

***DETAILED CIP  
PROJECT INFORMATION***

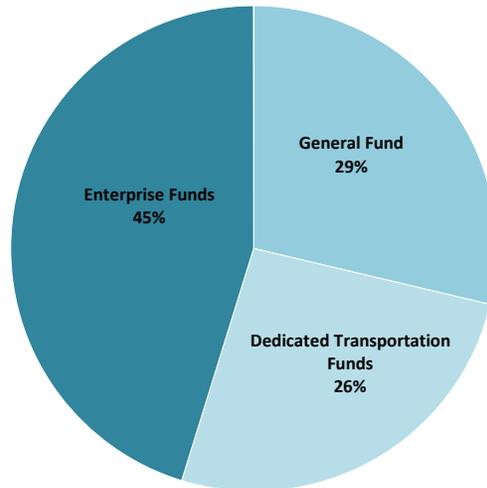
***~YEAR 1 PROJECTS & PROJECTS  
CURRENTLY IN PROGRESS~***

## Year 1 CIP Expenditures

By Fund	Project Costs
General Fund	\$ 4,060,288
Dedicated Transportation Funds	\$ 3,689,525
Enterprise Funds	\$ 6,393,213
Internal Services Fund	\$ -
<b>Total Expenditures</b>	<b>\$ 14,143,026</b>

### FY14 Year 1 CIP Expenditures

(by Fund Type)

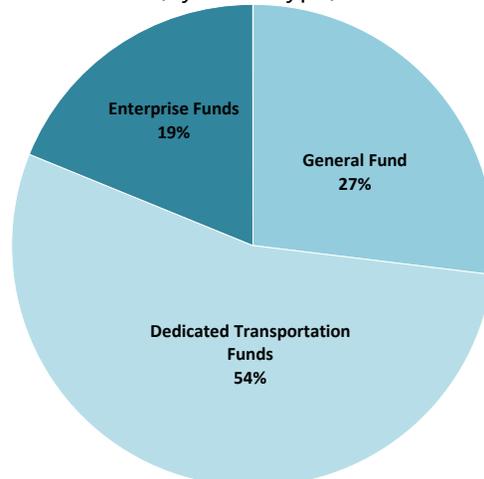


## In-Progress CIP Expenditures

By Fund	Project Costs
General Fund	\$ 15,070,203
Dedicated Transportation Funds	\$ 30,364,515
Enterprise Funds	\$ 10,543,808
Internal Services Fund	\$ -
<b>Total Expenditures</b>	<b>\$ 55,978,526</b>

### In Progress CIP Expenditures

(by Fund Type)



# CIP YEAR 1 APPROVED PROJECTS

The boxes below provide summary detail for all CIP projects scheduled for funding in year 1, or FY 2014, of the CIP. For additional description and cost information, please see each project's individual page in the City's FY 2014-2018 Capital Improvement Plan.

### How to read the summary information:

- ← Department
- ← Project title and FY14 cost
  
- ← Project description
- ← Estimated year of completion
- ← Total cost of capital project
- ← Total 5-yr impact on operating budget
- ← Project's funding sources

Non-Departmental	
<b>Municipal Building Replacement</b>	<b>\$1,360,000</b>
Funding provided for the City to contract with an engineering firm for the design of a new City Hall facility.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$19,800,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Financing Proceeds

Non-Departmental	
<b>Municipal Building Replacement</b>	<b>\$1,360,000</b>
Funding provided for the City to contract with an engineering firm for the design of a new City Hall facility.	
<i>Expected Completion: FY16</i>	
<i>Total Capital Cost</i>	\$19,800,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Financing Proceeds

Radio Shop	
<b>Fiber Network Extension</b>	<b>\$100,000</b>
Fiber network extension providing high bandwidth connectivity for data, video, telephone and SCADA needs for various city departments.	
<i>Expected Completion: Ongoing</i>	
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$250,000
<i>Funding Source(s)</i>	Operating Revenues

Solid Waste & Recycling	
<b>Debris &amp; Leaf Processing Site</b>	<b>\$125,288</b>
FEMA encourages government agencies to coordinate and manage debris removal operations as part of their emergency management plan. Many of the site requirements for a DMS are also necessary for a leaf processing site. This project entails the development of a site to serve both purposes.	
<i>Expected Completion: FY14</i>	
<i>Total Capital Cost</i>	\$180,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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

