



**FY 2013-18**  
**Capital Investment Plan**  
**Commissioner Approved**

Orange County  
North Carolina

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**APPROVED - Orange County Capital Investment Plan- Plan Summary  
Fiscal Years 2013-18**

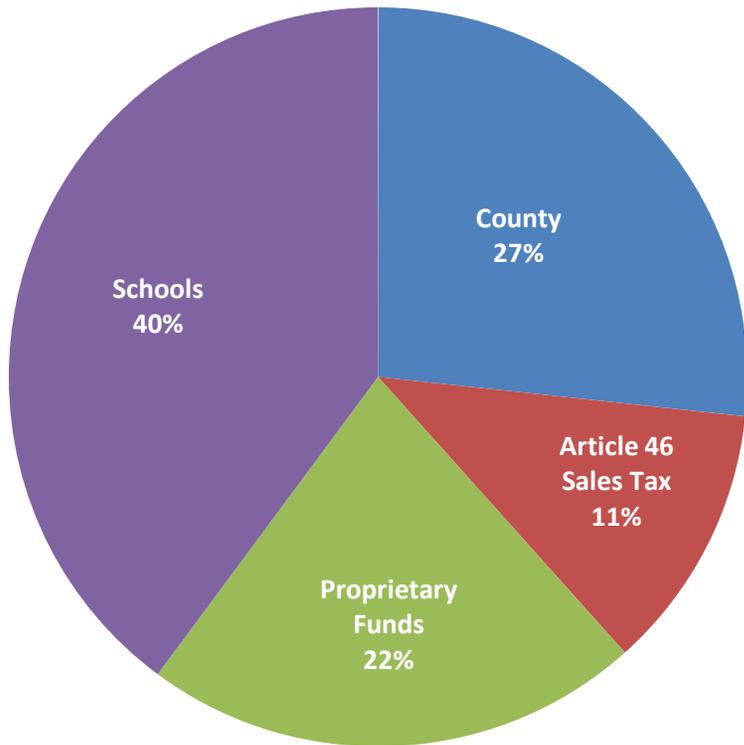
	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
County Capital Projects	7,708,351	6,036,242	6,978,510	14,709,569	9,768,500	38,091,308	75,584,129	54,729,760
Special Revenue Fund (Article 46 Sales Tax)								
Economic Development	1,300,000	1,319,500	1,339,293	1,359,382	1,379,773	1,400,469	6,798,417	7,323,828
Chapel Hill Carrboro City Schools	799,500	811,492	823,664	836,020	848,560	861,288	4,181,024	4,504,154
Orange County Schools	500,500	508,008	515,628	523,362	531,212	539,181	2,617,391	2,819,674
Proprietary Capital Projects <sup>(1)</sup>								
Water & Sewer Utilities	4,811,146	896,250	5,536,000	2,500,000	185,000	150,000	9,267,250	1,000,000
Solid Waste	931,208	3,316,846	2,623,992	1,796,554	2,225,730	1,308,072	11,271,194	9,263,952
Sportsplex	660,000	710,000	1,175,000	2,150,000	1,210,000	375,000	5,620,000	
Schools Capital Projects								
Chapel Hill Carrboro City Schools	24,605,782	3,730,742	7,019,146	3,717,615	4,403,855	9,957,579	28,828,937	104,130,625
Orange County Schools	1,940,417	5,276,668	1,969,429	14,274,223	2,013,424	2,035,917	25,569,661	32,007,177
<b>Total</b>	<b>43,256,904</b>	<b>22,605,748</b>	<b>27,980,662</b>	<b>41,866,725</b>	<b>22,566,054</b>	<b>54,718,814</b>	<b>169,738,003</b>	<b>215,779,170</b>
<b>Revenues/Funding Source</b>								
Available Project Balances	450,000	164,000					164,000	
Transfer from Capital Reserve	50,000							
Transfer from General Fund - County	1,254,397	620,000	1,176,510	887,000	907,000	712,800	4,303,310	5,207,500
Transfer from General Fund - W & S Utilities	420,900	-	350,000			150,000	500,000	
Transfer from General Fund - Schools	3,724,849	3,724,849	3,780,722	3,837,433	3,894,994	3,953,419	19,191,417	20,674,606
Transfer from other Capital Projects	623,000					425,000	425,000	
County Capital Fund Balance								
Visitors Bureau Fund Balance								
Solid Waste Fund Balance	585,387	3,316,846	722,069	754,119	1,124,726	785,756	6,703,516	4,221,038
Sportsplex Fund Balance	660,000	710,000	225,000	250,000	310,000	375,000	1,870,000	
Recycling - 3R Fee	345,821		214,055	753,918	1,101,004	522,316	2,591,293	5,042,914
Lottery Proceeds	1,321,350	1,353,811	1,353,811	1,353,811	1,353,811	1,353,811	6,769,055	6,769,055
QSCBs								
Register of Deeds Fees	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
9-1-1 Funds	716,504	198,000		30,000			228,000	
Grants & Contributions	10,000	225,000	300,000	3,412,500	242,500	125,000	4,305,000	3,082,500
User Fees/Donations							-	125,000
Article 46 Sales Tax Proceeds	2,600,000	2,639,000	2,678,585	2,718,764	2,759,545	2,800,938	13,596,832	14,647,656
Article 46 Sales Tax Reserve Funds					185,000		185,000	
State Revolving Loan Funds	134,200	621,250					621,250	

