

# ENTERPRISE FUNDS OVERVIEW

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**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.

## **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 using 637.9 miles of water lines to 32,629 connections 24 hours a day. 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. The Rider System operates 10 buses on 7 fixed routes.

**Wastewater Fund:** The Wastewater Resources Department is responsible for managing and maintaining 515 miles of sewer collection system and 25 pump stations that provide service for over 30,700 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.

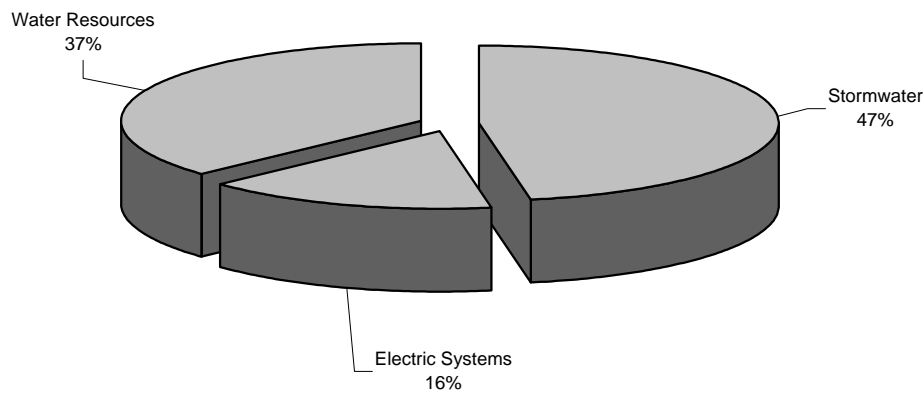
**Aviation Fund:** The Aviation Department – Concord Regional Airport – is responsible for operating and maintaining the City's airport facilities for public use in accordance with federal, state, and local regulations, rules, policies, and ordinances. The airport also provides fuel and other aeronautical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

**Public Housing Fund:** Public Housing provides adequate, safe and sanitary housing for low-income residents of the City of Concord while promoting economic independence.

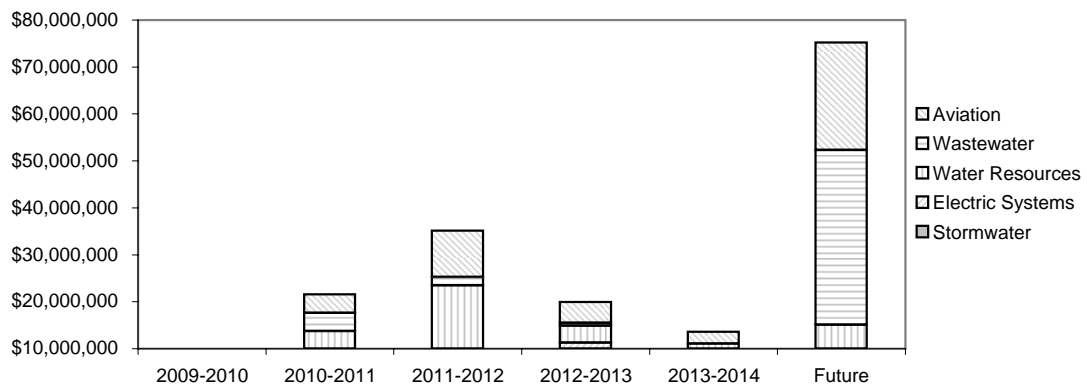
# Enterprise Funds Expenditures

By Fund	2009-2010 Approved	2010-2011 Planning Yr.	2011-2012 Planning Yr.	2012-2013 Planning Yr.	2013-2014 Planning Yr.	Future Planning Yr.
Stormwater	\$ 312,000	\$ 6,838,000	\$ 468,000	\$ 460,000	\$ 556,000	\$ -
Electric Systems	\$ 105,000	\$ 570,000	\$ 7,511,102	\$ 10,820,167	\$ 8,774,593	\$ 250,000
Water Resources	\$ 245,000	\$ 6,347,803	\$ 15,500,000	\$ 3,600,000	\$ 1,750,000	\$ 14,867,820
Wastewater	\$ -	\$ 3,870,850	\$ 1,771,600	\$ 615,500	\$ -	\$ 37,239,114
Aviation	\$ -	\$ 3,980,000	\$ 9,890,000	\$ 4,450,000	\$ 2,534,270	\$ 22,888,985
<b>Total Expenditures</b>	\$ 662,000	\$ 21,606,653	\$ 35,140,702	\$ 19,945,667	\$ 13,614,863	\$ 75,245,919


## FY 2009-10 Enterprise Funds Expenditures (by Fund)



## FY 2010-14 Enterprise Funds Planned Expenditures



**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>	Project Title: Georgia Street Culvert					Budget Unit #:	7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank:		1
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
156,000		156,000	-	-	-	-		
<b>Section 2</b>	<b>Description of Capital Item</b>							
Replacement of aging infrastructure. Pipe channel was previously stabilized with concrete. Concrete headwalls and sidewalls have begun to fail, causing minor sink holes on the roadway shoulder and the roadway itself.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Proactive response to replace failing infrastructure to avoid possible future structural failure of culvert. Relocation of existing sewer, water, and gas lines must occur with this project.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>	<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
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							-	
<b>Total Capital Cost Est.</b>	<b>156,000</b>	-	-	-	-	-	<b>156,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	<b>156,000</b>	-	-	-	-	-	<b>156,000</b>	
<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>	<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue	156,000						156,000	
							-	
							-	
<b>Total Program Financing</b>	<b>156,000</b>	-	-	-	-	-	<b>156,000</b>	
<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>					<b>Section 7</b>	<b>Comments for Other Depts.</b>	
								

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**


<b>Section 1</b>		Project Title: Young Street Culvert				Budget Unit #: 7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank: 2	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
156,000		156,000	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required

<b>Section 2</b>	<b>Description of Capital Item</b>
Replacement of aging infrastructure. The roadway slab is currently positioned directly on top of the culvert. Its headwalls have begun to fail and sideslope erosion is occurring. Narrow roadway and absence of guardrail will require acquisition of additional right-of-way to bring future replacement up to acceptable traffic safety standards.	
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>	
Proactive response to replace failing infrastructure to avoid possible future structural failure of culvert.	
<b>History and Current Status; Impact if Cancelled or Delayed</b>	

Section 3	Project Costs						
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	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							-
<b>Total Capital Cost Est.</b>	<b>156,000</b>	-	-	-	-	-	<b>156,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	<b>156,000</b>	-	-	-	-	-	<b>156,000</b>

Section 4	New or Additional Impact on Operating Budget						
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

Section 5	Method(s) of Financing						
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue	156,000		156,000				312,000
							-
							-
<b>Total Program Financing</b>	<b>156,000</b>	-	<b>156,000</b>	-	-	-	<b>312,000</b>

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>
			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Excavator				Budget Unit #: 7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank: 3	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
220,000		-	220,000	-	-	-	

**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, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

This replacement would allow us to utilize reliable equipment to make necessary repairs and installations of stormdrains. 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 is delayed maintenance on the existing equipment may become excessive and time consuming for the following reasons. Samsung excavators are no longer made and 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 scheduled projects.

**Section 3** **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	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							-
<b>Total Capital Cost Est.</b>	-	<b>220,000</b>	-	-	-	-	<b>220,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>220,000</b>	-	-	-	-	<b>220,000</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue		220,000					220,000
<b>Total Program Financing</b>	-	<b>220,000</b>	-	-	-	-	<b>220,000</b>



**Section 7** **Comments for Other Depts.**

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Capital Projects Master Planning				Budget Unit #:	7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank:	4	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
700,000		-	350,000	-	350,000	-	<input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	

**Section 2** **Description of Capital Item**

The purpose of this plan is to identify and develop the capital projects for stormwater quality and quantity improvements. Potential projects will be prioritized, so that they are implemented in the most appropriate order over the next 10 - 20 years.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other 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. It is beneficial to show baseline water quality information to show improvement as programs are implemented over time. Modeling water quantity is important to identify potential major flooding problems within the system before they become emergencies, resulting in extended road closures, etc.

**History and Current Status; Impact if Cancelled or Delayed**

The city's stormwater system has never been modeled. If delayed, the city will have skewed numbers for baseline water quality since programs will already be years into implementation and some benefits to water quality may already be realized. The city may experience flooding problems that could have been avoided if the study were complete and projects implemented to complete them.

<b>Section 3</b> <span style="float: right;"><b>Project Costs</b></span>							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	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							-
<b>Total Capital Cost Est.</b>	-	<b>350,000</b>	-	<b>350,000</b>	-	-	<b>700,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>350,000</b>	-	<b>350,000</b>	-	-	<b>700,000</b>

<b>Section 4</b> <span style="float: right;"><b>New or Additional Impact on Operating Budget</b></span>							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5</b> <span style="float: right;"><b>Method(s) of Financing</b></span>							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue		350,000		350,000			700,000
							-
							-
<b>Total Program Financing</b>	-	<b>350,000</b>	-	<b>350,000</b>	-	-	<b>700,000</b>

<b>Section 6</b> <span style="float: right;"><b>Maps / Charts / Tables / Pictures</b></span>	<b>Section 7</b> <span style="float: right;"><b>Comments for Other Depts.</b></span>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Stream Restoration Project				Budget Unit #:	7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank:	5	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
6,268,000	519,400		6,268,000	-	-	-		

**Section 2 Description of Capital Item**  
The Stormwater Department is requesting the 35 percent non-federal funding match for the U.S. Army Corps of Engineers Section 206 Aquatic Ecosystem Restoration and Protection program Concord stream restoration study. The preliminary project budget is \$6.268 million; Concord's match could be up to \$2.193 million. The feasibility study report has been received and recommendations will be presented to Council.


**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
The purpose of this project is to support our Core Value for the Environment to enhance and sustain our natural, historic, economic and aesthetic resources for future generations. This project will also serve to stabilize eroding stream banks and coincide with our master plan for proposed Greenways. This project will serve as an educational exhibit to the public which help fulfill the educational component of our Phase II Stormwater Management Program. Federal funds have not been appropriated at this time.

**History and Current Status; Impact if Cancelled or Delayed**  
Staff has identified sites in need of restoration to prevent stream bank erosion. Stream bank erosion is the #1 cause of sedimentation, which is the #1 pollutant in N.C. streams. This project has been listed for several years, engineering project cost estimates were received this spring. Concord will have to provide our 35 percent match for all expenditures to date and from this point forward. Current available funds are sufficient for cost expected through June 2010.

<b>Section 3 Project Costs</b>							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.		1,150,000					1,150,000
Land / ROW / Acquisition		1,776,000					1,776,000
Clear / Grade / Site Prep							-
Building / Utility Constr.		3,342,000					3,342,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	<b>6,268,000</b>	-	-	-	-	<b>6,268,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>6,268,000</b>	-	-	-	-	<b>6,268,000</b>

<b>Section 4 New or Additional Impact on Operating Budget</b>							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5 Method(s) of Financing</b>							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue		1,025,500					1,025,500
State Funding		1,954,500					1,954,500
Federal Funding		3,288,000					3,288,000
<b>Total Program Financing</b>	-	<b>6,268,000</b>	-	-	-	-	<b>6,268,000</b>

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>
			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Melrose Avenue Culvert				Budget Unit #:	7100	
Budget Unit:	Stormwater Services	Functional Area:			Stormwater	Priority Rank:	6	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
156,000		-	-	156,000	-	-	<input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	

<b>Section 2</b>	<b>Description of Capital Item</b>
	Replacement of aging infrastructure. The bottom of existing corrugated metal pipe is disintegrated and future degradation to stream is possible if not replaced.


<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>
Proactive response to replace failing infrastructure.