Solid Waste & Recycling	
<b>Replacement Roll-Off SWR-406</b>	<b>\$130,000</b>
Replacement of an aging Roll-Off truck in Solid Waste & Recycling.	
<i>Expected Completion: FY14</i>	
<i>Total Capital Cost</i>	\$130,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Planning & Neighborhood Development	
<b>Accela Software Implementation</b>	<b>\$655,000</b>
The current plan review/permit software is based on an in-house support system that has no reliable backup. Without updated software, a disconnect will remain between Cabarrus County and the City for plan review and permitting.	
<i>Expected Completion: FY14</i>	
<i>Total Capital Cost</i>	\$547,885
<i>Total Operating Cost</i>	\$107,115
<i>Funding Source(s)</i>	Operating Revenue

<b>Parks &amp; Recreation</b>	
<b>McEachern Greenway - Cab. Ave</b>	<b>\$440,000</b>
Development of an approximately 1 1/4 mile segment that begins at McGee Park and extends upstream along 3 Mile Branch nearly to Brookwood Ave, NE. Includes site control, plan/design and construction of the greenway.	
	<i>Expected Completion: FY16</i>
Total Capital Cost	\$1,916,330
Total Operating Cost	\$0
Funding Source(s)	Capital Reserves

<b>Parks &amp; Recreation</b>	
<b>Hartsell Rec Center Renovations</b>	<b>\$50,000</b>
The other City Recreation Centers have been almost entirely renovated. The age and dysfunctional floor plan of Hartsell Recreation Center is unsafe and underutilizes the potential footprint for serving programs and general use by the public.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$350,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Dedicated Transportation Funds</b>	
<b>Traffic Management Center</b>	<b>\$1,000,000</b>
Interconnection of 100-130 signalized intersections, installation of 20-30 traffic surveillance cameras, and implementation of complete street strategies at certain intersections to maximize traffic efficiency, flow and safety.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$1,000,000
Total Operating Cost	\$0
Funding Source(s)	Trans. Funds, Federal Grants

<b>Dedicated Transportation Funds</b>	
<b>NE Subset Sidewalk Extension</b>	<b>\$525,916</b>
Provide local funding match for CMAQ funds used to extend pedestrian facilities in the NE Quadrant of the City of Concord. This project will lessen congestion and mitigate current vehicle emission loading by providing an alternate to motor vehicle travel in the area.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$525,916
Total Operating Cost	\$0
Funding Source(s)	Trans Funds, CMAQ Grant

<b>Dedicated Transportation Funds</b>	
<b>Sidewalk Improvements - Miramar Ph. 2</b>	<b>\$150,000</b>
Construct new City sidewalks and associated infrastructure to expand the existing pedestrian system. The priority of projects is determined annually in October and presented to City Council for approval in accordance with the Pedestrian Improvement Policy.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$150,000
Total Operating Cost	\$0
Funding Source(s)	Transportation Funds

<b>Dedicated Transportation Funds</b>	
<b>Weddington Rd. NW Extension</b>	<b>\$338,609</b>
As indicated on the Comprehensive Transportation Plan, Weddington Rd., NW is shown as a minor thoroughfare extension connecting Bruton Smith Blvd. to Old Hollard Rd. When opened fully, this road will provide a second point of access to the Mills Mall East area.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$339,609
Total Operating Cost	\$0
Funding Source(s)	Transportation Funds

<b>Dedicated Transportation Funds</b>	
<b>Virginia Street SE Segment Improvement</b>	<b>\$600,000</b>
Re-construct the surface of Virginia St., SE from Corban Ave., SE to Louise Ave., SE, inside the platted public R/W and upgrade / renovate the facility to meet minimum City of Concord street standards with a Complete Streets typical section.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$600,000
Total Operating Cost	\$0
Funding Source(s)	Transportation Funds

<b>Dedicated Transportation Funds</b>	
<b>Brookwood Phase Design</b>	<b>\$1,075,000</b>
Provide street improvements to the section of Brookwood Ave., NE running between Burrage Rd., NE and Church St., N as recommended in the 2006-2007 Brookwood Corridore Study by STV / Ralph Whitehead.	
	<i>Expected Completion: FY15</i>
Total Capital Cost	\$6,200,000
Total Operating Cost	\$0
Funding Source(s)	Transportation Funds