	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Financing:</i>								
<i>Debt Financing - County Capital</i>	4,529,450	3,751,000	5,422,000	10,300,069	8,539,000	36,748,508	64,760,577	45,914,760
<i>Debt Financing - W &amp; S Utilities</i>	4,256,046	275,000	5,186,000	2,500,000			7,961,000	1,000,000
<i>Debt Financing - Solid Waste</i>		-	1,687,868	288,517			1,976,385	
<i>Debt Financing - Sportsplex</i>			950,000	1,900,000	900,000		3,750,000	
<i>Debt Financing - E-9-1-1</i>		1,003,242					1,003,242	
<i>Debt Financing - Schools Capital</i>	21,500,000	3,928,750	3,854,042	12,800,594	1,168,474	6,686,266	28,438,126	108,694,141
<b>Total</b>	<b>43,256,904</b>	<b>22,605,748</b>	<b>27,980,662</b>	<b>41,866,725</b>	<b>22,566,054</b>	<b>54,718,814</b>	<b>169,738,003</b>	<b>215,779,170</b>

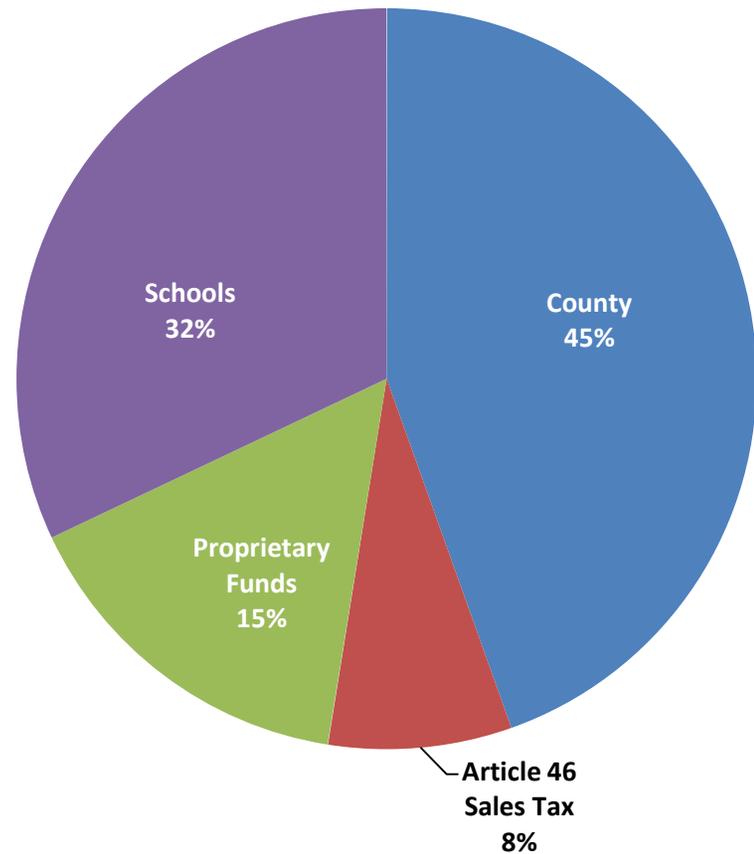
<sup>(1)</sup> Orange County has established three Proprietary Funds used to account for services provided to customers. All three Funds are established as enterprise funds and fees are imposed on customers to pay for the full cost of providing the services. The Water & Sewer Utilities Fund accounts for revenues and expenses related to the provision of sewer service. The Solid Waste Fund accounts for the revenues and expenses related to the provision of solid waste disposal and recycling activities. The Sportsplex Fund accounts for the revenues and expenses related to the services provided at the Triangle Sportsplex.

