-		
							-		
Total Program Financing	-	400,000	-	-	-	-	400,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Parking Facilities Expansion					Budget Unit #:	4530		
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank:		8		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:		
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Expansion	<input type="checkbox"/> Replacement
5,350,000		-	350,000	5,000,000	-	-	5,350,000	<input type="checkbox"/> Land/ROW Acq. Required		
Section 2 Description of Capital Item										
This project would construct a 350 space parking deck over an existing parking area lot to provide an additional parking in front of the proposed expanded terminal building location. The Airport currently has 344 paved parking spaces which are often greatly over capacity. No more surface areas remain for additional parking lots and demand continues to grow with NASCAR team charter aircraft activity.										
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives										
During the NASCAR season, almost each week from Thursday through Sunday, the parking lot is over capacity and we exceed our ability to safely accommodate vehicles in our lots. This problem affects existing tenants and FBO operations, our potential to grow the key motorsports aviation segment, and our ability to expand the terminal building; all of which are critical to economic development in this area. To help recover some of the costs, it is anticipated that a daily parking charge will be implemented.										
History and Current Status; Impact if Cancelled or Delayed										
This is the seventh year this project has been included in the Airport CIP. Other airport projects and anticipated future growth depend of having sufficient parking spaces nearby the terminal building. Parking continues to be one of the main complaints we receive from airport users.										
Section 3 Project Costs										
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Prelim Design / Plans							-			
Engineering / Arch. Serv.		350,000					350,000			
Land / ROW / Acquisition							-			
Clear / Grade / Site Prep							-			
Building / Utility Constr.			5,000,000				5,000,000			
Heavy Equip/ Apparatus							-			
Light Equip. / Furniture							-			
Total Capital Cost Est.	-	350,000	5,000,000	-	-	-	5,350,000			
Total Oper. Impact Est.	-	-	-	-	-	-	-			
Total Expenditure Est.	-	350,000	5,000,000	-	-	-	5,350,000			
Section 4 New or Additional Impact on Operating Budget										
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Salaries / Benefits							-			
Prof. & Consult. Services							-			
Materials & Supplies							-			
Maintenance / Fuel							-			
Other							-			
Total	-	-	-	-	-	-	-			
Section 5 Method(s) of Financing										
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total			
Other (private partnership)		350,000	5,000,000				5,350,000			
							-			
							-			
Total Program Financing	-	350,000	5,000,000	-	-	-	5,350,000			
Section 6		Maps / Charts / Tables / Pictures					Section 7			Comments for Other Depts.
										

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Runway 20 EMAS					Budget Unit #:	4530	
Budget Unit: Aviation Operations		Functional Area: Aviation			Priority Rank:		9		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
2,500,000		-	2,500,000	-	-	-	2,500,000		
Section 2		Description of Capital Item							
<p>An Engineered Materials Arresting Systems (EMAS), is a recent technology of crushable material placed at the end of a runway and designed to absorb the forward momentum of an aircraft that overshoots the runway. Runway 20 does not meet the current FAA standard for Runway Safety Area and an EMAS would meet the requirement. The FAA has requested this situation be evaluated.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>Safety and economic development are the goals of this project and it is an FAA requested project. Runway 20 at the airport currently only has 600 feet of safety area beyond the runway pavement end. The FAA requires 1,000 feet. An EMAS is a efficient way of providing 1,000 feet of overrun area without actually having the entire area available. Having the EMAS would give the airport additional runway length for takeoffs to the south.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>Third year the project is in the CIP. With larger aircraft now using the airport, the FAA is mandating the increased runway safety area. FAA would fund the project at 90% funding level as a safety priority project.</p>									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.		2,500,000					2,500,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	2,500,000	-	-	-	-	2,500,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	2,500,000	-	-	-	-	2,500,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Federal (FAA)		2,250,000		-			2,250,000		
Grant Match/ Operating Rev		250,000		-			250,000		
Total Program Financing	-	2,500,000	-	-	-	-	2,500,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
		  							

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: North Internal Service Road					Budget Unit #:	4530	
Budget Unit:	Aviation Operations		Functional Area: Aviation			Priority Rank:	10	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
2,150,300		-	FY2013-14	FY2014-15	FY2015-16	FY2016-17	2,150,300	
			-	325,000	1,825,300	-		

Section 2 **Description of Capital Item**

This project consists of the construction of an internal service road from the north apron to the North Myint Access Road.

Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives

Safety and customer service are primary reasons why this road is needed. It will allow internal access from the main airport area to the new Hangar development area adjacent to taxiway "G". The road would allow vehicles to avoid going near an active runway or taxiway which can be dangerous and create potential conflicts with aircraft.

History and Current Status; Impact if Cancelled or Delayed

If unable to construct this roadway, airport fuel trucks and other vehicles would need to travel taxiways which is a safety issue with the FAA It would also provide a secondary access to the airport improving safety and emergency response. This roadway may be eligible for federal funding assistance.

Section 3 **Project Costs**

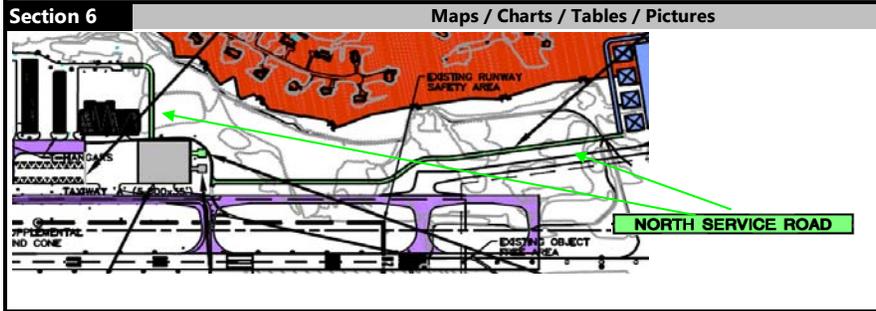
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.			100,000				100,000
Land / ROW / Acquisition							-
Clear / Grade / Site Prep			225,000				225,000
Building / Utility Constr.				1,825,300			1,825,300
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
Total Capital Cost Est.	-	-	325,000	1,825,300	-	-	2,150,300
Total Oper. Impact Est.	-	-	-	-	-	-	-
Total Expenditure Est.	-	-	325,000	1,825,300	-	-	2,150,300

Section 4 **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
Total	-	-	-	-	-	-	-

Section 5 **Method(s) of Financing**

Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Federal (FAA)			292,500	1,642,770	-		1,935,270
Operating Revenue			32,500	182,530	-		215,030
Total Program Financing	-	-	325,000	1,825,300	-	-	2,150,300



Section 7 **Comments for Other Depts.**

This project would assist Fire and Life Safety Departments with additional access to Concord Regional Airport airfield from Myint Lane.

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1	Project Title: Terminal Expansion					Budget Unit #:	4530		
Budget Unit:	Aviation Operations		Functional Area: Aviation			Priority Rank:	11		
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project:	
13,380,000	-	-	Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17	13,380,000	<input type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Land/ROW Acq. Required <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation	
Section 2	Description of Capital Item								
<p>This project would expand the existing Airport Passenger Terminal Building to meet the increasing growth and immediate/future space needs. The project would add administrative offices, offices for rent, rental car areas, security/passenger processing area, and space for a restaurant. Airport parking lot improvements would also need to go along with this project.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>This is a project outlined in the Airport Master Plan. It is also a revenue generating and an economic development project which increases tax revenues and creates jobs. It will provide businesses the opportunity to have access or offices at the airport. The existing terminal building was never designed to accommodate the type and number of people that go through the building during a NASCAR race weekend. When many race team aircraft depart around the same time, their passengers overload the existing lobby. Even larger aircraft are now being used with addition security screening requirements that we cannot accommodate indoors.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>The terminal building exceeds its capacity when NASCAR teams depart for races each week. The airport has erected a temporary modular building to accommodate office space requests, but additional space needs for passenger screening and processing, restaurant, line service, and meeting space is still greatly needed. New proposed FAA reauthorization legislation may included additional fund sharing for terminal building improvements.</p>									
Section 3	Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans	-	-	-	-	-	-	-		
Engineering / Arch. Serv.	-	-	580,000	-	-	-	580,000		
Land / ROW / Acquisition	-	-	-	-	-	-	-		
Clear / Grade / Site Prep	-	-	-	-	-	-	-		
Building / Utility Constr.	-	-	-	12,800,000	-	-	12,800,000		
Heavy Equip/ Apparatus	-	-	-	-	-	-	-		
Light Equip. / Furniture	-	-	-	-	-	-	-		
Total Capital Cost Est.	-	-	580,000	12,800,000	-	-	13,380,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	580,000	12,800,000	-	-	13,380,000		
Section 4	New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits	-	-	-	-	-	-	-		
Prof. & Consult. Services	-	-	-	-	-	-	-		
Materials & Supplies	-	-	-	-	-	-	-		
Maintenance / Fuel	-	-	-	-	-	-	-		
Other	-	-	-	-	-	-	-		
Total	-	-	-	-	-	-	-		
Section 5	Method(s) of Financing								
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue	-	-	290,000	6,400,000	-	-	6,690,000		
Other (Private Partnership)	-	-	290,000	6,400,000	-	-	6,690,000		
Total Program Financing	-	-	580,000	12,800,000	-	-	13,380,000		
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.		
					<p>Utility taps and relocation may accompany this project. Stormwater is also being addressed.</p>				