<b>History and Current Status; Impact if Cancelled or Delayed</b>

<b>Section 3</b>	<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
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							-
<b>Total Capital Cost Est.</b>	-	-	156,000	-	-	-	156,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	156,000	-	-	-	156,000

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-


<b>Section 5</b>	<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue			156,000				156,000
							-
							-
<b>Total Program Financing</b>	-	-	156,000	-	-	-	156,000

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>
			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Princess Street & Crowell Drive Culvert				Budget Unit #: 7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank: 7	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
156,000		-	-	156,000	-	-	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
Currently has two undersized pipes with a headwall that needs to be upsized to allow for proper drainage in this area.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
Proactive response to eliminate future roadway flooding and maintain adequate drainage through the system.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
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							-
<b>Total Capital Cost Est.</b>	-	-	156,000	-	-	-	156,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	156,000	-	-	-	156,000
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue			156,000				156,000
							-
							-
<b>Total Program Financing</b>	-	-	156,000	-	-	-	156,000
<b>Section 6</b>				<b>Section 7</b>			
<b>Maps / Charts / Tables / Pictures</b>				<b>Comments for Other Depts.</b>			

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: James St. Culvert					Budget Unit #:	7100
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank:	8	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
156,000		-	-	156,000	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Replacement of aging infrastructure. Headwall has begun to fail due to age. Bottom of Corrugated Metal Pipe has disintegrated and future degradation can be expected. Narrow roadway and absence of guardrail will require acquisition of additional right-of-way to bring future replacement up to acceptable traffic safety standards.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Proactive response to replace failing infrastructure to avoid structural failure and other possible stream damage.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
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							-	
<b>Total Capital Cost Est.</b>	-	-	156,000	-	-	-	156,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	156,000	-	-	-	156,000	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue			156,000				156,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	156,000	-	-	-	156,000	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>
								

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Fleetwood Drainage Improvements				Budget Unit #:	7100	
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank:	9	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
510,000		-	-	-	110,000	400,000		

**Section 2**      **Description of Capital Item**

Engineering analysis of drainage patterns and development of alternatives to address drainage and flooding problems in the Fleetwood-Highland area of Concord. This area has a history of poor drainage, which leaves standing water for long periods of time. Drainage improvements would potentially move flooding downstream.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

The Fleetwood neighborhood has been subject to flooding into crawl spaces and standing water during heavy rains for many years. This project is an example of how the stormwater utility can address neighborhood drainage and flooding problems and enhance their quality of life.

**History and Current Status; Impact if Cancelled or Delayed**

Localized flooding will continue in this neighborhood during heavy rains.

<b>Section 3</b> <b>Project Costs</b>							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.				60,000			<b>60,000</b>
Land / ROW / Acquisition				50,000			<b>50,000</b>
Clear / Grade / Site Prep							-
Building / Utility Constr.					400,000		<b>400,000</b>
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	<b>110,000</b>	<b>400,000</b>	-	<b>510,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	<b>110,000</b>	<b>400,000</b>	-	<b>510,000</b>

<b>Section 4</b> <b>New or Additional Impact on Operating Budget</b>							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5</b> <b>Method(s) of Financing</b>							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue				110,000	400,000		<b>510,000</b>
							-
							-
<b>Total Program Financing</b>	-	-	-	<b>110,000</b>	<b>400,000</b>	-	<b>510,000</b>

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**


<b>Section 1</b>		Project Title: Spring Street Culvert Replacement				Budget Unit #:	7100
Budget Unit: Stormwater Services		Functional Area: Stormwater				Priority Rank:	10
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
156,000		-	-	-	-	156,000	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required

<b>Section 2</b>		<b>Description of Capital Item</b>					
Replacement of stone culvert under the street.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
Proactive response to upgrade stormwater drainage structure.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							

<b>Section 3</b>		<b>Project Costs</b>					
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
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							-
<b>Total Capital Cost Est.</b>	-	-	-	-	156,000	-	156,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	156,000	-	156,000

<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>					
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5</b>		<b>Method(s) of Financing</b>					
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue					156,000		156,000
<b>Total Program Financing</b>	-	-	-	-	156,000	-	156,000

<b>Section 6</b>			<b>Maps / Charts / Tables / Pictures</b>			<b>Section 7</b>		<b>Comments for Other Depts.</b>	
									

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Replace Unit E-206 Bucket Truck				Budget Unit #: 7240	
Budget Unit: Construction Overhead		Functional Area: Electric System				Priority Rank: 1	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
105,000		105,000	-	-	-	-	

<b>Section 2</b>		<b>Description of Capital Item</b>					
Replace Unit E-206, a 2005 Ford 17,500 GVWR Bucket Truck, w/ 43' working height.							

<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
This unit is used daily as a "first responder" vehicle to address customers' requests for services. This unit is also used by on call Electric Systems personnel after normal duty hours. This replacement is needed to insure timely response to customers during emergencies and power outages.							

<b>History and Current Status; Impact if Cancelled or Delayed</b>							
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.							

<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus	105,000						105,000	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	<b>105,000</b>	-	-	-	-	-	<b>105,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	<b>105,000</b>	-	-	-	-	-	<b>105,000</b>	

<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	

<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue	105,000						105,000	
							-	
							-	
<b>Total Program Financing</b>	<b>105,000</b>	-	-	-	-	-	<b>105,000</b>	

<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>			<b>Section 7</b>			<b>Comments for Other Depts.</b>
								



**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Replace Unit E-299 - Tree Trimming Bucket Truck				Budget Unit #:	7230	
Budget Unit: Line Clearance Tree Trimming		Functional Area: Electric System				Priority Rank:	3	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
185,000		-	185,000	-	-	-	<input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	

<b>Section 2</b>	<b>Description of Capital Item</b>
Replace Unit E-299, Tree Bucket with Chip Box, 70' working height (60' boom with a ten foot elevation)	

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

This unit is used daily by Tree Trimming personnel to clear trees and limbs from the City's electric rights of way. This replacement is needed to continue to provide a quality and reliable power source.

**History and Current Status; Impact if Cancelled or Delayed**

This unit was a total loss due to an accident early January of 2008. This is to replace a versatile vehicle in our tree trimming fleet. Final recommendation for replacement are evaluated by Electric Systems staff and the Fleet Services Director.

<b>Section 3</b>	<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus		185,000					185,000
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	185,000	-	-	-	-	185,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	185,000	-	-	-	-	185,000

<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5</b>	<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue		185,000					185,000
<b>Total Program Financing</b>	-	185,000	-	-	-	-	185,000

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>
			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: 65 foot General Line Truck				Budget Unit #:	7240	
Budget Unit: Construction - UG & OH		Functional Area: Electric System			Priority Rank: 4			
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
290,000			-	290,000	-	-		

**Section 2** **Description of Capital Item**  
65 foot General Line truck to maintain the City's 100 KV transmission system.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
The purchase of this Line Truck is needed to maintain the 100 KV transmission system. Many of the steel poles that comprise the City's 100 KV transmission system exceed 100 ft in length and cannot be handled with existing line trucks. This unit could also be used for setting of our large underground pad mounted transformers which we currently use a contract crane service.

**History and Current Status; Impact if Cancelled or Delayed**  
This unit has previously been identified for purchase via the CIP process.

<b>Section 3 Project Costs</b>							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus			290,000				290,000
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	290,000	-	-	-	290,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	290,000	-	-	-	290,000

<b>Section 4 New or Additional Impact on Operating Budget</b>							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5 Method(s) of Financing</b>							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue			290,000				290,000
							-
							-
<b>Total Program Financing</b>	-	-	290,000	-	-	-	290,000

<b>Section 6</b> <b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b> <b>Comments for Other Depts.</b>
	



**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: System Power Factor Correction				Budget Unit #:	7240	
Budget Unit: Construction - Overhead		Functional Area: Electric System				Priority Rank:	6	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project:
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
300,000			150,000	150,000	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required		

**Section 2** Description of Capital Item

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

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

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 and avoids penalties for poor power factor that are included in Rate Schedule 10-A. Improving system power factor is to be accomplished by installation of fixed and switched capacitance banks at strategic locations within the electric systems.


**History and Current Status; Impact if Cancelled or Delayed**

This project had been proposed as a three year project. Phase I was funded in the FY '02-'03 Operating Budget. The first phase installation has occurred during FY '03-'04. Final capacitance applications will need to occur after the completion of the planned 100Kv conversion of several substations.

Section 3 Project Costs							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.			20,000	20,000			40,000
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus							-
Light Equip. / Furniture			130,000	130,000			260,000
<b>Total Capital Cost Est.</b>	-	-	150,000	150,000	-	-	300,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	150,000	150,000	-	-	300,000

Section 4 New or Additional Impact on Operating Budget							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

Section 5 Method(s) of Financing							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue			150,000	150,000			300,000
<b>Total Program Financing</b>	-	-	150,000	150,000	-	-	300,000

<b>Section 6</b>	Maps / Charts / Tables / Pictures	<b>Section 7</b>	Comments for Other Depts.
			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Construction Of New Delivery No. 4 and 100 KV Interconnect				Budget Unit #: 7250	
Budget Unit: Electrical Engineering		Functional Area: Electric Systems				Priority Rank: 7	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:
7,071,102			-	7,071,102	-	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required

**Section 2 Description of Capital Item**  
 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.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 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.

**History and Current Status; Impact if Cancelled or Delayed**  
 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.

<b>Section 3 Project Costs</b>							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.			286,002				286,002
Land / ROW / Acquisition			1,065,050				1,065,050
Clear / Grade / Site Prep							-
Building / Utility Constr.			5,720,050				5,720,050
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	7,071,102	-	-	-	7,071,102
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	7,071,102	-	-	-	7,071,102

<b>Section 4 New or Additional Impact on Operating Budget</b>							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5 Method(s) of Financing</b>							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Revenue Bonds			7,071,102				7,071,102
							-
							-
<b>Total Program Financing</b>	-	-	7,071,102	-	-	-	7,071,102

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Add Second Bay to Substation K					Budget Unit #: 7250	
Budget Unit: Electric Engineering		Functional Area: Electric Systems				Priority Rank: 8		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
2,501,373		-	-	-	2,501,373	-	<input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
This project consists of a single-bay 100 KV electric substation, to be built adjacent to the existing substation in International Business Park.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
International Business Park is currently served from one single-bay 100 KV electric substation. Addition of future tenants in IBP will soon exceed the capacity of the existing substation. The City has purchased adjacent property. This project will provide a duplicate of the existing substation w/ an interconnecting 13 KV buss. This will provide additional capacity, as required to meet anticipated load growth. The interconnecting buss will provide a redundant source of power during emergency situations, greatly enhancing electric service reliability within IBP.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
The City's Electric System infrastructure is currently on a ten-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.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.				119,113			119,113	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				2,382,260			2,382,260	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	<b>2,501,373</b>	-	-	<b>2,501,373</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	<b>2,501,373</b>	-	-	<b>2,501,373</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds				2,501,373			2,501,373	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	<b>2,501,373</b>	-	-	<b>2,501,373</b>	
<b>Section 6</b>					<b>Section 7</b>		<b>Comments for Other Depts.</b>	
Maps / Charts / Tables / Pictures								

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Construction of 100 KV Sub @ Del 4 Site					Budget Unit #:	7250
Budget Unit: Electrical Engineering		Functional Area: Electric Systems				Priority Rank:	9	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
5,044,444			-	-	5,044,444	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
This project consists of construction of a 100 KV/13 KV dual bay electric substation, on the same site that houses Delivery # 4.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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 a 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 service provided to our customers.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
This project is a component of a 10- year plan to update and improve the systems infrastructure. This project will allow for better switching ability while also addressing load growth in the area.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.				233,068			233,068	
Land / ROW / Acquisition				150,000			150,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				4,661,376			4,661,376	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	<b>5,044,444</b>	-	-	<b>5,044,444</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	<b>5,044,444</b>	-	-	<b>5,044,444</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds				5,044,444			5,044,444	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	<b>5,044,444</b>	-	-	<b>5,044,444</b>	
<b>Section 6</b>				<b>Maps / Charts / Tables / Pictures</b>		<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		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: 10	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
2,689,350		-	-	-	2,689,350	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required

**Section 2 Description of Capital Item**

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. Annexations and subsequent development along the Hwy 40/Hwy 601 corridor are pushing the capacity of existing distribution circuits. The new substation will relieve the loading on adjacent substations and will address the future load growth expected in the area.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

The city's growth to the southeast through planned annexations and development is anticipated to exceed current capacity in the area. A new 44KV substation in the NC49-US601 area 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.