**FY 2013-18 Orange County Capital Investment Plan Projects  
County-Wide Summary - Appropriations**

**Year 1: FY 2013-14  
\$22,605,748**

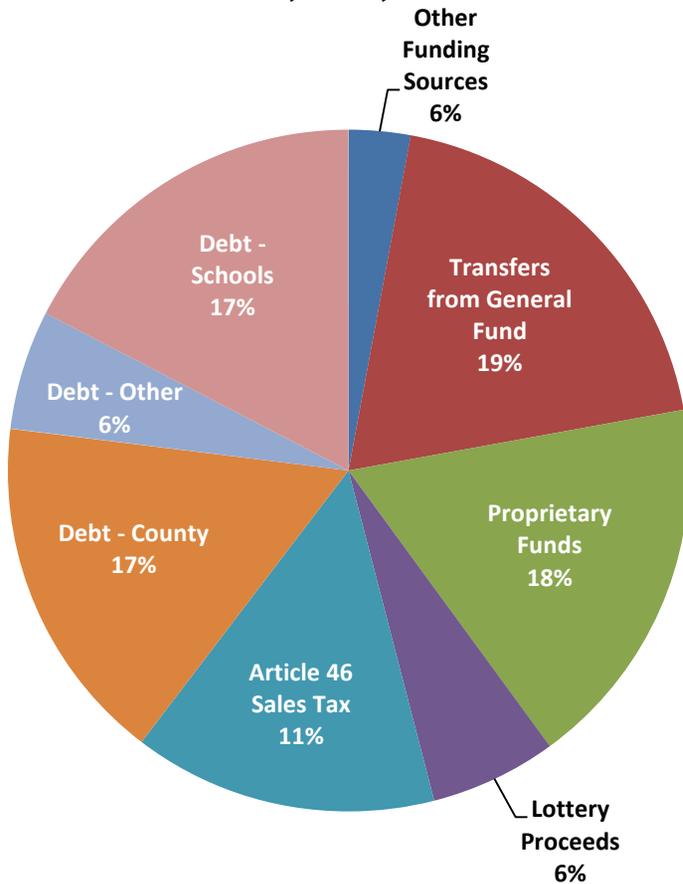


**Years 1-5: 2013-2018  
\$169,738,003**

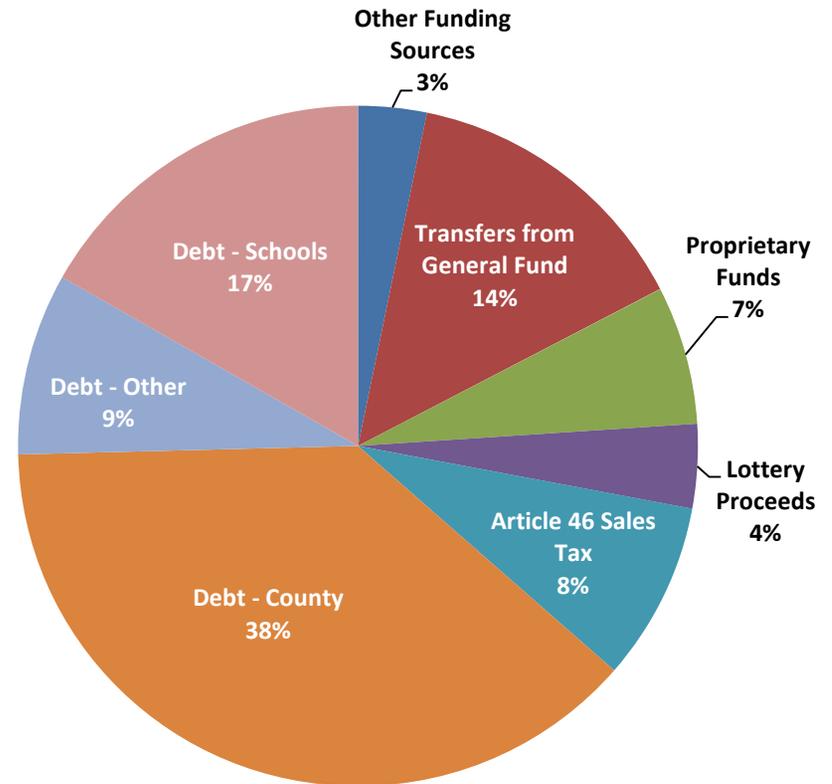


## FY 2013-18 Orange County Capital Investment Plan Projects County-Wide Summary - Revenues

**Year 1: FY 2013-14**  
**\$22,605,748**



**Years 1-5: 2013-2018**  
**\$169,738,003**



**Notes:**

**Other Funding Sources** includes Available Project Balances, Register of Deeds Fees, E-9-1-1 Funds, Grants/Contributions, User Fees/Donations, State Revolving Loan Funds, Transfers from Capital Reserve and Transfers from Other Capital Projects.