<b>Stormwater</b>	
<b>Reubens Road Culvert Replacement</b>	<b>\$104,781</b>
This project is for the replacement of an existing culvert to reduce flooding.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$189,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Stormwater</b>	
<b>Wyoming Drive/Grand Canyon Culvert Repl.</b>	<b>\$195,000</b>
This project is for the replacement of an existing culvert to reduce flooding.	
	<i>Expected Completion: FY14</i>
Total Capital Cost	\$195,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

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

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

<b>Electric Systems</b>	
<b>System Improvements for Substation I</b>	<b>\$1,500,000</b>
This project will provide the replacement of 2 power transformers, breakers and switch-gear for the existing dual bay substation I. Substation I is located on Breezy Lane in the south west area of Concord. It receives power from Delivery 2 at 44 kV.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$2,290,024
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Electric Systems</b>	
<b>System Power Factor Correction</b>	<b>\$150,000</b>
This project will result in a system fix and will allow installation of switch bank capacitors in order to correct the system power factor and decrease electric losses.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$300,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

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

<b>Stormwater</b>	
<b>Treasure Drive Culvert Replacement</b>	<b>\$125,000</b>
Culvert Replacement and upsizing under Treasure Dr. to reduce flooding risk and replace aging infrastructure.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$125,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenues

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

<b>Electric Systems</b>	
<b>Solid State Relay Conversion for Substation B</b>	<b>\$210,000</b>
This project will convert the current relay protection package at Substation "B" to a new solid state package and will incorporate a new control house and SCADA communications equipment. Changing technology has rendered the existing station equipment obsolete	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$210,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Electric Systems</b>	
<b>Line Truck E-239 Replacement</b>	<b>\$225,000</b>
Replace unit E239, a 2003 International 37,000 GVWR (gross vehicle weight) Line Truck, with 45' working height.	
<i>Expected Completion: FY14</i>	
Total Capital Cost	\$225,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Waterlines Operations &amp; Maintenance</b>	
<b>I-85 Waterline Replacement</b>	<b>\$167,671</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.	
<i>Expected Completion: FY15</i>	
Total Capital Cost	\$619,006
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

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

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

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

<b>Golf Course</b>	
<b>Clubhouse Expansion</b>	<b>\$5,000</b>
Expansion of Clubhouse dining and banquet facilities to accommodate larger groups. Size and scope of project TBD, but to include expansion of current private dining room and addition of outdoor awning to cover the back veranda. Also includes new carpeting for the dining areas and entrance.	
<i>Expected Completion: FY15</i>	
Total Capital Cost	\$140,000
Total Operating Cost	\$10,000
Funding Source(s)	Capital Reserves, Operating Revenues

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

<b>Waterlines Operations &amp; Maintenance</b>	
<b>George Liles Parkway Waterline Phase 3</b>	<b>\$912,761</b>
Provide a new 24" waterline from Weddington Road to Roberta Road as part of the NCDOT Westside Bypass Project.	
<i>Expected Completion: FY16</i>	
Total Capital Cost	\$3,360,510
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

<b>Wastewater Operations &amp; Maintenance</b>	
<b>Roberta Woods Pump Station Elimination</b>	<b>\$598,000</b>
Install approximately 3,800LF of gravity sewer to eliminate the Roberta Woods pump station and serve the balance of the basin that is on the Philip Morris property.	
<i>Expected Completion: Ongoing</i>	
Total Capital Cost	\$598,000
Total Operating Cost	\$0
Funding Source(s)	Operating Revenue

# IN-PROGRESS CIP PROJECTS DETAIL

The boxes below provide summary detail of CIPs that were approved in prior fiscal years, did not receive additional funding in FY14, are currently in progress, and are not yet completed.