**History and Current Status; Impact if Cancelled or Delayed**

This is a component in a ten year plan to update and improve our electric infrastructure. The southeastern portion of the city's service area is now growing faster than anticipated and a new substation is needed now to meet the expected demand. Delaying this project will severely limit the city's ability to serve new customers.

**Section 3 Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.				122,350			122,350
Land / ROW / Acquisition				120,000			120,000
Clear / Grade / Site Prep							-
Building / Utility Constr.				2,447,000			2,447,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	<b>2,689,350</b>	-	-	<b>2,689,350</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	<b>2,689,350</b>	-	-	<b>2,689,350</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Revenue Bonds				2,689,350			2,689,350
							-
							-
<b>Total Program Financing</b>	-	-	-	<b>2,689,350</b>	-	-	<b>2,689,350</b>


<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**


<b>Section 1</b>			Project Title: Conversion of Substation H to 100 KV				Budget Unit #:	7250
Budget Unit: Electric Engineering		Functional Area: Electric Engineering				Priority Rank:		11
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
3,179,796		-	-	-	-	3,179,796		
<b>Section 2</b>								
<b>Description of Capital Item</b>								
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.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
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.								
<b>Section 3</b>								
<b>Project Costs</b>								
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.					134,503		134,503	
Land / ROW / Acquisition					355,215		355,215	
Clear / Grade / Site Prep							-	
Building / Utility Constr.					2,690,078		2,690,078	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	3,179,796	-	3,179,796	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	3,179,796	-	3,179,796	
<b>Section 4</b>								
<b>New or Additional Impact on Operating Budget</b>								
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>								
<b>Method(s) of Financing</b>								
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds					3,179,796		3,179,796	
<b>Total Program Financing</b>	-	-	-	-	3,179,796	-	3,179,796	
<b>Section 6</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>		
Maps / Charts / Tables / Pictures								




**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Replace Unit E-239 Line Truck 4X4				Budget Unit #: 7240	
Budget Unit: Construction Overhead		Functional Area: Electric System		Priority Rank: 13			
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
225,000			-	-	225,000	-	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
Replace Unit E-239, a 2003 International 37,000 GVWR Line Truck, w/ 45' working height.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
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 site. This replacement is needed to continue to provide a quality and reliable power source.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
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.							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
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							-
<b>Total Capital Cost Est.</b>	-	-	-	225,000	-	-	225,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	225,000	-	-	225,000
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue				225,000			225,000
							-
							-
<b>Total Program Financing</b>	-	-	-	225,000	-	-	225,000
<b>Section 6</b>				<b>Section 7</b>			
Maps / Charts / Tables / Pictures				Comments for Other Depts.			
							


**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Replace E-256 Line Truck					Budget Unit #: 7240	
Budget Unit: Electric Construction		Functional Area: Electric Systems					Priority Rank: 14	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
250,000		-	-	-	-	250,000	<input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
Replace Unit E-256. 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, small power transformers and pull trailers with heavy equipment to job sites.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
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. Impact of delay would be repair cost, down time and a slower service to customers.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus					250,000		250,000	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	250,000	-	250,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	250,000	-	250,000	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue					250,000		250,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	250,000	-	250,000	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>					<b>Section 7</b>	
							<b>Comments for Other Depts.</b>	

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Replace Unit E-302 Bucket 65 ft Bucket					Budget Unit #: 7240	
Budget Unit: Construction Overhead		Functional Area: Electric System				Priority Rank: 15		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
210,000			-	-	210,000	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Replace Unit E-302, a 2004 International 35,000 GVWR Bucket Truck, w/ 65' working height.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
This unit is used daily by electric line construction and maintenance personnel. It is used to set small power transformers, pull wire, and tow equipment and materials to job site. This replacement is needed to continue to provide a quality and reliable power source.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
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.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
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							-	
<b>Total Capital Cost Est.</b>	-	-	-	210,000	-	-	210,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	210,000	-	-	210,000	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue				210,000			210,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	210,000	-	-	210,000	
<b>Section 6</b>				<b>Maps / Charts / Tables / Pictures</b>			<b>Section 7</b>	
								

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Replace E-222 Line Truck				Budget Unit #: 7240	
Budget Unit: Electric Construction		Functional Area: Electric Systems				Priority Rank: 16	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
250,000		-	-	-	-	250,000	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
Replace Unit E-222. 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.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
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.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
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. Impact of delay would be repair cost, down time and a slower service to customers.							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus						250,000	250,000
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	250,000	250,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	250,000	250,000
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-		-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue						250,000	250,000
<b>Total Program Financing</b>	-	-	-	-	-	250,000	250,000
<b>Section 6</b>						<b>Section 7</b>	
<b>Maps / Charts / Tables / Pictures</b>						<b>Comments for Other Depts.</b>	
							

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Yadkin Waterline Connection				Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 1	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
16,800,000	3,181,400	-	1,800,000	15,000,000	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b> Description of Capital Item							
This project requires 16 miles of 30" and 2.4 miles of 18" water line to connect with the Yadkin water system.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
Since the City has secured the IBT certification, this connection is necessary to secure water from the Yadkin River Basin.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
<b>Section 3</b> Project Costs							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.		800,000					800,000
Land / ROW / Acquisition		1,000,000					1,000,000
Clear / Grade / Site Prep							-
Building / Utility Constr.			15,000,000				15,000,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	<b>1,800,000</b>	<b>15,000,000</b>	-	-	-	<b>16,800,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>1,800,000</b>	<b>15,000,000</b>	-	-	-	<b>16,800,000</b>
<b>Section 4</b> New or Additional Impact on Operating Budget							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b> Method(s) of Financing							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Future Revenue Bonds		1,800,000	15,000,000				16,800,000
							-
							-
<b>Total Program Financing</b>	-	<b>1,800,000</b>	<b>15,000,000</b>	-	-	-	<b>16,800,000</b>
<b>Section 6</b> Maps / Charts / Tables / Pictures				<b>Section 7</b> Comments for Other Depts.			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Long Avenue Waterline Replacement				Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 2	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
245,000		245,000	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>		Description of Capital Item					
Replacement of approximately 1,500' of 6" waterline.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
Replace aging infrastructure.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
First request. Cancellation will result in increased maintenance.							
<b>Section 3</b>		Project Costs					
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.	245,000						245,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	<b>245,000</b>	-	-	-	-	-	<b>245,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	<b>245,000</b>	-	-	-	-	-	<b>245,000</b>
<b>Section 4</b>		New or Additional Impact on Operating Budget					
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>		Method(s) of Financing					
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue	245,000						245,000
							-
							-
<b>Total Program Financing</b>	<b>245,000</b>	-	-	-	-	-	<b>245,000</b>
<b>Section 6</b>					<b>Section 7</b>		
Maps / Charts / Tables / Pictures					Comments for Other Depts.		

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Waterline Replacement at Poplar Tent Road Bridge				Budget Unit #: 7340		
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources		Priority Rank: 3				
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
267,000		-	267,000	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
NCDOT project for 1,900 feet of 24" waterline relocation for the bridge replacement on Poplar Tent Road.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
NCDOT is constructing a new bridge on Poplar Tent Rd. and the existing waterline will have to be relocated due to this construction.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
City has entered into a municipal agreement with NCDOT. Cancelling project would breach this agreement.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition		52,000					52,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		215,000					215,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>267,000</b>	-	-	-	-	<b>267,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>267,000</b>	-	-	-	-	<b>267,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		267,000					267,000	
							-	
							-	
<b>Total Program Financing</b>	-	<b>267,000</b>	-	-	-	-	<b>267,000</b>	
<b>Section 6</b>				<b>Section 7</b>				
<b>Maps / Charts / Tables / Pictures</b>				<b>Comments for Other Depts.</b>				

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Waterline Replacement at Burrage Road Bridge Replacement				Budget Unit #: 7340		
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 4		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
112,000		-	112,000	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Relocation of approximately 1,000 feet of 12" water line and 1,100 feet of 6" water line due to the replacement of the Burrage Road Bridge.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
The Burrage Road Bridge is to be replaced and the existing waterline is in conflict.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
City has entered into a municipal agreement with NCDOT. Cancelling project would breach this agreement.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		112,000					112,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>112,000</b>	-	-	-	-	<b>112,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>112,000</b>	-	-	-	-	<b>112,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		112,000					112,000	
							-	
							-	
<b>Total Program Financing</b>	-	<b>112,000</b>	-	-	-	-	<b>112,000</b>	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Poplar Tent to Hwy 73 Waterline Extension				Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 5	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
685,303		-	685,303	-	-	-	

**Section 2** Description of Capital Item  
 This project requires approximately 4,752' of 12" waterline to close the gap on Poplar Tent.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 Developments along Poplar Tent have extended the water line to serve the developments. This project would connect to an existing line which will create a loop and provide better hydraulic flows.

**History and Current Status; Impact if Cancelled or Delayed**

**Section 3** Project Costs

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.		85,563					85,563
Land / ROW / Acquisition		29,500					29,500
Clear / Grade / Site Prep							-
Building / Utility Constr.		570,240					570,240
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	685,303	-	-	-	-	685,303
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	685,303	-	-	-	-	685,303

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue		685,303					685,303
<b>Total Program Financing</b>	-	685,303	-	-	-	-	685,303

<b>Section 6</b>	Maps / Charts / Tables / Pictures	<b>Section 7</b>	Comments for Other Depts.



**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: George Liles Boulevard 24" Waterline Phase 3					Budget Unit #:	7340
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank:	7	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
3,360,500		-	3,360,500	-	-	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
Provide a new 24" waterline from Weddington Road to Roberta Road as part of the NCDOT Westside Bypass Project								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		3,360,500					3,360,500	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>3,360,500</b>	-	-	-	-	<b>3,360,500</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>3,360,500</b>	-	-	-	-	<b>3,360,500</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Future Revenue Bonds		3,360,500					3,360,500	
							-	
							-	
<b>Total Program Financing</b>	-	<b>3,360,500</b>	-	-	-	-	<b>3,360,500</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>	Project Title: Coddle Creek Sludge Handling Facilities					Budget Unit #:	7340
Budget Unit:	Waterlines Oper. & Maint	Functional Area:			Water Resources	Priority Rank:	8
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:
4,860,000		-	-	250,000	-	250,000	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required

**Section 2**      **Description of Capital Item**

This project would provide for a different method of sludge disposal at the Coddle Creek Water Treatment Plant.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

The current method of sludge removal at the plant is two on-site lagoons. These lagoons have been reaching their capacity every other year and require cleaning. This project would create a more permanent solution.

**History and Current Status; Impact if Cancelled or Delayed**

First time on CIP list. Canceling permanent solution would require continuing expenditures of approx. \$250,000 every other year.

**Section 3**      **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.			250,000		250,000	4,360,000	4,860,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	250,000	-	250,000	4,360,000	4,860,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	250,000	-	250,000	4,360,000	4,860,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenues			250,000		250,000		500,000
Future Revenue Bonds						4,360,000	4,360,000
<b>Total Program Financing</b>	-	-	250,000	-	250,000	4,360,000	4,860,000

<b>Section 6</b>	Maps / Charts / Tables / Pictures					<b>Section 7</b>	Comments for Other Depts.

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Hillgrove Reclaimed Water Project/Sludge Removal					Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 9		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
3,425,000		-	-	250,000	1,600,000	1,500,000		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Currently the City is discharging backwash water into the sanitary sewer system. This project will reduce operational costs and increase plant efficiency by reducing WSACC surcharges. This project will set up a process for sludge processing and dewatering.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
This is a recommendation from the Black and Veach water quality analysis report to meet the Safe Drinking Water Act requirements.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
This is the seventh submittal. If delayed, will increase cost for waste treatment surcharges by WSACC.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.			250,000				250,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				1,600,000	1,500,000	75,000	3,175,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	250,000	1,600,000	1,500,000	75,000	3,425,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	250,000	1,600,000	1,500,000	75,000	3,425,000	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Future Revenue Bonds			250,000	1,600,000	1,500,000	75,000	3,425,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	250,000	1,600,000	1,500,000	75,000	3,425,000	
<b>Section 6</b>						<b>Section 7</b>		
Maps / Charts / Tables / Pictures						Comments for Other Depts.		