**Transfers from General Fund** includes transfers to County Projects, Water and Sewer Utilities, and Schools.

**Proprietary Fund** includes Recycling-3R Fees, Solid Waste Fund Balance and Sportsplex Fund Balance.

**Debt - Other** includes debt for E-9-1-1, Solid Waste, Sportsplex and Water and Sewer Utilities projects.

**APPROVED - Article 46 Sales Tax Fund Summary  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Article 46 Sales Tax</b>									<b>Project Status</b>
<b>Functional Service Area</b>	<b>Special Revenue Fund</b>									<b>Starting Date</b>
<b>Department</b>										<b>Completion Date</b>
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>	
<i>Appropriation</i>										
<i>Economic Development</i>	312,500	1,300,000	1,319,500	1,339,293	1,359,382	1,379,773	1,400,469	<b>6,798,416</b>	7,323,828	
<i>Chapel Hill-Carrboro City Schools</i>	190,625	799,500	811,492	823,664	836,020	848,560	861,288	<b>4,181,024</b>	4,504,154	
<i>Orange County Schools</i>	121,875	500,500	508,008	515,628	523,362	531,212	539,181	<b>2,617,391</b>	2,819,674	
<i>Total Project Budget</i>	<b>625,000</b>	<b>2,600,000</b>	<b>2,639,000</b>	<b>2,678,585</b>	<b>2,718,764</b>	<b>2,759,545</b>	<b>2,800,938</b>	<b>13,596,831</b>	<b>14,647,656</b>	
<i>General Fund Related Operating Costs</i>										
<i>Personnel Services</i>										
<i>Operations</i>										
<i>New Debt Service</i>										
<i>Total Operating Costs</i>			-	-	-	-	-	-	-	
<i>Revenues/Funding Source</i>										
<i>Article 46 Sales Tax</i>	625,000	2,600,000	2,639,000	2,678,585	2,718,764	2,759,545	2,800,938	13,596,831	14,647,656	
<i>Total</i>	<b>625,000</b>	<b>2,600,000</b>	<b>2,639,000</b>	<b>2,678,585</b>	<b>2,718,764</b>	<b>2,759,545</b>	<b>2,800,938</b>	<b>13,596,831</b>	<b>14,647,656</b>	

**Project Description/Justification**

The Article 46 (1/4 cent) Sales Tax was approved by the voters in the November 2011 election, and became effective April 1, 2012. The anticipated revenue generated in FY 2012-13 is \$2,600,000, with an assumption of 1.5% growth in subsequent years. 50% of the proceeds are for Economic Development initiatives, and 50% of the proceeds for Education (allocated by the ADM count of the two school districts). Prior Years Funding reflects FY 2011-12, when proceeds for the April-June 2012 quarter were estimated at \$625,000.