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1		Project Title: Aircraft Washrack					Budget Unit #:	4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank:	12	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
250,000		-	-	250,000	-	-	250,000		
Section 2		Description of Capital Item							
Project is a construction of a larger aircraft washrack which consists an asphalt or concrete area with drainage, water / oil separator, and water source that would be used as an environmentally acceptable area where aircraft to be washed. It would use recycled or reclaimed water to help meet the City's goals under the water transfer agreement.									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
Justification is customer service and to comply with environmental regulations. Stormwater / wastewater runoff is a major concern with the City and the Airport. Dirty aircraft affect performance, worsen maintenance issues, and cause the aircraft to burn more fuel. Project would only be completed when funds are available and a recovery fee system would be in place for any aircraft being washed in the new washrack.									
History and Current Status; Impact if Cancelled or Delayed									
Currently the washrack that is in place is too small. It was designed for small single or light twin. We have requests to wet wash aircraft king air size and larger and currently the only place that can occur is inside a hangar.									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.							-		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep							-		
Building / Utility Constr.			250,000				250,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	-	250,000	-	-	-	250,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	250,000	-	-	-	250,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Operating Revenue			250,000				250,000		
							-		
							-		
Total Program Financing	-	-	250,000	-	-	-	250,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
 									

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Large Aircraft Run-up Area					Budget Unit #:	4530
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank:	13
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
650,000		-	-	650,000	-	-	650,000	
Section 2								
Description of Capital Item								
Project involves the construction of a stub taxiway and a 100' x 100' asphalt pad area on the east side of the runway at approximately mid-field for use as a large aircraft maintenance engine run-up area.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
This issue is identified in the Airport Master Plan and it is an existing safety, noise, and risk management issue. Running up an engine on the aircraft ramp at high levels can create a debris hazard especially around other aircraft. We have based aircraft maintenance operators doing business at the airport who need to conduct these activities as part of their aircraft maintenance operations.								
History and Current Status; Impact if Cancelled or Delayed								
This is the third year this item is in our CIP. There are no available areas outside the airport movement area at the airport specifically for this activity. Noise from engine runups is a huge issue with airport neighbors and a safety issue from the hazard of propeller and jet blast occurring behind these aircraft doing the runups. An area away from other aircraft that is not near residential areas or disturbs aircraft operations in the movement area is needed.								
Section 3								
Project Costs								
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.			50,000				50,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep			100,000				100,000	
Building / Utility Constr.			500,000				500,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Total Capital Cost Est.	-	-	650,000	-	-	-	650,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	650,000	-	-	-	650,000	
Section 4								
New or Additional Impact on Operating Budget								
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5								
Method(s) of Financing								
Funding Source(s)	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	Future \$\$	Total	
Federal or State Revenue			585,000				585,000	
Operating Revenue			65,000				65,000	
							-	
Total Program Financing	-	-	650,000	-	-	-	650,000	
Section 6		Maps / Charts / Tables / Pictures					Section 7	
								
		<p align="center">New Large Aircraft Run-up Pad</p>						

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1	Project Title: Corporate Hangar Developments					Budget Unit #:	4530	
Budget Unit:	Aviation Operations		Functional Area: Aviation			Priority Rank:	14	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
3,300,000		-	-	-	-	3,300,000	3,300,000	

Section 2 Description of Capital Item
 Project would be for the construction of individual corporate hangars around 12,000 SF in size. These building would be leased back to tenants as a revenue generating mechanism for the Aviation Department (amortized net cost, plus ground rent, plus 5% profit margin).

Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives
 This project is in the Airport Master Plan. Additional justification is responding to the needs of customers and for economic development at the Airport and City. Project would only be completed with approved long-term lease. This is not a speculation building project.

History and Current Status; Impact if Cancelled or Delayed
 This project was added due to demand for such facilities that are not currently available at the airport. If this option is not available, potential long-term tenants may go elsewhere. The City would lose annual tax revenues for multi-million dollar aircraft, jobs, fuel sale profits, and additional source of revenue that would help the Aviation Department reach self-sufficiency.

Section 3 Project Costs

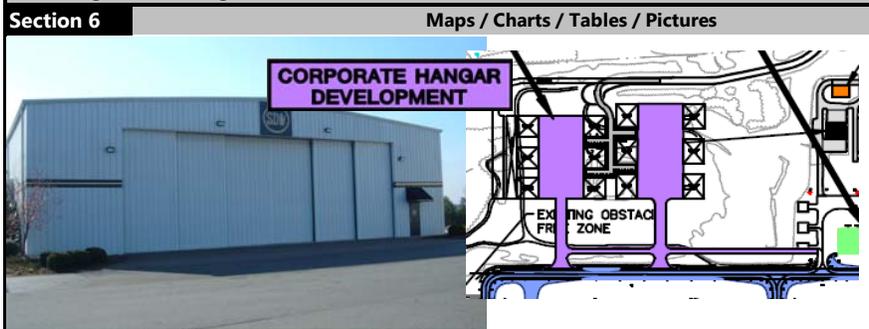
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Prelim Design / Plans					10,000		10,000
Engineering / Arch. Serv.					190,000		190,000
Land / ROW / Acquisition							-
Clear / Grade / Site Prep					100,000		100,000
Building / Utility Constr.					3,000,000		3,000,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
Total Capital Cost Est.	-	-	-	-	3,300,000	-	3,300,000
Total Oper. Impact Est.	-	-	-	-	-	-	-
Total Expenditure Est.	-	-	-	-	3,300,000	-	3,300,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
Total	-	-	-	-	-	-	-

Section 5 Method(s) of Financing

Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Capital funds (bond)					3,300,000		3,300,000
							-
							-
Total Program Financing	-	-	-	-	3,300,000	-	3,300,000



Section 7 Comments for Other Depts.

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1	Project Title: Jet Engine Blast Deflector Fence for Apron					Budget Unit #:	4530	
Budget Unit:	Aviation Operations		Functional Area: Aviation			Priority Rank:	15	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
150,000		-	-	-	-	150,000	150,000	
Section 2	Description of Capital Item							
Installation of a metal fence that directs jetblast and prop wash up and away from other aircraft on the North Apron parking area. The fence would separate the large aircraft that operate from the North Apron Phase 1 area from the small aircraft that are parked at the North Apron Phase 2 area.								
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives								
Safety and best utilization of resources are the purposes of this project. The North Apron Phase 1 area is located in front of Hangar H which is used for storage of large aircraft used in motorsports team transportation. Protecting aircraft assets by safety directing jet blast upward would allow the airport to fully utilize the ramp as called for under the Airport Ramp Utilization Plan.								
History and Current Status; Impact if Cancelled or Delayed								
For safety reasons, without the fence, fewer aircraft can be parked on the new apron due to the separation necessary to avoid an accident or aircraft damage due to prop or jet blast.								
Section 3	Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.					150,000		150,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
Total Capital Cost Est.	-	-	-	-	150,000	-	150,000	
Total Oper. Impact Est.	-	-	-	-	-	-	-	
Total Expenditure Est.	-	-	-	-	150,000	-	150,000	
Section 4	New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
Total	-	-	-	-	-	-	-	
Section 5	Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total	
Operating Revenue					150,000		150,000	
							-	
							-	
Total Program Financing	-	-	-	-	150,000	-	150,000	
Section 6	Maps / Charts / Tables / Pictures					Section 7	Comments for Other Depts.	
								