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Derita Road Water Replacement					Budget Unit #:	7340
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank:	10	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
2,000,000		-	-	-	2,000,000	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Upgrade the existing 16" waterline to a new 24" waterline from Poplar Tent Road to Rocky River as part of the NCDOT TIP project.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
To further enhance system pressure and enable greater volumes of water to be distributed throughout our system more efficiently.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				2,000,000			2,000,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	<b>2,000,000</b>	-	-	<b>2,000,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	<b>2,000,000</b>	-	-	<b>2,000,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Future Revenue Bonds				2,000,000			2,000,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	<b>2,000,000</b>	-	-	<b>2,000,000</b>	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Proposed US 29 Water Tank				Budget Unit #: 7340	
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 11	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
4,800,000		-	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
Construction of a 2 MG elevated water tank to support Concord's current residential and commercial needs in the 850 pressure zone.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
A hydraulic analysis identified a major water storage shortage in the 850 pressure zone. Elevated water storage is needed to sustain the current residential and commercial needs and to provide the infrastructure to support an economic replacement for Phillip Morris. This tank would be located in the vicinity of the existing ground storage tank on US 29 near S&D coffee.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
Project will be funded with future revenue bonds unless grant funding becomes available.							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.						300,000	300,000
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.						4,500,000	4,500,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>4,800,000</b>	<b>4,800,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>4,800,000</b>	<b>4,800,000</b>
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Future Revenue Bonds						4,800,000	4,800,000
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	<b>4,800,000</b>	<b>4,800,000</b>
<b>Section 6</b>					<b>Section 7</b>		
<b>Maps / Charts / Tables / Pictures</b>					<b>Comments for Other Depts.</b>		



**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Goodman Road Annexation Area				Budget Unit #: 7340		
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 13		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
310,000		-	-	-	-	-		
<b>Section 2</b>								
<b>Description of Capital Item</b>								
This project requires approximately 3,000 lf of 12" waterline to serve Goodman Road.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Project will provide water service to a proposed annexation area.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
Area is in 5-year annexation plan and does not currently have water.								
<b>Section 3</b>								
<b>Project Costs</b>								
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						31,000	31,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						279,000	279,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	310,000	310,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	310,000	310,000	
<b>Section 4</b>								
<b>New or Additional Impact on Operating Budget</b>								
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>								
<b>Method(s) of Financing</b>								
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue						310,000	310,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	310,000	310,000	
<b>Section 6</b>						<b>Section 7</b>		
Maps / Charts / Tables / Pictures						Comments for Other Depts.		

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Poplar Trails & Beech Bluff Subdivisions				Budget Unit #: 7340		
Budget Unit: Waterlines Oper. & Maint		Functional Area: Water Resources				Priority Rank: 14		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
2,500,000		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
This project requires approximately 3,500 lf of 2" waterline, 7,500 lf of 6" water line and 19,000 of 8" water line to serve Poplar Trails and Beech Bluff subdivisions along Poplar Tent Road.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Project will provide water service to a proposed annexation area.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
Area is in 5-year annexation plan and does not currently have water.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						250,000	250,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						2,250,000	2,250,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	2,500,000	2,500,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	2,500,000	2,500,000	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue						2,500,000	2,500,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	2,500,000	2,500,000	
<b>Section 6</b>						<b>Section 7</b>		
Maps / Charts / Tables / Pictures						Comments for Other Depts.		

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Havencrest Outfall Replacement				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	1	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
930,100		-	477,600	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
<p>Due to the development within the COD 3900SW basin, the main outfall needs to be upgraded to support future development. For the purpose of this request, the outfall replacement will be broken down into three phases. Phase I will be the replacement of approximately 2,000 lf 15 or 18" pipe from the interceptor to Havencrest Drive. Phase II will be the replacement of approximately 2,300lf 10" or 12" in Havencrest up to manhole 231-2127. Phase III will be a new gravity sewer from manhole 231-2120 that will extend approximately 3,500 lf of gravity sewer to Poplar Tent Road to provide a line sized to accommodate the development of Woodhaven Place (Concord Gateway). This should be a project funded by the developer.</p>								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
The current infrastructure is undersized to accommodate future development within this basin. Based on the City's modeling and growth projections, most if not all of the pipe in this 4,300lf in phases I & II needs to be replaced.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
The Wastewater staff has monitored flows in this outfall during dry weather events. We found that during these conditions, the pipe is near capacity and there is little I&I impact to the monitored flow.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		27,600				52,500	80,100	
Land / ROW / Acquisition		20,000				50,000	70,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		430,000				350,000	780,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>477,600</b>	-	-	-	<b>452,500</b>	<b>930,100</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>477,600</b>	-	-	-	<b>452,500</b>	<b>930,100</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operations		477,600					477,600	
Revenue Bonds						452,500	452,500	
<b>Total Program Financing</b>	-	<b>477,600</b>	-	-	-	<b>452,500</b>	<b>930,100</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Franklin Sewer Replacement				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	2	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
316,000		-	316,000	-	-	-	<input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	

**Section 2**      **Description of Capital Item**

Replace approximately 950 lf of 12" gravity sewer that is inaccessible and in some cases lays beneath a couple of homes on Franklin Avenue. The project will also tie over approximately 20 homes to the new system.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

Due to issues with not being able to adequately access the existing sewer main and that portions of the main lay under homes, staff has worked on numerous alternatives. We have found the best way to eliminate the current issues if to move the new main into the street.

**History and Current Status; Impact if Cancelled or Delayed**

**Section 3**      **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition		20,000					20,000
Clear / Grade / Site Prep							-
Building / Utility Constr.		296,000					296,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	<b>316,000</b>	-	-	-	-	<b>316,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>316,000</b>	-	-	-	-	<b>316,000</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operations		316,000					316,000
<b>Total Program Financing</b>	-	<b>316,000</b>	-	-	-	-	<b>316,000</b>

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Highland Creek Elrond Drive Outfall					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	3	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
233,000		-	233,000	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
<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 2,000 lf of 12" gravity sewer.</p>								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
<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>								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		24,000					24,000	
Land / ROW / Acquisition		9,000					9,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		200,000					200,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>233,000</b>	-	-	-	-	<b>233,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>233,000</b>	-	-	-	-	<b>233,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		233,000					233,000	
							-	
							-	
<b>Total Program Financing</b>	-	<b>233,000</b>	-	-	-	-	<b>233,000</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Hendrick Outfall Upgrade					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	4	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
431,000		-	431,000	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Replace approximately 1,100 linear feet of gravity sewer with a line sized 15" to 18" to accommodate new development in this area.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Based on flow meter readings, the current pipe is close to being at capacity according to our design criteria. Before any significant flow can be added to this line, there must be an upgrade. Due to current financial conditions, we have recommended pushing this project off until such time as new development will require additional capacity.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		13,200					13,200	
Land / ROW / Acquisition		26,000					26,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.		391,800					391,800	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>431,000</b>	-	-	-	-	<b>431,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>431,000</b>	-	-	-	-	<b>431,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		431,000					431,000	
							-	
							-	
<b>Total Program Financing</b>	-	<b>431,000</b>	-	-	-	-	<b>431,000</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Great Road Outfall Upgrade					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	5	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
1,068,250		-	1,068,250	-	-	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
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.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
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							-	
<b>Total Capital Cost Est.</b>	-	<b>1,068,250</b>	-	-	-	-	<b>1,068,250</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>1,068,250</b>	-	-	-	-	<b>1,068,250</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenues		1,068,250					1,068,250	
							-	
							-	
<b>Total Program Financing</b>	-	<b>1,068,250</b>	-	-	-	-	<b>1,068,250</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>	Project Title: Roberta Woods Pump Station Elimination		Budget Unit #: 7420					
Budget Unit: Sewer Oper & Maintenance	Functional Area: Wastewater Resources		Priority Rank: 6					
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years			Council District (if any):		
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
598,000		-	598,000	-	-	-		
<b>Section 2</b>	<b>Description of Capital Item</b>							
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.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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 all needs to work in concert with the accelerated Westside Bypass project slated for construction in 2011.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
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 fwchich is above the Bypass and then upgrade the gravity line from the Bypass to Coddle Creek.								
<b>Section 3</b>	<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
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							-	
<b>Total Capital Cost Est.</b>	-	598,000	-	-	-	-	598,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	598,000	-	-	-	-	598,000	
<b>Section 4</b>	<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>	<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		598,000					598,000	
							-	
							-	
<b>Total Program Financing</b>	-	598,000	-	-	-	-	598,000	
<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>			<b>Section 7</b>	<b>Comments for Other Depts.</b>			

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Irish Buffalo to Zion Church Road Phase II				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 7	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
422,000		-	422,000	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>		<b>Description of Capital Item</b>					
Replace approximately 2,800 lf gravity sewer with 18" and 24" gravity sewer. Since this is an upgrade of the existing system, we anticipate we will be able to use much of the existing right of way. There should be approximately 1.0 acre of easement required.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
Based on the City's flow monitoring program, this basin has been prioritized as one of our more critical basins. Due to the age of the system and inadequate pipe size, this portion of the system is close to being at capacity during rain events.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
Phase I of this project was bid early in fiscal year 2009. Due to exceptionally good prices, staff requested a budget amendment to have this project built.							
<b>Section 3</b>		<b>Project Costs</b>					
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.		42,000					42,000
Land / ROW / Acquisition		30,000					30,000
Clear / Grade / Site Prep							-
Building / Utility Constr.		350,000					350,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	<b>422,000</b>	-	-	-	-	<b>422,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>422,000</b>	-	-	-	-	<b>422,000</b>
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>					
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>		<b>Method(s) of Financing</b>					
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue		422,000					422,000
							-
							-
<b>Total Program Financing</b>	-	<b>422,000</b>	-	-	-	-	<b>422,000</b>
<b>Section 6</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>	
Maps / Charts / Tables / Pictures							

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Jet Vac Truck Replacement					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	8	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
300,000		-	300,000	-	-	-	<input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
Replace unit S-637 in FY '10-'11. This truck was purchased in 1999 and has been in service for 10 years.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Based on our past performance and maintenance records, experience has shown that 10-years is about the end of the efficient operation cycle for this piece of equipment. In order to keep this piece of equipment operational beyond 10-years, significant overhauls would be required to ensure reliability.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
Recently this truck has started showing its age. We have had to replace the front springs hangers and bushings. We also had to rebuild the water pump. The debris body is in need of major repair and the rear seal of the back gate leaks when the debris tank is half full.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus		300,000					300,000	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	<b>300,000</b>	-	-	-	-	<b>300,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	<b>300,000</b>	-	-	-	-	<b>300,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		300,000					300,000	
							-	
							-	
<b>Total Program Financing</b>	-	<b>300,000</b>	-	-	-	-	<b>300,000</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Poplar Trails Outfall Extension				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	9	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
738,000		-	25,000	369,000	344,000	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	

**Section 2 Description of Capital Item**

Since this project was originally planned, some minor changes have occurred in the off-site alignment and sizing. In an effort to avoid a pristine wetland we have moved the lower part of the connection further upstream on the WSACC line. We are also crossing Rocky River in one location opposed to two locations. We are bumping the lower pipe size to 18". There will still be approximately 8,500lf of off-site sewer that the City and the developer will split the cost 50/50 over a two-year period.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

In early 2007, the City executed an agreement with the property owners of the "Magland" Quail Haven development. The purpose of the agreement is for the elimination of the two sanitary sewer pump stations that serves the Poplar Woods subdivision. The City's financial participation will only apply toward the portion of the off-site work that will eliminate the pump stations.

**History and Current Status; Impact if Cancelled or Delayed**

The City has worked with many developers over the years to eliminate the Poplar Woods pump stations. The Magland owners entered into a contract to jointly participate in a project for the off-site sewer. In December '07, the owners engineer had completed the last parts of the off-site drawings for review. We have combined another off-site line the developer is paying for 100% with the line the City is financially participating in. This will only require one river crossing.