**APPROVED - Water & Sewer Utilities Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
<i>Efland/North Buckhorn Sewer Expansion</i>	-						-	
<i>McGowan Creek Outfall</i>	134,200	621,250					621,250	
<i>Lake Orange Capital Maintenance</i>	69,300						-	
<i>Buckhorn-Mebane EDD Phase 2</i>	4,256,046						-	
<i>Buckhorn-Mebane EDD Phase 3 &amp; 4</i>			350,000	2,500,000			2,850,000	
<i>Efland Sewer Flow to Mebane</i>	151,600	160,000	3,436,000				3,596,000	
<i>Richmond Hills Pump Station Rehab</i>					185,000		185,000	
<i>Hillsborough EDD</i>						150,000	150,000	1,000,000
<i>Eno EDD</i>	200,000	115,000	1,750,000				1,865,000	
<b>Total</b>	<b>4,811,146</b>	<b>896,250</b>	<b>5,536,000</b>	<b>2,500,000</b>	<b>185,000</b>	<b>150,000</b>	<b>9,267,250</b>	<b>1,000,000</b>
<b>General Fund Related Operating Costs</b>								
<i>Personnel Services</i>								
<i>Operations</i>								
<i>New Debt Service</i>		489,282	556,714	971,594	1,171,594	1,171,594	4,360,778	5,857,970
<i>Total Operating Costs</i>		<b>489,282</b>	<b>556,714</b>	<b>971,594</b>	<b>1,171,594</b>	<b>1,171,594</b>	<b>4,360,778</b>	<b>5,857,970</b>
<b>Revenues/Funding Source</b>								
<i>Transfer from General Fund</i>	420,900	-	350,000			150,000	500,000	
<i>Transfer from Other Projects</i>							-	
<i>General Fund - Debt Service Payments</i>		148,798	194,230	194,230	194,230	194,230	925,718	971,150
<i>Article 46 Sales Tax - Debt Service</i>		340,484	362,484	777,364	977,364	977,364	3,435,060	4,886,820
<i>Reserve Funds - Article 46 Sales Tax</i>					185,000		185,000	
<i>County Capital Fund Balance</i>	-						-	
<i>EPA Special Appropriations Grant</i>							-	
<i>State Revolving Loan Funds</i>	134,200	621,250					621,250	
<i>Debt Financing - Article 46 Sales Tax</i>	4,256,046	275,000	5,186,000	2,500,000			7,961,000	1,000,000
<b>Total</b>	<b>4,811,146</b>	<b>1,385,532</b>	<b>6,092,714</b>	<b>3,471,594</b>	<b>1,356,594</b>	<b>1,321,594</b>	<b>13,628,028</b>	<b>6,857,970</b>

The Water & Sewer Utilities Fund accounts for revenues and expenses related to the provision of sewer service.

**APPROVED - Solid Waste Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
<i>Environmental Support</i>			100,592				100,592	
<i>Sanitation</i>	278,895	150,000	1,894,812	505,808	522,865	156,139	3,229,624	1,631,799
<i>Recycling Operation</i>	345,821		214,055	753,918	1,101,004	522,316	2,591,293	5,042,914
<i>Landfill - MSW*</i>		3,166,846					3,166,846	
<i>Landfill - C &amp; D</i>	306,492		414,533	536,828	601,861	629,617	2,182,839	2,589,239
<b>Total</b>	<b>931,208</b>	<b>3,316,846</b>	<b>2,623,992</b>	<b>1,796,554</b>	<b>2,225,730</b>	<b>1,308,072</b>	<b>11,271,194</b>	<b>9,263,952</b>
<b>Revenues/Funding Source</b>								
<i>Sold Waste Fund Balance</i>	931,208	3,316,846	936,124	1,508,037	2,225,730	1,308,072	9,294,809	4,221,038
<i>3R Fee</i>							-	5,042,914
<i>Debt Financing</i>		-	1,687,868	288,517			1,976,385	
<i>Grant</i>							-	
<b>Total</b>	<b>931,208</b>	<b>3,316,846</b>	<b>2,623,992</b>	<b>1,796,554</b>	<b>2,225,730</b>	<b>1,308,072</b>	<b>11,271,194</b>	<b>9,263,952</b>

Solid Waste/Landfill Fund is a self supporting Proprietary Fund that is used to account for revenues and expenses related to the provision of solid waste disposal and recycling activities for the citizens of Orange County.

\*\$3,120,815 was originally budgeted in FY 2012-13, but costs will be realized in FY 2013-14 due to a delay by the State in approval of the closure plan. The Landfill closed on June 30, 2013, and closure construction costs of \$3,166,846 will be incurred in FY 2013-14.