Non-Departmental	
<b>Operations Center Imprv- Storage &amp; Parking</b>	
Conversion of a central median to parking spaces, addition of a material storage area, and the construction of a 3 sided metal storage building.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$195,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

### How to read the summary information:

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

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

Fire & Life Safety	
<b>Renovation of Station 5</b>	
This project involves basic renovations of Fire Station 5 to upgrade the living quarters and enlarge the bay door openings.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$124,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

Solid Waste & Recycling	
<b>Solid Waste Shelter</b>	
Construction of a shelter for carts and large heavy-duty vehicles to protect them from sun and rain exposure, prevent roll-out carts from filling with rain, and provide coworkers with a controlled enviroment for cart assembly.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$240,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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

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

Parks & Recreation	
<b>Rocky River Greenway - Moss Creek</b>	
The development of Rocky River Greenway-Moss Creek is an approximately 1 1/2 mile segment that begins in the Moss Creek subdivision and extends downstream to Odell Elementary School & Moss Farm Rd.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$715,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue, Grant Funding

**Parks and Recreation****Rocky River Greenway- Riverwalk**

This project designs and constructs Phase I, a 2 1/2 mile segment of the Greenway. It addresses bicycle, pedestrian, and greenway needs as identified in the Livable Community Blueprint.

Approved: FY04 Expected Completion: FY17  
 Total Capital Cost \$2,889,000  
 Total Operating Cost \$98,200  
 Funding Source(s) Debt Financing, Operating Revenue

**Parks & Recreation****MacEachern Greenway Ph. 3**

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

Approved: FY12 Expected Completion: FY15  
 Total Capital Cost \$1,758,491  
 Total Operating Cost \$0  
 Funding Source(s) P&R Capital Reserve, Operating Rev.

**Parks & Recreation****Rocky River Greenway- Airport**

This is an approximately 1.5 mile segment that begins at Interstate 85 and extends upstream to Cox Mill Rd. This includes land acquisition, plan/design and construction of the greenway.

Approved: FY12 Expected Completion: FY18  
 Total Capital Cost \$2,205,000  
 Total Operating Cost \$98,200  
 Funding Source(s) P&R Capital Reserve, Operating Rev.

**Parks & Recreation****Park Lighting Replacement Ph. 1**

This project replaces existing field lights at Webb Field as well as field and tennis lights at Les Myers Park. This includes poles and lights on the athletic fields but lights only on the tennis courts.

Approved: FY12 Expected Completion: FY14  
 Total Capital Cost \$601,000  
 Total Operating Cost \$0  
 Funding Source(s) Operating Revenue

**Parks & Recreation****Bleacher Replacement**

Replacement of bleachers at all three recreation centers.

Approved: FY13 Expected Completion: FY14  
 Total Capital Cost \$175,000  
 Total Operating Cost \$0  
 Funding Source(s) Operating Revenue

**Parks & Recreation****Dog Park Development**

This project will develop a dog park for City residents.

Approved: FY13 Expected Completion: FY15  
 Total Capital Cost \$272,000  
 Total Operating Cost \$107,100  
 Funding Source(s) P&R Capital Reserve

**Dedicated Transportation Funds****George W Liles Pkwy/Village Dr Traffic Signal**

Install a traffic signal at the intersection of George W. Liles Pkwy. and Village Dr., NW / Grand Canyon Dr., NW. The proposed signal will be constructed with mast-arm poles and include count-down pedestrian heads.

Approved: FY13 Expected Completion: FY14  
 Total Capital Cost \$161,000  
 Total Operating Cost \$0  
 Funding Source(s) Transportation Reserves

**Dedicated Transportation Funds****George W. Liles Parkway Extension**

The proposed extension from Weddington Rd. to Roberta Rd. is part of a coordinated effort between the City and NCDOT to address critical, local roadway infrastructure needs.

Approved: FY12 Expected Completion: FY16  
 Total Capital Cost \$10,767,000  
 Total Operating Cost \$0  
 Funding Source(s) Operating Revenue, State Funding

**Dedicated Transportation Funds****Cabarrus Railroad Bridge Railing**

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

Approved: FY11 Expected Completion: FY15  
 Total Capital Cost \$250,000  
 Total Operating Cost \$0  
 Funding Source(s) Transportation Reserves

**Dedicated Transportation Funds****Intersection Improvements - US 601/ NC 3**

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

Approved: FY12 Expected Completion: FY14  
 Total Capital Cost \$1,202,829  
 Total Operating Cost \$0  
 Funding Source(s) CMAQ, Transportation Reserves

<b>Dedicated Transportation Funds</b>	
<b>Sidewalks &amp; Bike Lanes - NC 73/ Poplar Tent</b>	
This project will participate monetarily for 40% of the actual cost to provide sidewalks and bicycle lanes along Poplar Tent Road.	
<i>Approved: FY11</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$500,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