**Section 3 Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.			44,000	44,000			88,000
Land / ROW / Acquisition		25,000	50,000	25,000			100,000
Clear / Grade / Site Prep							-
Building / Utility Constr.			275,000	275,000			550,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	25,000	369,000	344,000	-	-	738,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	25,000	369,000	344,000	-	-	738,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Operating Revenue		25,000					25,000
Revenue Bonds			369,000	344,000			713,000
<b>Total Program Financing</b>	-	25,000	369,000	344,000	-	-	738,000

**Section 6 Maps / Charts / Tables / Pictures**      **Section 7 Comments for Other Depts.**

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**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: C. C. Griffin Middle School Pump Station Elimination				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	10	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
297,600		-	-	297,600	-	-		
<b>Section 2</b>								
<b>Description of Capital Item</b>								
As part of the Wastewater Department's on-going effort to eliminate pump stations, we have developed plans to extend approximately 2,300 lf of gravity sewer from the confluence of Reedy/Caldwell creeks to the C. C. Griffin Middle School pump station. This project will not be constructed until sometime after 2009 when WSACC will have the Reedy Creek interceptor and lift station are built and have provided Concord a connection point.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
This project will eliminate the pump station serving the C. C. Griffin Middle School.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
As the Reedy Creek interceptor project was being planned, Concord made provisions for direct access to the proposed interceptor that was to have been installed on the school property. Since then, it was determined that extending the interceptor to the confluence of Rocky River was far too expensive considering the way Reedy Creek wound through the properties. However, WSACC has agreed to provide service at Caldwell Creek that we can get to from the school.								
<b>Section 3</b>								
<b>Project Costs</b>								
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.			27,600				27,600	
Land / ROW / Acquisition			40,000				40,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.			230,000				230,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	<b>297,600</b>	-	-	-	<b>297,600</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	<b>297,600</b>	-	-	-	<b>297,600</b>	
<b>Section 4</b>								
<b>New or Additional Impact on Operating Budget</b>								
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>								
<b>Method(s) of Financing</b>								
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue			297,600				297,600	
							-	
							-	
<b>Total Program Financing</b>	-	-	<b>297,600</b>	-	-	-	<b>297,600</b>	
<b>Section 6</b>				<b>Section 7</b>				
<b>Maps / Charts / Tables / Pictures</b>				<b>Comments for Other Depts.</b>				

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Ruben Linker Pump Station Elimination				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 11	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
615,000		-	-	615,000	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
As part of the City's on-going effort to eliminate sanitary sewer pump stations, we are looking for opportunities to build gravity sewer system to allow us to accomplish this. We would need to have a line built that could support the whole basin once the Ruben Linker station is eliminated. Staff feels that a revised alignment of the Ervin outfall would be required. This would eliminate the need of the existing sewer easement along Weddington Road. We estimate approximately 3,500 lf of 12" or 15" gravity sewer would be required. We will need approximately 4 acres of easement.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
In keeping with the City's plan to eliminate sanitary sewer pump stations, staff would request we look for opportunities to partner with developers looking to develop property in this area. This would reduce the City's cost for such infrastructure and allow us the ability to remove the Ruben Linker pump station from service.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
As a part of the '95 annexation, the City built the Ruben Linker pump station to meet the needs of the residents along Ruben Linker Road. As part of the same annexation, an easement was obtained on the Ervin property that is not in the best location to serve the whole area. Therefore, staff recommends working with whomever develops the Ervin tract and providing a more appropriate route along the I-85 corridor.							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.			52,500				52,500
Land / ROW / Acquisition			125,000				125,000
Clear / Grade / Site Prep							-
Building / Utility Constr.			437,500				437,500
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	615,000	-	-	-	615,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	615,000	-	-	-	615,000
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Revenue Bonds			615,000				615,000
							-
							-
<b>Total Program Financing</b>	-	-	615,000	-	-	-	615,000
<b>Section 6</b>				<b>Section 7</b>			
<b>Maps / Charts / Tables / Pictures</b>				<b>Comments for Other Depts.</b>			

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Braxton Estates Upsize				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 12	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
490,000		-	-	490,000	-	-	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>		<b>Description of Capital Item</b>					
<p>Replace approximately 3,500 LF of 8" outfall with 15" outfall. There is currently no capacity available for additional service. This CIP would replace the outfall from Irish Buffalo Creek to a point just above the pond in Braxton Estates. It is anticipated there will be approximately 1.5 acres of easement required.</p>							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
<p>During significant rain events, we have no sewer capacity remaining in the existing Braxton Outfall. We will need to keep on top of the I&amp;I issues in this basin until such time as this outfall can be upgraded. Staff would recommend charging future developments the cost for this outfall upgrade.</p>							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
<p>During the winter of '05, staff conducted flow monitoring in this basin. We experienced very high flows in this outfall during rain events.</p>							
<b>Section 3</b>		<b>Project Costs</b>					
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.			52,500				52,500
Land / ROW / Acquisition			35,000				35,000
Clear / Grade / Site Prep							-
Building / Utility Constr.			402,500				402,500
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	<b>490,000</b>	-	-	-	<b>490,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	<b>490,000</b>	-	-	-	<b>490,000</b>
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>					
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>		<b>Method(s) of Financing</b>					
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue			490,000				490,000
							-
							-
<b>Total Program Financing</b>	-	-	<b>490,000</b>	-	-	-	<b>490,000</b>
<b>Section 6</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>	
Maps / Charts / Tables / Pictures							

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: George Liles Outfall Upgrade (COD4000NE)					Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources					Priority Rank: 13	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
271,500		-	-	-	271,500	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Replace approximately 2,100 lf of existing 8" gravity sewer with either a 12" or 15" gravity main in order to provide capacity for future development.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
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.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
Concord has already had NCDOT upgrade the crossing under George Liles to a 12" main and this payment was made in 2008.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.				31,500			31,500	
Land / ROW / Acquisition				30,000			30,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.				210,000			210,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	271,500	-	-	271,500	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	271,500	-	-	271,500	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue				271,500			271,500	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	271,500	-	-	271,500	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			



**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>			Project Title: Stricker Branch Replacement McGill to Hwy. 29				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 15		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
938,000		-	-	-	-	-	-	<input checked="checked" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>								
<b>Description of Capital Item</b>								
Replace approximately 3,500 linear feet of 30" concrete pipe with a similar size PVC pipe.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
The Wastewater Department has been concerned about pipe failure and I&I issues along this reach of outfall for several years. Replacing this outfall will help eliminate conflicts with the stream restoration project, improve our access for maintenance and most importantly restore our outfall and eliminate I&I concerns.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
Considering the City of Concord is working toward a stream restoration project along Stricker Branch, the Wastewater Department felt we should wait until such time as the restoration project occurred. Our hope is that we can do the stream restoration and outfall replacement at the same time. It appears that with the stream restoration project, all easements will be secured and there will be no need for additional sewer easements for our replacement.								
<b>Section 3</b>								
<b>Project Costs</b>								
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						63,000	63,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						875,000	875,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>938,000</b>	<b>938,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>938,000</b>	<b>938,000</b>	
<b>Section 4</b>								
<b>New or Additional Impact on Operating Budget</b>								
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>								
<b>Method(s) of Financing</b>								
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue						938,000	938,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>938,000</b>	<b>938,000</b>	
<b>Section 6</b>						<b>Section 7</b>		
<b>Maps / Charts / Tables / Pictures</b>						<b>Comments for Other Depts.</b>		

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Zion Church Road/Hallstead Outfall					Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources					Priority Rank: 16	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
666,250		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Based on the information we have from the basin analysis that was performed for the IBC 1600 SW, the existing outfall needs to be upgraded to a 15" gravity main from the interceptor to Zion Curch Road or approximately 4,450 lf. Additional upstream upgrades may be required in the future.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
With the widening of Hwy. 49 and growth increasing along this corridor, it is reasonable to assume that the population density will dramatically increase. We already have a fairly good size system in place but this CIP is to keep us looking at the effects of the growth and ensure we stay ahead of it and build infrastructure that will meet the future needs.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						80,000	80,000	
Land / ROW / Acquisition						30,000	30,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						556,250	556,250	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>666,250</b>	<b>666,250</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>666,250</b>	<b>666,250</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						666,250	666,250	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>666,250</b>	<b>666,250</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>					<b>Section 7</b>	
							<b>Comments for Other Depts.</b>	

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Aviation Blvd. Outfall Upgrade				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 17	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
879,500		-	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
To ensure future capacity, staff is looking at the possibility of increasing current 3,300 lf of 12" outfall from Aviation Blvd. to Rocky River with a 15" and/or 18" pipe. After, we will need to install approx. 4,000 lf of 12" from Aviation Blvd. to a point where the line crosses the runway. The uncertainty of the most downstream pipe sizing is as a result of not knowing how the area will develop or what flows to expect. Staff recommends waiting until the business park at Aviation Blvd. is completed to get a better idea of future flow projections.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
To allow for adequately sized infrastructure to accommodate future development along the western side of the airport.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.						109,500	109,500
Land / ROW / Acquisition						40,000	40,000
Clear / Grade / Site Prep							-
Building / Utility Constr.						730,000	730,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	879,500	879,500
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	879,500	879,500
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Operating Revenue						879,500	879,500
<b>Total Program Financing</b>	-	-	-	-	-	879,500	879,500
<b>Section 6</b>					<b>Section 7</b>		
Maps / Charts / Tables / Pictures					Comments for Other Depts.		

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Stough Road Annexation				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 18	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
380,000		-	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>		<b>Description of Capital Item</b>					
There still remains approximately 3,000 lf of 8" gravity sewer to install from the 2001 annexation.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
The City has installed much of the sewer from the 2001 annexation. Not knowing what will happen to this area when the Westside Bypass comes through, staff has not recommended installing sewer until the corridor plan is set. Many of the properties along Stough Road are now owned by NCDOT and the City's obligation to serve may now be over as the property may not be redeveloped.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
<b>Section 3</b>		<b>Project Costs</b>					
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.						45,000	45,000
Land / ROW / Acquisition						35,000	35,000
Clear / Grade / Site Prep							-
Building / Utility Constr.						300,000	300,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>380,000</b>	<b>380,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>380,000</b>	<b>380,000</b>
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>					
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>		<b>Method(s) of Financing</b>					
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Revenue Bonds						380,000	380,000
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	<b>380,000</b>	<b>380,000</b>
<b>Section 6</b>					<b>Section 7</b>		
<b>Maps / Charts / Tables / Pictures</b>					<b>Comments for Other Depts.</b>		

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Province Green/Glen Laurel Pump Station Eliminations				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	19	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
652,000		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
3,000 lf of 12" gravity sewer in the first phase that will eliminate the Province Green pump station and 1,800 lf in the second phase that will eliminate the Glen Laurel station.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
In the City's ongoing goal to eliminate sewer pump stations, this is one project we are looking at that will eliminate two stations in a two phase process. We are looking to the Propst property to develop thus allowing the City to have less out of pocket expense. Concord has already made provision with NCDOT for the construction of a gravity main that crosses the bypass that will allow for the elimination of the Glen Laurel station.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
The City has already paid NCDOT the cost for the crossing of the bypass for this outfall. This line was certified and available for use in 2008.								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						72,000	72,000	
Land / ROW / Acquisition						100,000	100,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						480,000	480,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>652,000</b>	<b>652,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>652,000</b>	<b>652,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						652,000	652,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>652,000</b>	<b>652,000</b>	
<b>Section 6</b>					<b>Section 7</b>		<b>Comments for Other Depts.</b>	
Maps / Charts / Tables / Pictures								

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Poplar Trails Street Sewer				Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources			Priority Rank: 20		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
2,223,072		-	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required

**Section 2 Description of Capital Item**

Install approximately 18,204 lf of 8" and 12" gravity sewer. This number has been reduced from original estimates due to the new street sewer Quail Haven will be building along Bayberry Trail to serve the back part of their development. Due to topography, Quiet Cove is not included in this service plan as it will require another river crossing and flow will need to come from the intersections of Bayberry and run to the cul de sac and out to the rear of Poplar Trails. There are approximately 2.5 acres of easements required.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

This is providing information as to the amount of sewer that would be required to serve the remainder of the Poplar Trails subdivision. There are approximately 200 lots in this subdivision. If the City decided to annex this area, this department would request that we use the statutory authority given us and require each lot to connect to City sewer. By doing so at the current tap fee and volume charge, this project would pay for itself in about 19 years.