**APPROVED - Sportsplex Capital Projects Summary**  
**Fiscal Years 2013-18**

<b>Project Budget</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
Land/Building Design Construction/Repairs/Renovations		30,000					30,000	
<i>New Facilities Projects:</i>								
Major Expansion Phase 1 (1)			950,000				950,000	
Major Expansion Phase 2 (1)				1,900,000			1,900,000	
Major Expansion Phase 3 (1)					900,000		900,000	
<i>Renovation Projects:</i>								
Lobby - Renovations (floor, walls, lighting) (8a)	165,000						-	
Lobby - Renovations (program space expansion)		110,000					110,000	
Girls/Women's Locker-room (5)		30,000					30,000	
Men's and Women's Bathrooms (7)		40,000					40,000	
<i>Facility Maintenance/Replacement Items:</i>								
Parking Lot Repair/Repave				150,000			150,000	
Pool Roof repair	180,000						-	
Pool wall reglaze			125,000				125,000	
Tilt up Panel (exterior wall system)			100,000				100,000	
Rotating Fitness Equipment Upgrade/Replacement (9)		100,000		100,000		100,000	300,000	
Kidsplex Equipment Upgrade (10)						50,000	50,000	
New UV System for Pool	100,000						-	
Bleachers (2)		20,000					20,000	
Pool pump/boiler #2						50,000	50,000	
Cooling Tower Replacement	100,000						-	
Major upgrade of Servers, Telephones (8)	35,000						-	
Rink concrete ice floor repair (3)		75,000				75,000	150,000	
Rink de-humidification /Ice Rink Munters		125,000					125,000	
Zamboni		100,000					100,000	
Major rebuild - compressors/chiller barrel					100,000		100,000	
Lobby - HVAC Replacement	80,000						-	
Climbing Wall ( outside- fee based)					100,000		100,000	
HVAC Contingency (12)					50,000	50,000	100,000	
IT Contingency (12)						50,000	50,000	
Ice Rink/Fitness Wall Repair Paint Project					40,000		40,000	
Pool Lane Timer/Scoreboard (4)		15,000					15,000	
Rink Scoreboard					20,000		20,000	
Outside Pavilion/Play Area (6)		45,000					45,000	
Inflatables (13)		20,000					20,000	
<b>Total</b>	<b>660,000</b>	<b>710,000</b>	<b>1,175,000</b>	<b>2,150,000</b>	<b>1,210,000</b>	<b>375,000</b>	<b>5,620,000</b>	
<b>Revenues/Funding Source</b>								
Sportsplex Fund Balance	660,000	710,000	225,000	250,000	310,000	375,000	1,870,000	
Transfer from General Fund			950,000	1,900,000	900,000		3,750,000	
Debt Financing								
<b>Total</b>	<b>660,000</b>	<b>710,000</b>	<b>1,175,000</b>	<b>2,150,000</b>	<b>1,210,000</b>	<b>375,000</b>	<b>5,620,000</b>	

1. Review with Engineers/Designers revealed that previously proposed Phase 2 Mezzanine (ice) is not feasible. However project has been re-scoped to create national class recreation facility adding indoor turf and court. Project defined to straddle three years:
  - a. Phase 1 is the originally contemplated pool mezzanine of 5,400 sq. ft. featuring new member lockers; dedicated spin/row/"Krank" room and 1,800 sq. ft. senior/ adult cardio/ strength center.
  - b. Phase 2 is a new building addition of 95x165 that will house a turf field to be used for soccer, lacrosse, senior walking, running, kidsplex, kickball and programs proprietary to RFP such as Lil Kickers that will be brought to Orange County. NOTE: this is a new CIP project proposed by the operator of the Sportsplex, and the projected annual revenues related to this project is anticipated to cover the annual debt service required for this project.
  - c. Phase 3 is a new regulation sized high school/college basketball court (50x84) housed in a building footprint of 75x100 to include bleacher seating. NOTE: this is a new CIP project proposed by the operator of the Sportsplex, and the projected annual revenues related to this project is anticipated to cover the annual debt service required for this project.
  - d. There has been positive dialogue with the Town of Hillsborough on parking approval
2. Bleachers to add seating for rink based venues such as Nutcracker; Skating competitions; Collegiate hockey; Youth hockey ( portable to pool)
3. Rink floor reapr split into two projects
4. Pool Electronic Timer and scoreboard. Scoreboard is 19 years old and failing. Repairs are costly and increasingly less feasible. Required for revenue generating swim meets and lane training
5. Increasingly, youth and adult teams are co-ed. Proposal to convert referee room into girls/women's change room and build replacement ref room and storage in part of Zamboni room
6. Outside pavilion to be built tin flat grassy area to the west of pond. To be used for Kidsplex outdoor activities; rented for parties. Orange County Charter School has expressed interest in partnering. There may also be grants available.
7. Men's and Women's main lobby bathrooms are very worn. Replace flooring; stall dividers; paint; replace eiling tiles. Efficient lighting (motion sensor) and low flow plumbing fixtures. Lower counters and child appropriate toilets. Add safe, locked storage for cleaning supplies. ( all of this has been noted by the Health Inspector)
8. Servers upgraded out of equipment repair/replace budget in 2012/13. Building wide telephone/intercom still required
- 8(a) Facilitates 1,834 additional GroupX space for programs. Results in \$312,000 incremental annual revenue.
9. Major cardio equipment typically has an estimated useful life of 3 years with the heavy usage being experienced by the increasing Sportsplex membership. While rigorous regular maintenance programs can extend life, it is appropriate to maintain a budgeted contingency based on industry replacement standards. Aftermarket for used equipment is not known.
10. Similar to above. With growth in Kidsplex program we expect more capital needs for this program
11. Pumps and boilers have the least useful life of all mechanical classes of equipment. Contingency for replacement.
12. Contingency for HVAC equipment and major IT equipment such as server.
13. Inflatables. This is one of the lowest cost ways to generate revenue. Can be used for Kidsplex; Parties and for fee admission using renovated lobby space. Quality inflatables can be purchased for \$2,500 to \$3,000 each. Payback is less than one year.