<b>Dedicated Transportation Funds</b>	
<b>Derita Road Improvements</b>	
Provide funding for roadway improvements on Derita Rd from Poplar Tent to Rocky River. Includes design, permitting, purchase of right-of-way, utility relocation, and construction of an improved roadway section with curb, gutter and sidewalks.	
<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$12,333,813
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	NCDOT, Transportation Rsvs

<b>Dedicated Transportation Funds</b>	
<b>Poplar Tent Rd &amp; US 29 Improvements</b>	
This project includes roadway improvements at and near the intersection of Poplar Tent Rd. and US Highway 29 using a Modified Superstreet design that will lessen congestion and mitigate current vehicle emission loading.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$940,973
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	CMAQ, Transportation Rsvs

<b>Dedicated Transportation Funds</b>	
<b>Terminal Court Improvements</b>	
Re-establish the alignment of Terminal Ct., NW inside the platted public R/W and upgrade / renovate the facility to meet minimum City of Concord street standards.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$110,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

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

<b>Dedicated Transportation Funds</b>	
<b>City Bridge Rehabilitation</b>	
This project funds the replacement of the Burrage Road bridge over Three-Mile Branch. This bridge has the lowest sufficiency rating of all City-maintained structural bridges.	
<i>Approved: FY07</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$2,727,000
<i>Total Operating Cost</i>	\$21,900
<i>Funding Source(s)</i>	Transp. Rsvs, Fed. & State Funding

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

<b>Dedicated Transportation Funds</b>	
<b>Burrage Road</b>	
Re-construct the surface of Burrage Rd., NE from Lake Concord Rd. to Bradley St., NE, inside the platted public right-of-way and upgrade / renovate the facility to meet minimum City of Concord street standards with a Complete Streets typical section.	
<i>Approved: FY13</i>	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$1,200,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Transportation Reserves

<b>Aviation</b>	
<b>Additional Fire System Pump</b>	
This project involves the expansion of the primary pump house and addition of a new primary diesel fire pump capable of 2,700 gpm at 147 psi to increase system capacity of the fire water system.	
<i>Approved: FY12</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$345,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Aviation</b>	
<b>Fire System Surge Tank</b>	
Project involves construction of a 4,000 gallon Hydro-pneumatic surge tank adjacent to the existing pump houses to support the fire water system at the Airport in the event of a discharge.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$1,675,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater</b>	
<b>Capital Projects Master Plan</b>	
This planning is to identify and develop the capital projects for stormwater quality and quantity improvements. These projects will be prioritized so that they are implemented in the most appropriate order in the future.	
<i>Approved: FY07</i>	<i>Expected Completion: FY16</i>
<i>Total Capital Cost</i>	\$1,400,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Stormwater</b>	
<b>Melrose Drive Culvert</b>	
This project is for the replacement of aging infrastructure where the bottom of an existing corrugated metal pipe is disintegrated. Future degradation to stream is possible if it is not replaced.	
	<i>Expected Completion: FY15</i>
<i>Total Capital Cost</i>	\$156,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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

<b>Electric Systems</b>	
<b>Peaking Generators - Ph. 2</b>	
Purchase and Installation of Diesel Oxidation Catalyst to reduce carbon monoxide, non-methane hydrocarbons and particulate matter. 8 Units replaced in Phase 1 for Florence Ave. Phase 2 = 6 units for Manor Ave. site.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$400,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

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

<b>Water Resources</b>	
<b>Clearwell Top Replacement at HGWTP</b>	
This project is to remove and replace a section of deteriorating clearwell top at Hillgrove Water Treatment Plant.	
<i>Approved: FY12</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$250,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Electric Systems</b>	
<b>System Power Factor Correction</b>	
This project will result in a system fix and will allow installation of switch bank capacitors in order to correct the system power factor and decrease electric losses.	
<i>Approved: FY13</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$300,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue

<b>Electric Systems</b>	
<b>Solid State Relay Conversion for Substation J</b>	
This project will convert the current relay protection package at Substation "J" to a new solid state package. It will also incorporate a new control house and SCADA communications equipment.	
<i>Approved: FY12</i>	<i>Expected Completion: FY14</i>
<i>Total Capital Cost</i>	\$180,000
<i>Total Operating Cost</i>	\$0
<i>Funding Source(s)</i>	Operating Revenue