**History and Current Status; Impact if Cancelled or Delayed**

**Section 3 Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.						327,672	327,672
Land / ROW / Acquisition						75,000	75,000
Clear / Grade / Site Prep							-
Building / Utility Constr.						1,820,400	1,820,400
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>2,223,072</b>	<b>2,223,072</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>2,223,072</b>	<b>2,223,072</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Revenue Bonds						2,223,072	2,223,072
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	<b>2,223,072</b>	<b>2,223,072</b>

**Section 6 Maps / Charts / Tables / Pictures**      **Section 7 Comments for Other Depts.**

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**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Beech Bluff Outfall					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources					Priority Rank:	21
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
343,400		-	-	-	-	-		

**Section 2**      **Description of Capital Item**

To install approximately 2,300 lf of 8" gravity sewer to serve the Beech Bluff subdivision. The City has installed a 12" gravity main to serve the CAT property. The Beech Bluff outfall will connect to the CAT outfall and run to the development.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

The Wastewater Department is providing this CIP as information for the possible future service to the development. Due the limited customer base and the cost of this project, it will be difficult to justify constructing this outfall on a cost recovery basis.

**History and Current Status; Impact if Cancelled or Delayed**

**Section 3**      **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.						41,400	41,400
Land / ROW / Acquisition						72,000	72,000
Clear / Grade / Site Prep							-
Building / Utility Constr.						230,000	230,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>343,400</b>	<b>343,400</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>343,400</b>	<b>343,400</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Revenue Bonds						343,400	343,400
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	<b>343,400</b>	<b>343,400</b>

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Beech Bluff Street Sewer					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	22	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
450,900		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Install approximately 3,000 lf of 8" gravity sewer within the development to serve the 47 residents.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
This CIP is to provide information as to the possible alignment and the cost associated with providing the street sewer to this development. Due to the cost of the off-site and on-site sewer to serve 47 residents, we would have a hard time justifying this project based on our cost analysis.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						54,000	54,000	
Land / ROW / Acquisition						96,900	96,900	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						300,000	300,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>450,900</b>	<b>450,900</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>450,900</b>	<b>450,900</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						450,900	450,900	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>450,900</b>	<b>450,900</b>	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Old Farm Pump Station Elimination					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	23	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
200,600		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Extend approximately 1,200 lf of 8" gravity sewer to eliminate the Old Farm pump station.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
In an effort to eliminate pump stations when gravity sewer is available, staff has developed a plan to remove the Old Farm pump station. There is only one property owner we will have to cross in order to gain access to the future Little Cold Water Creek interceptor. Based on the WSACC CIP this project is not scheduled to begin before 2018.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						21,600	21,600	
Land / ROW / Acquisition						29,000	29,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						150,000	150,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>200,600</b>	<b>200,600</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>200,600</b>	<b>200,600</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue						200,600	200,600	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>200,600</b>	<b>200,600</b>	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			

**City of Concord, North Carolina  
Fiscal Year 2008-09 through 2012-13 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Raccoon Hollow Outfall				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 24	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2008-09	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2009-10	Year 3 FY2010-11	Year 4 FY2011-12	Year 5 FY2012-13	
3,225,242		-	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
As part of the future infrastructure development and to provide infrastructure to eliminate the Raccoon Hollow pump station, staff has developed this CIP to build a major outfall within the CWC 1500 NE basin. It will require 5,900 lf of 15", 5,900 lf of 24" and 2,800 lf of 36". Due to the pipe sizes involved, this project will require a 40 foot easement.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
This outfall will provide gravity sewer service to this basin and will also eliminate the Raccoon Hollow pump station. Utility extension in this basin have been placed on hold as part of the Central Area Plan.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
Although we have had much interest in developing this basin, there is no capacity at the Raccoon Hollow pump station and there is no good way to expand the capacity. Concord has looked at relocating the station to the south of HWY. 49 but the cost were prohibitive. Staff has made arrangements with NCDOT to have a casing, carrier pipe and manholes installed under the Hwy. 49 widening to accommodate the future outfall project.							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2008-09</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.						262,800	262,800
Land / ROW / Acquisition						407,442	407,442
Clear / Grade / Site Prep							-
Building / Utility Constr.						2,555,000	2,555,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	3,225,242	3,225,242
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	3,225,242	3,225,242
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2008-09</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>		<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-		-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2008-09</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>Future \$\$</b>	<b>Total</b>
Revenue Bonds						3,225,242	3,225,242
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	3,225,242	3,225,242
<b>Section 6</b>					<b>Section 7</b>		
<b>Maps / Charts / Tables / Pictures</b>					<b>Comments for Other Depts.</b>		

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Goodman Road Sewer Extension (Annexation)				Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank: 25	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
1,152,000		-	-	-	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
Install approximately 9,000 lf of 8" or 10" gravity sewer. Due to the agreement with Kannapolis which allowed them to annex along I-85 up to Goodman Road, we will now have to install approximately 2,000 lf of gravity sewer without gaining any customer base. Staff will need to explore the possibility of working with Kannapolis on upsizing their system, if possible to eliminate the need for duplicating sewer lines in the same area.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
This will provide sewer service to all of the properties along Goodman Road with the exception of those properties within the City limits of Kannapolis. Due to the amount of sewer required and the limited customer base, this project will most likely not be cost effective.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.						135,000	135,000
Land / ROW / Acquisition						117,000	117,000
Clear / Grade / Site Prep							-
Building / Utility Constr.						900,000	900,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	1,152,000	1,152,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	1,152,000	1,152,000
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Revenue Bonds						1,152,000	1,152,000
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	1,152,000	1,152,000
<b>Section 6</b>					<b>Section 7</b>		
<b>Maps / Charts / Tables / Pictures</b>					<b>Comments for Other Depts.</b>		

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: North Chase/Poplar Tent Sewer Extensions					Budget Unit #: 7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources					Priority Rank: 26	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
567,000		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
<p>Install approximately 4,000 lf of 8" gravity sewer to serve the North Chase subdivision. It is estimated there will be approximately half an acre required for easements. We are also estimating that it will cost approximately \$65,000 to mill and resurface the whole subdivision and this cost if included in the construction cost.</p>								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
<p>There are 44 lots in the North Chase subdivision. Staff would recommend that we use the statutory authority provided and require connections in order for the City to install service within the development. It should also be noted that the cost listed does not include resurfacing the roads as we would have to install the mains in the streets.</p>								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						72,000	72,000	
Land / ROW / Acquisition						30,000	30,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						465,000	465,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	567,000	567,000	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	567,000	567,000	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						567,000	567,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	567,000	567,000	
<b>Section 6</b>					<b>Section 7</b>		<b>Comments for Other Depts.</b>	
Maps / Charts / Tables / Pictures								

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Odell School Road West Area Extensions					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	27	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
4,403,750		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Install approximately 4,700 lf of 12" gravity sewer and 30,550 lf of 8" gravity sewer to service the Odell West area.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
For our future utility services in this area, staff has estimated the quantity and alignment of gravity sewer in this area. It is staff's recommendation that we use these general alignments as a guide in the event that requests for service come in or developers install these lines in advance of the City. Staff also recommends we look to the developer to install the majority of this infrastructure.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						528,750	528,750	
Land / ROW / Acquisition						350,000	350,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						3,525,000	3,525,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	4,403,750	4,403,750	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	4,403,750	4,403,750	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						4,403,750	4,403,750	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	4,403,750	4,403,750	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Hwy. 73/Untz/Cessna					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	28	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
6,275,400		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Install approximately 45,600 lf of 8", 10", 12" and 15" gravity sewer to provide sewer service to the Untz, Cessna, LaForest area.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Our future service area will include this area. Staff has provided an idea as to the quantity and alignment of sewer mains in the area. It is staff's recommendation that we use this general alignment plan for future extensions. Staff also recommends that we rely on developers to install the majority of the infrastructure in this area.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						683,700	683,700	
Land / ROW / Acquisition						350,000	350,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						5,241,700	5,241,700	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	6,275,400	6,275,400	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	6,275,400	6,275,400	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						6,275,400	6,275,400	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	6,275,400	6,275,400	
<b>Section 6</b>					<b>Section 7</b>			
Maps / Charts / Tables / Pictures					Comments for Other Depts.			

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Archibald/Zion Church Road					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	29	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14		
1,739,500		-	-	-	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
Install approximately 14,800 lf of 12" and 8" gravity sewer to serve this largely undeveloped area. It is reasonable to expect this area will begin to see higher growth due to the widening of Hwy. 49. It is anticipated there will be approximately 1.5 acres of easements required.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
Staff has only provided a representation of how sewer could be installed to serve the majority of Archibald, Dileen and Zion Church Road. Staff recommends that as much of this growth occurs, we rely on the developers to install the majority of the sewer. In those cases where we can participate in upsizing, we do so to reduce our overall cost obligation.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						222,000	222,000	
Land / ROW / Acquisition						37,500	37,500	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						1,480,000	1,480,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>1,739,500</b>	<b>1,739,500</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>1,739,500</b>	<b>1,739,500</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						1,739,500	1,739,500	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>1,739,500</b>	<b>1,739,500</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Jackson Heights/Rocky River Road				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources			Priority Rank:	30		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
1,959,000		-	-	-	-	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	

**Section 2** Description of Capital Item

Install approximately 13,000 lf of 8" gravity sewer. There will be approximately 4 acres of easements required.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

This CIP is intended to provide a guideline of how this basin would needed to have sewer extended to serve the area. Staff would recommend using this CIP for future requests for serve our extensions that may come.

**History and Current Status; Impact if Cancelled or Delayed**

**Section 3** Project Costs

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.						234,000	234,000
Land / ROW / Acquisition						100,000	100,000
Clear / Grade / Site Prep							-
Building / Utility Constr.						1,625,000	1,625,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	1,959,000	1,959,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	1,959,000	1,959,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Revenue Bonds						1,959,000	1,959,000
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	1,959,000	1,959,000

<b>Section 6</b>	Maps / Charts / Tables / Pictures	<b>Section 7</b>	Comments for Other Depts.

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Ferncliff Estates/Zion Church Road					Budget Unit #:	7420
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	31	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
2,086,000		-	-	-	-	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
Install approximately 4,300 lf of 12" and 12,100 lf of 8" gravity sewer to provide sewer service to the Ferncliff Estates area. There will be approximately 8 acres required for sewer easements.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
For the future sewer service to this area, staff has estimated the quantity and alignment of the gravity sewer to serve this area. It is staff's recommendation that we use the general alignment for future sewer main extensions. Staff further recommends we have developers install as much of this infrastructure as possible thus reducing the City's cost.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						246,000	246,000	
Land / ROW / Acquisition						200,000	200,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						1,640,000	1,640,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>2,086,000</b>	<b>2,086,000</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>2,086,000</b>	<b>2,086,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						2,086,000	2,086,000	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>2,086,000</b>	<b>2,086,000</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Far Away Place				Budget Unit #:	7420	
Budget Unit: Sewer Oper & Maintenance		Functional Area: Wastewater Resources				Priority Rank:	32	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
7,732,500		-	-	-	-	-	<input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
<b>Section 2</b>		<b>Description of Capital Item</b>						
Install approximately 4,500 lf of 12" and 61,000 lf of 8" gravity sewer to serve the Far Away Place subdivision. This will also include some portions of Flowes Store Road and Rocky River Road. There will be approximately 8 acres of easements required.								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
For future sewer service in this area, staff recommends following the general alignment and estimated quantities within this basin for future plans for service. Staff also recommends requiring developers to build portions of this system to reduce the City's cost in infrastructure.								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.						982,500	982,500	
Land / ROW / Acquisition						200,000	200,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.						6,550,000	6,550,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	-	-	-	-	-	<b>7,732,500</b>	<b>7,732,500</b>	
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-	
<b>Total Expenditure Est.</b>	-	-	-	-	-	<b>7,732,500</b>	<b>7,732,500</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	-	-	-	-	-	-	-	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Revenue Bonds						7,732,500	7,732,500	
							-	
							-	
<b>Total Program Financing</b>	-	-	-	-	-	<b>7,732,500</b>	<b>7,732,500</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>				<b>Section 7</b>		<b>Comments for Other Depts.</b>

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Parking Facilities Expansion				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 1	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
3,300,000		-	300,000	3,000,000	-	-	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required

**Section 2** Description of Capital Item

The Airport currently has 344 paved parking spaces which are inadequate during times of heavy demand. No more surface areas remain for additional parking lots and demand continues to grow with NASCAR team charter aircraft activity. This project would construct a 200 space parking deck over an existing parking lot that would net the airport an additional 118 spaces in front of the proposed expanded terminal building location.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**

During the NASCAR season, the parking lot is over capacity nearly every week from Thursday through Sunday. We exceed our ability to safely accommodate vehicles in our lots, which hurts our other existing tenants, or FBO service. It diminishes our potential to grow a needed segment of our motorsports aviation segment and our ability to expand the Terminal building which is 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 fourth year this has been included in the Airport CIP. Other airport projects and anticipated future growth depend on having sufficient parking spaces near the terminal building. Parking continues to be one of the main complaints we receive from airport users. An RFP for Public Private Partnership issued in early 2009 for the Terminal Building expansion will require a parking deck to be constructed as part of the project.