**APPROVED - Schools Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects by School System</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Chapel Hill Carrboro City Schools</b>								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds <sup>(1)</sup>	2,290,782	2,290,782	2,325,144	2,360,021	2,395,421	2,431,353	11,802,720	12,714,884
Lottery Proceeds <sup>(2)</sup>	815,000	839,960	839,960	839,960	839,960	839,960	4,199,800	4,199,800
Culbreth MS Science Wing Addition		600,000	3,854,042	517,634			4,971,676	
Middle School #5					1,168,474	6,686,266	7,854,740	31,995,940
Carrboro HS Additions								19,743,948
Elementary # 12								35,476,053
QSCBs								
Elementary # 11	21,500,000						-	
<b>Total</b>	<b>24,605,782</b>	<b>3,730,742</b>	<b>7,019,146</b>	<b>3,717,615</b>	<b>4,403,855</b>	<b>9,957,579</b>	<b>28,828,936</b>	<b>104,130,625</b>
<b>Orange County Schools</b>								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds <sup>(1)</sup>	1,434,067	1,434,067	1,455,578	1,477,412	1,499,573	1,522,066	7,388,696	7,959,722
Lottery Proceeds <sup>(2)</sup>	506,350	513,851	513,851	513,851	513,851	513,851	2,569,255	2,569,255
OSCBs								
Elementary #8								21,478,200
Cedar Ridge HS Auxilliary Gym		3,328,750	-				3,328,750	
Cedar Ridge HS Classroom Wing				12,282,960			12,282,960	
<b>Total</b>	<b>1,940,417</b>	<b>5,276,668</b>	<b>1,969,429</b>	<b>14,274,223</b>	<b>2,013,424</b>	<b>2,035,917</b>	<b>25,569,661</b>	<b>32,007,177</b>
<b>Total all Schools</b>	<b>26,546,199</b>	<b>9,007,410</b>	<b>8,988,575</b>	<b>17,991,838</b>	<b>6,417,279</b>	<b>11,993,496</b>	<b>54,398,597</b>	<b>136,137,802</b>
<b>Revenues/Funding Source</b>								
General Fund (Pay-As-You-Go)	3,724,849	3,724,849	3,780,722	3,837,433	3,894,994	3,953,419	19,191,416	20,674,606
Lottery Proceeds	1,321,350	1,353,811	1,353,811	1,353,811	1,353,811	1,353,811	6,769,055	6,769,055
Debt Financing	21,500,000	3,928,750	3,854,042	12,800,594	1,168,474	6,686,266	28,438,126	108,694,141
QSCBs	-							
<b>Total</b>	<b>26,546,199</b>	<b>9,007,410</b>	<b>8,988,575</b>	<b>17,991,838</b>	<b>6,417,279</b>	<b>11,993,496</b>	<b>54,398,597</b>	<b>136,137,802</b>

**Note 1:** The Article 46 one quarter cent sales tax proceeds for schools is included in the Special Revenue Projects section of the CIP.

**Note 2:** School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need.

<sup>(1)</sup> Pay-As-You-Go funds reflect same funding in FY 2013-14 as in FY 2012-13, and assumes a 1.5% annual growth throughout the 5 year CIP period.

**NOTE:** additional PAYG funding was approved in FY 2012-13 to reflect savings in debt service in FY 2012-13.

<sup>(2)</sup> Lottery Proceeds are assumed at the same amount throughout the 5 year CIP period, based on the most recent lottery estimates from the State. The funds will be distributed on the basis of each school system's Average Daily Membership (ADM).