City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan

Section 1		Project Title: Helipads					Budget Unit #:	4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank:	16	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17			
410,000		-	-	-	-	410,000	410,000		
Section 2		Description of Capital Item							
<p>This project would construct permanent concrete helipads at the Concord Regional Airport to replace existing ones lost due to recent ramp expansion projects at the airport. Helipad locations would be determined after space analysis is completed and would be constructed when funding becomes available.</p>									
Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives									
<p>Safety and economic development are the primary reasons for this project. With the recent completion of the North Apron Expansion and South Development area, the Airport lost an existing helipad and areas where helicopters would park at the airport. For safety reasons, its critical to have a designated area for helicopter activity that is free of obstacles and away from other aircraft. During race operations the airport sees several hundred helicopter operations and does not have sufficient landing areas for these aircraft.</p>									
History and Current Status; Impact if Cancelled or Delayed									
<p>Helipads are needed for current and for anticipated future helicopter traffic growth. They replace pads that were lost as a result of recent construction projects. The airport is currently using several mobile pads called dollies, but they do not work for larger helicopters.</p>									
Section 3		Project Costs							
Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Prelim Design / Plans							-		
Engineering / Arch. Serv.					40,000		40,000		
Land / ROW / Acquisition							-		
Clear / Grade / Site Prep					70,000		70,000		
Building / Utility Constr.					300,000		300,000		
Heavy Equip/ Apparatus							-		
Light Equip. / Furniture							-		
Total Capital Cost Est.	-	-	-	-	410,000	-	410,000		
Total Oper. Impact Est.	-	-	-	-	-	-	-		
Total Expenditure Est.	-	-	-	-	410,000	-	410,000		
Section 4		New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Salaries / Benefits							-		
Prof. & Consult. Services							-		
Materials & Supplies							-		
Maintenance / Fuel							-		
Other							-		
Total	-	-	-	-	-	-	-		
Section 5		Method(s) of Financing							
Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total		
Federal (FAA)					369,000		369,000		
Operating Revenue					41,000		41,000		
Total Program Financing	-	-	-	-	410,000	-	410,000		
Section 6		Maps / Charts / Tables / Pictures					Section 7		Comments for Other Depts.
 									

**City of Concord, North Carolina
Fiscal Year 2012-13 through 2016-17 Capital Improvement Plan**

Section 1	Project Title: SCADA Pump Controller Replacements					Budget Unit #:	4530	
Budget Unit:	Aviation Operations		Functional Area: Aviation			Priority Rank:	17	
Total Project Cost	Total Appropriations to date	Budget Year 1 FY2012-13	Unappropriated Subsequent Years				Total Requested Funds	Type of Project: <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Replacement <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2013-14	Year 3 FY2014-15	Year 4 FY2015-16	Year 5 FY2016-17		
100,000		-	-	100,000	-	-	100,000	

Section 2 Description of Capital Item

Replacement of existing outdated pump controllers with new panels and supervisory control and data acquisition system (SCADA). SCADA would include a monitoring inside each airport hangar, integration of controls, and systems monitoring.

Justification; and Linkage to Council Goals, Master Plans, or Dept. Goals & Objectives

This issue was identified in the Concord Regional Airport Fire Water Supply System Hydraulic Evaluation completed by CH2MHILL in early 2011. The report recommends this project, in addition to several others, to improve the Airport's fire protection system, prevent accidental discharges, and meet existing NFPA 20 Fire codes.

History and Current Status; Impact if Cancelled or Delayed

As identified in the CH2MHILL Evaluation report, the existing controllers are outdated and technical support for the control system has become limited and may potentially be eliminated. SCADA would upgrade and improve the dependability of the airport's fire water system.

Section 3 Project Costs

Activity	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus			100,000				100,000
Light Equip. / Furniture							-
Total Capital Cost Est.	-	-	100,000	-	-	-	100,000
Total Oper. Impact Est.	-	-	-	-	-	-	-
Total Expenditure Est.	-	-	100,000	-	-	-	100,000

Section 4 New or Additional Impact on Operating Budget

Type of Expenditure	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
Total	-	-	-	-	-	-	-

Section 5 Method(s) of Financing

Funding Source(s)	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	Future \$\$	Total
Operating Revenue			100,000				100,000
							-
							-
Total Program Financing	-	-	100,000	-	-	-	100,000

Section 6 Maps / Charts / Tables / Pictures

Section 7 Comments for Other Depts.