**Section 3** Project Costs

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.		300,000					300,000
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.			3,000,000				3,000,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	300,000	3,000,000	-	-	-	3,300,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	300,000	3,000,000	-	-	-	3,300,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-



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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Other (private partnership)		300,000	3,000,000				3,300,000
<b>Total Program Financing</b>	-	300,000	3,000,000	-	-	-	3,300,000

**Section 6** Maps / Charts / Tables / Pictures      **Section 7** Comments for Other Depts.



**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Terminal Expansion					Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 2	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
2,650,000		-	350,000	2,300,000	-	-		
<b>Section 2</b>		<b>Description of Capital Item</b>						
<p>This project would expand the existing Airport Passenger Terminal Building to meet the increasing growth, immediate, and future space needs. The project would add administrative offices, offices for rent, rental car areas, a passenger processing area, and space for a restaurant. The project would add 10,000 square feet to the building at a cost of approximately \$150 per square foot. Airport parking lot improvements would also need to go along with this project.</p>								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
<p>This is a project outlined in the Airport Master Plan. It is also a revenue generating and an economic development project which will increase tax revenues and create jobs. It will provide businesses the opportunity to have access to and/or offices at the airport. The existing terminal building was never designed to accommodate the type and amount of people who go through the building during a NASCAR race weekend. Many race team aircraft depart around the same time with full passenger loads between 18 and 50 seats per aircraft. We have counted 600 to 800 people departing on some of these days which overloads the existing lobby.</p>								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<p>The terminal building still exceeds 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 &amp; processing, a restaurant line service, and meeting space is still greatly needed. An RFP for Public-Private Partnership is currently being contemplated to find a partner to help fund and manage this expansion project.</p>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.		350,000					350,000	
Land / ROW / Acquisition							-	
Clear / Grade / Site Prep							-	
Building / Utility Constr.			2,300,000				2,300,000	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>		<b>350,000</b>	<b>2,300,000</b>				<b>2,650,000</b>	
<b>Total Oper. Impact Est.</b>								
<b>Total Expenditure Est.</b>		<b>350,000</b>	<b>2,300,000</b>				<b>2,650,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>								
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Operating Revenue		175,000	1,150,000				1,325,000	
Other (Private Partnership)		175,000	1,150,000				1,325,000	
<b>Total Program Financing</b>		<b>350,000</b>	<b>2,300,000</b>				<b>2,650,000</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>					<b>Section 7</b> <b>Comments for Other Depts.</b>	
 <p align="center"><b>Expansion Area (south)</b></p>							<p>Utility taps and relocation may accompany this project. Stormwater is also being addressed.</p>	

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Airport ARFF Unit				Budget Unit #:	4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank:	3	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
1,080,000		-	1,080,000	-	-	-	<input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	

**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 25 year-old vehicle.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other 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 will be required in the future due reliability and continued expansion of operations at the airport. This unit would contribute to the safety of customers and responding personnel.

**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. Currently our secondary ARFF vehicle is parked and taking up revenue generating space in an aircraft hangar adjacent to the existing fire station. Due to the age of our primary ARFF truck and the increased number of airline 50+ seat charter jets using the airport, this request has increased in priority.

**Section 3** Project Costs

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus		1,080,000					1,080,000
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	<b>1,080,000</b>	-	-	-	-	<b>1,080,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>1,080,000</b>	-	-	-	-	<b>1,080,000</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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


Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)		972,000					972,000
Operating Revenue		108,000					108,000
<b>Total Program Financing</b>	-	<b>1,080,000</b>	-	-	-	-	<b>1,080,000</b>



**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 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>	Project Title: Apron Rehabilitation and Pavement Overlay					Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation			Priority Rank: 4		
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
2,790,000		-	-	2,790,000	-	-	Type of Project: <input checked="" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
<b>Section 2</b>							
<b>Description of Capital Item</b>							
This project will rehabilitate and strengthen the airport aircraft parking apron with a three (3) inch asphalt overlay.							
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>							
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.							
<b>History and Current Status; Impact if Cancelled or Delayed</b>							
This is the second year for this CIP project. In a letter from the NCDOT Aviation Division in Fall 2007, we were requested to put in our State TIP program 500,000 for pavement rehabilitation. This project will be completed when funds are provided by the NCDOT.							
<b>Section 3</b>							
<b>Project Costs</b>							
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.			2,790,000				2,790,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	<b>2,790,000</b>	-	-	-	<b>2,790,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	<b>2,790,000</b>	-	-	-	<b>2,790,000</b>
<b>Section 4</b>							
<b>New or Additional Impact on Operating Budget</b>							
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-
<b>Section 5</b>							
<b>Method(s) of Financing</b>							
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>
Federal (FAA)			2,511,000				2,511,000
Operating Rev (grant match)			279,000				279,000
							-
<b>Total Program Financing</b>	-	-	<b>2,790,000</b>	-	-	-	<b>2,790,000</b>
<b>Section 6</b>				<b>Section 7</b>			
<b>Maps / Charts / Tables / Pictures</b>				<b>Comments for Other Depts.</b>			
							



**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Aviagation Easement ("Air Rights") Acquisition					Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation					Priority Rank: 6	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Land/ROW Acq. Required	
3,500,000		500,000	500,000	500,000	500,000	500,000	500,000	
<b>Section 2</b>		<b>Description of Capital Item</b>						
<p>This is a planned acquisition of air rights over the property adjacent to the Airport and in the approach path of the extended runway. The intent is to acquire the right to move current obstructions to a location not penetrating the FAA Part 77 approach surface for the runway or Instrument Landing System ("ILS") surfaces. This project is eligible for FAA funding and payments will be spread out over a period of years.</p>								
<b>Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals &amp; Objectives</b>								
<p>Aviagation Easements (or air rights) increase safety by preventing obstructions from being built and allowing the removal of trees and other obstacles growing in the landing approach path for the runway.</p>								
<b>History and Current Status; Impact if Cancelled or Delayed</b>								
<p>Appraisal of the identified Air Rights property has been completed. Discussions with the property owner have been ongoing. The obstructions do present a hazard to aircraft flying in poor weather conditions with the runway extended. Obstructions on this property are one of obstructions preventing aircraft from using the full length of the runway for landing on Runway 20. The other obstruction is vehicles on Poplar Tent Rd. This road will be lowered under NCDOT I-85 widening project in FY10-13 time frame.</p>								
<b>Section 3</b>		<b>Project Costs</b>						
<b>Activity</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Prelim Design / Plans							-	
Engineering / Arch. Serv.							-	
Land / ROW / Acquisition	500,000	500,000	500,000	500,000	500,000	1,000,000	3,500,000	
Clear / Grade / Site Prep							-	
Building / Utility Constr.							-	
Heavy Equip/ Apparatus							-	
Light Equip. / Furniture							-	
<b>Total Capital Cost Est.</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,000,000</b>	<b>3,500,000</b>	
<b>Total Oper. Impact Est.</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Total Expenditure Est.</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,000,000</b>	<b>3,500,000</b>	
<b>Section 4</b>		<b>New or Additional Impact on Operating Budget</b>						
<b>Type of Expenditure</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Salaries / Benefits							-	
Prof. & Consult. Services							-	
Materials & Supplies							-	
Maintenance / Fuel							-	
Other							-	
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>Section 5</b>		<b>Method(s) of Financing</b>						
<b>Funding Source(s)</b>	<b>FY 2009-10</b>	<b>FY 2010-11</b>	<b>FY 2011-12</b>	<b>FY 2012-13</b>	<b>FY 2013-14</b>	<b>Future \$\$</b>	<b>Total</b>	
Federal (FAA)	450,000	450,000	450,000	450,000	450,000	900,000	3,150,000	
Operating Revenue		50,000	50,000	50,000	50,000	100,000	300,000	
Retained Earnings Approp.	50,000						50,000	
<b>Total Program Financing</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>1,000,000</b>	<b>3,500,000</b>	
<b>Section 6</b>		<b>Maps / Charts / Tables / Pictures</b>					<b>Section 7</b> <b>Comments for Other Depts.</b>	
							<p>Legal Department and City Manager's Office have been and will continue to be involved in this project.</p>	

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: New Relocated Control Tower				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 7	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
3,250,000		-	250,000	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 in 2005 that indicated a new tower could be built in close proximity to the current location at a height of 68 feet.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other 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, the tower needs to be higher to enhance visibility and safety. State and federal funds would be available and it is a priority with the State of North Carolina DOT. 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. Aircraft traffic and size of aircraft have increased. The ability of the controllers to see the entire airport is a current safety issue.

**Section 3** **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans		250,000					250,000
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.			3,000,000				3,000,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	250,000	3,000,000	-	-	-	3,250,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	250,000	3,000,000	-	-	-	3,250,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)		225,000	2,700,000				2,925,000
Operating Revenue		25,000	300,000				325,000
<b>Total Program Financing</b>	-	250,000	3,000,000	-	-	-	3,250,000

<b>Section 6</b> <b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b> <b>Comments for Other Depts.</b>
<p>Existing Tower above Existing Terminal Bld.</p> <p>Example of a Newer / Taller Control Tower</p>	

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Corporate Hangar Developments				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 8	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
4,800,000		-	-	-	-	-	

**Section 2** Description of Capital Item

Project would be for the construction of individual corporate hangars around 12,000 SF in size. These buildings 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, Envision Cabarrus, other 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 Aviation Department enterprise fund reach self sufficiency.

**Section 3** Project Costs

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	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.						4,500,000	4,500,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	4,800,000	4,800,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	4,800,000	4,800,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Installment Purchase						4,800,000	4,800,000
							-
							-
<b>Total Program Financing</b>	-	-	-	-	-	4,800,000	4,800,000

<b>Section 6</b> Maps / Charts / Tables / Pictures	<b>Section 7</b> Comments for Other Depts.

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Heavy Aircraft Apron Strengthening				Budget Unit #:	4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank:	9	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6	
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input checked="checked" type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="checked" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	
500,000		-	500,000	-	-	-	-	

**Section 2 Description of Capital Item**  
 This project will increase the weight bearing capacity on a part of the aircraft parking apron to accommodate aircraft up to 200,000 lbs such as 737s, BBJ, and 727s. Asphalt on this portion of the airport apron would be removed and replaced with concrete.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 This project is listed in the Airport Master Plan and State TIP. The increase in runway length now allows for larger aircraft to land at the airport. However, the apron was not designed to support the weight of these aircraft and will quickly show signs of cracking and wear. Accommodating the heavier aircraft, which use more fuel, allows the Aviation Department to substantially increase revenues and moves the department closer to a self-sufficient budget position.

**History and Current Status; Impact if Cancelled or Delayed**  
 This is the fifth year this CIP Project has been requested. If this project is not undertaken in some form we will have problems parking the larger aircraft, increased maintenance and repair cost from damage to pavement, and we will limit our ability to substantially increase fuel revenues or aircraft parking fees from larger aircraft. In October 2007, a BBJ (737) was the first aircraft of this size to use the airport.

**Section 3 Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	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							-
<b>Total Capital Cost Est.</b>	-	<b>500,000</b>	-	-	-	-	<b>500,000</b>
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	<b>500,000</b>	-	-	-	-	<b>500,000</b>

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)		450,000					450,000
Operating Revenue		50,000					50,000
<b>Total Program Financing</b>	-	<b>500,000</b>	-	-	-	-	<b>500,000</b>

<b>Section 6 Maps / Charts / Tables / Pictures</b>	<b>Section 7 Comments for Other Depts.</b>

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Taxiway Overlay					Budget Unit #:	4530
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank:	10	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any):	6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project:	
2,950,000		-	-	-	2,950,000	-	<input type="checkbox"/> Replacement <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required	

**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 lbs design limit to accommodate more operations of regional jet sized aircraft.


**Justification; and Linkage to Council Goals, Envision Cabarrus, other 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 critical long-term 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 fifteen years old and nearing the later stages of its functional life cycle.

**History and Current Status; Impact if Cancelled or Delayed**  
 Fifth 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 the runway is overlaid and apron is strengthened. NCDOT completed a pavement analysis of all airport pavement in 2006 which indicated pavement needs replacement / overlay.

<b>Section 3 Project Costs</b>							
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.				2,950,000			2,950,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	2,950,000	-	-	2,950,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	2,950,000	-	-	2,950,000

<b>Section 4 New or Additional Impact on Operating Budget</b>							
Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

<b>Section 5 Method(s) of Financing</b>							
Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)				2,655,000			2,655,000
Operating Revenue				295,000			295,000
<b>Total Program Financing</b>	-	-	-	2,950,000	-	-	2,950,000

<b>Section 6 Maps / Charts / Tables / Pictures</b>	<b>Section 7 Comments for Other Depts.</b>
	

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Internal Service Road - Phase I				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 11	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
2,800,000		-	-	-	-	50,000	

**Section 2** **Description of Capital Item**  
 This project consists of the construction of internal service road from the North Myint Access Road around the north side of the airport to Fire Station #9 on Ivy Cline Road.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 Safety and customer service are primary reasons for the need of this road. It will allow secondary access to the airport from the new fire station to assist with airport emergencies. The road would also allow vehicles to avoid going near an active runway or a 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, emergency vehicles will have to travel on busy public roadways (Poplar Tent and Derita) which adds additional distance and time. Some airport vehicles, such as fuel trucks, are not permitted to drive on public roads and accessing the west side of the airport would be difficult. Roadway may be eligible for federal funding assistance.

**Section 3** **Project Costs**

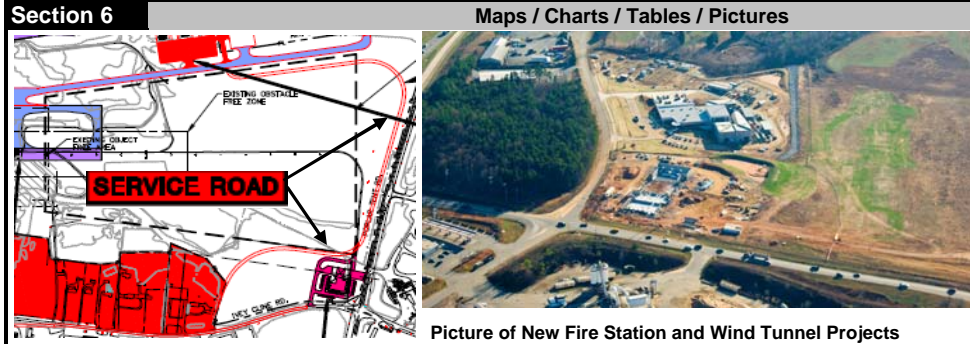
Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.					50,000		50,000
Land / ROW / Acquisition							-
Clear / Grade / Site Prep						750,000	750,000
Building / Utility Constr.						2,000,000	2,000,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	50,000	2,750,000	2,800,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	50,000	2,750,000	2,800,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)					45,000	2,475,000	2,520,000
Operating Revenue					5,000	275,000	280,000
<b>Total Program Financing</b>	-	-	-	-	50,000	2,750,000	2,800,000



**Section 7** **Comments for Other Depts.**  
 This project would assist Fire and Life Safety Departments with access to Concord Regional Airport airfield from new Station #9.



**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Snow Removal Equipment				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 13	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
580,900		-	-	-	-	-	

**Section 2** **Description of Capital Item**  
 This item would be for the purchase of a tandem axel truck with spreader, snow plow attachments, and other necessary supplies. The truck could spread de-icer or sand on the runway, taxiway, apron, and airport roadway areas. It could also plow snow off pavement areas. The truck could be used for other maintenance related needs or be available for use by other City departments during the rest of the year.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 The equipment is needed for safety purposes in clearing ice and snow off of pavement area that the City Aviation Dept. cannot do now. If the airport is to continue to handle charter airline flights, the City is required by the FAA to keep the runways in a safe condition during all weather conditions or to close the airport. Closing the airport would result in significant costs to any airline operating at the airport. This equipment would be FAA funding eligible at 90%.

**History and Current Status; Impact if Cancelled or Delayed**  
 This is a future year purchase. Currently we have three small plows that attach to pickup trucks and a dump truck making removal of any accumulation of over 2" nearly impossible without significantly affecting aircraft operations.

**Section 3** **Project Costs**



Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.							-
Heavy Equip/ Apparatus						580,900	580,900
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	580,900	580,900
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	580,900	580,900

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)						522,810	522,810
Operating Revenue						58,090	58,090
<b>Total Program Financing</b>	-	-	-	-	-	580,900	580,900

<b>Section 6</b> <b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b> <b>Comments for Other Depts.</b>
 	

**City of Concord, North Carolina**  
**Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Additional T-Hangar Units				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 14	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
1,750,000		-	-	-	-	-	

**Section 2** **Description of Capital Item**  
 This project would construct two additional 10 unit T-Hangars to meet current and future demand. These units may be built in the North Myint Hangar Development Area.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 Additional T-Hangar space is part of the Airport Master Plan. Increasing hangar space meets the needs of the local customers and increases the tax base for the City. There has been a long waiting list for individual aircraft T-Hangars at the Airport. Population in the County and the area continues to grow along with individuals and companies that own their own small aircraft.

**History and Current Status; Impact if Cancelled or Delayed**  
 This is the fourth year this item has been requested and is scheduled for future years because currently there is no readily available area build the units. T-Hangar units are not large revenue generators, but do provide a service to the local community. Delay will cause these aircraft owners to either locate elsewhere or take up hangar in common or tie-down space that could be used for larger aircraft that generate more revenues.

**Section 3** **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.						262,500	262,500
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.						1,487,500	1,487,500
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	1,750,000	1,750,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	1,750,000	1,750,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)							-
Operating Revenue						1,750,000	1,750,000
<b>Total Program Financing</b>	-	-	-	-	-	1,750,000	1,750,000

<b>Section 6</b> <b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b> <b>Comments for Other Depts.</b>
	

**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Airport Service Road Phase II				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 15	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	Type of Project: <input type="checkbox"/> Replacement <input checked="" type="checkbox"/> New <input type="checkbox"/> Expansion <input type="checkbox"/> Renovation <input type="checkbox"/> Land/ROW Acq. Required
6,670,000		-	-	-	-	-	

**Section 2** **Description of Capital Item**  
 This airport perimeter roadway will be constructed in phases and will allow Aviation Department staff, emergency crews, and others access the airport perimeter and to facilitate access to future development on the north and west sides of the airport. This phase would extend perimeter road to the south and east.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 Safety and security are always high priorities at airports. Wildlife gaining access to the airfield is becoming a real safety concern. A perimeter roadway helps avoid runway/ taxiway incursions between vehicles and aircraft, especially during construction projects. The roadway allows vehicles to drive safely around the runways and out of the movement areas where collisions or debris can be left that could damage aircraft or cause an accident.

**History and Current Status; Impact if Cancelled or Delayed**  
 This is the fourth year this project is listed on the CIP. This project is eligible for federal funding at 90% level. Project will be done in phases as money becomes available.

**Section 3** **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Prelim Design / Plans							-
Engineering / Arch. Serv.							-
Land / ROW / Acquisition							-
Clear / Grade / Site Prep							-
Building / Utility Constr.						6,670,000	6,670,000
Heavy Equip/ Apparatus							-
Light Equip. / Furniture							-
<b>Total Capital Cost Est.</b>	-	-	-	-	-	6,670,000	6,670,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	-	-	-	6,670,000	6,670,000

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

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)						6,003,000	6,003,000
Operating Revenue						667,000	667,000
<b>Total Program Financing</b>	-	-	-	-	-	6,670,000	6,670,000

<b>Section 6</b>	<b>Maps / Charts / Tables / Pictures</b>	<b>Section 7</b>	<b>Comments for Other Depts.</b>
 			
<p align="center">Looking North towards Airport      Looking South towards Airport</p>			







**City of Concord, North Carolina  
Fiscal Year 2009-10 through 2013-14 Capital Improvement Plan**

<b>Section 1</b>		Project Title: Relocated Airport Beacon				Budget Unit #: 4530	
Budget Unit: Aviation Operations		Functional Area: Aviation				Priority Rank: 19	
Total Requested Funds	Total Appropriations to date	Budget Year 1 FY2009-10	Unappropriated Subsequent Years				Council District (if any): 6
			Year 2 FY2010-11	Year 3 FY2011-12	Year 4 FY2012-13	Year 5 FY2013-14	
300,000		-	-	300,000	-	-	

**Section 2** **Description of Capital Item**  
 This project will relocate the existing airport beacon that currently sits on top of the Air Traffic Control Tower to a location on the east side the airport where its visibility will be enhanced.

**Justification; and Linkage to Council Goals, Envision Cabarrus, other Master Plans, or Dept. Goals & Objectives**  
 This is a safety enhancement project. With the development around the airport, the visibility of the beacon which helps arriving aircraft to locate the airport at night or in poor weather conditions is obscured and difficult to find. Moving to a less built up area, as is the case on the east side of the airport would help the beacon become more visible and thus make it easier for pilots to locate the airport.

**History and Current Status; Impact if Cancelled or Delayed**  
 This is the first year for this CIP request. It should be eligible for federal funding assistance. The current beacon is located on top of the existing control tower. Once that tower is moved it may not be possible to replace the beacon in the same location. Several pilots have complained over the last year of the difficulty of seeing the beacon at night. The Aviation Department purchased 45 acres of wooded property on the east side of the airport which would be a better, more visible location for the beacon.

**Section 3** **Project Costs**

Activity	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	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							-
<b>Total Capital Cost Est.</b>	-	-	300,000	-	-	-	300,000
<b>Total Oper. Impact Est.</b>	-	-	-	-	-	-	-
<b>Total Expenditure Est.</b>	-	-	300,000	-	-	-	300,000


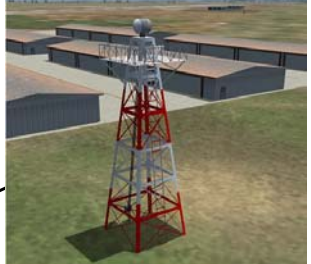
**Section 4** **New or Additional Impact on Operating Budget**

Type of Expenditure	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Salaries / Benefits							-
Prof. & Consult. Services							-
Materials & Supplies							-
Maintenance / Fuel							-
Other							-
<b>Total</b>	-	-	-	-	-	-	-

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

Funding Source(s)	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	Future \$\$	Total
Federal (FAA)			270,000				270,000
Operating Revenue			30,000				30,000
<b>Total Program Financing</b>	-	-	300,000	-	-	-	300,000

**Section 6** **Maps / Charts / Tables / Pictures** **Section 7** **Comments for Other Depts.**

	<p><b>Existing Beacon on top of the Control Tower at Airport Terminal Bld.</b></p>		
<p><b>Example of a Newer / Taller Airport Beacon</b></p>		<p><b>Section 7</b> <b>Comments for Other Depts.</b></p>	