**APPROVED - County Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
<i>Emergency Services 510 Meadowlands</i>	37,500	100,000					<b>100,000</b>	
<i>Northern Human Services Center</i>	250,000		2,000,000				<b>2,000,000</b>	
<i>Seymour Senior Center</i>	70,000						-	
<i>Southern Orange Campus (Future Planning)</i>	300,000		400,000	3,600,000			<b>4,000,000</b>	
<i>Southern Human Services (Expansion)</i>					6,650,000		<b>6,650,000</b>	
<i>Southern Branch Library</i>	50,000	600,000			525,000	3,500,000	<b>4,625,000</b>	3,500,000
<i>Upfit of Link Gov Services Center</i>	25,000						-	
<i>HVAC Projects - Geothermal</i>	1,759,200	130,000	52,500	-			<b>182,500</b>	1,610,760
<i>Roofing Projects</i>	165,000	115,000	179,010	390,569	389,500	87,800	<b>1,161,879</b>	
<i>Affordable Housing</i>	170,000	170,000					<b>170,000</b>	
<i>Information Technology</i>	950,000	800,000	500,000	500,000	500,000	500,000	<b>2,800,000</b>	2,500,000
<i>Register of Deeds Automation</i>	75,000	75,000	80,000	80,000	80,000	80,000	<b>395,000</b>	400,000
<i>Animal Services Facility</i>					100,000		<b>100,000</b>	
<i>Proposed Jail</i>		250,000		500,000	500,000	29,000,000	<b>30,250,000</b>	
<i>Whitted Building</i>	295,000	1,500,000					<b>1,500,000</b>	
<i>Energy Bank</i>	50,000	50,000	50,000				<b>100,000</b>	
<i>Environment and Agriculture Center</i>						1,353,508	<b>1,353,508</b>	
<i>Government Services Center Annex</i>						350,000	<b>350,000</b>	
<i>Historic Rogers Road Community Center</i>	650,000							
<i>Viper Radio System</i>	543,750	500,000	500,000		500,000	500,000	<b>2,000,000</b>	1,000,000
<i>Communication System Improvements</i>	984,901	1,371,242	122,000	307,000	39,000	920,000	<b>2,759,242</b>	
<i>EMS Substations</i>	50,000	-		875,000		875,000	<b>1,750,000</b>	875,000
<i>Blackwood Farm Park</i>	50,000	-	-	-	-	-	-	8,000,000
<i>Bingham District Park</i>							-	7,000,000
<i>Cedar Grove Park Phase II</i>							-	1,600,000
<i>Conservation Easements</i>		250,000	250,000	250,000	250,000	250,000	<b>1,250,000</b>	1,250,000
<i>Upper Eno Nature Preserve-Public Access Area</i>				440,000			<b>440,000</b>	440,000
<i>Eurosport Soccer Center Phase II</i>			145,000	942,000		675,000	<b>1,762,000</b>	4,639,000
<i>Lands Legacy</i>			2,400,000				<b>2,400,000</b>	2,000,000
<i>Millhouse Road Park</i>			100,000	6,400,000			<b>6,500,000</b>	3,000,000
<i>Mountains to Sea Trail</i>							-	500,000
<i>New Hope Preserve/Hollow Rock Public Access</i>	10,000	125,000	200,000		235,000		<b>560,000</b>	165,000
<i>Northeast District Park</i>							-	8,000,000
<i>River Park Phase II</i>				250,000			<b>250,000</b>	
<i>Twin Creeks Park Campus Phase II</i>	600,000						-	8,000,000
<i>Joint Artificial Turf Soccer Fields - Town of CH</i>	623,000							
<i>Little River Park Phase II</i>				175,000			<b>175,000</b>	250,000
<b>Total</b>	<b>7,708,351</b>	<b>6,036,242</b>	<b>6,978,510</b>	<b>14,709,569</b>	<b>9,768,500</b>	<b>38,091,308</b>	<b>75,584,129</b>	<b>54,729,760</b>

<b>Projects</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Revenues/Funding Source</b>								
<i>Available Project Balances</i>	450,000	164,000					164,000	
<i>Transfer from Capital Reserve</i>	50,000							
<i>Transfer from General Fund</i>	1,254,397	620,000	1,176,510	887,000	907,000	712,800	4,303,310	5,207,500
<i>Transfer from Other Projects</i>	623,000					425,000	425,000	
<i>Register of Deeds Fees</i>	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
<i>User Fees/Donations</i>								125,000
<i>County Capital Fund Balance</i>								
<i>Visitors Bureau Fund Balance</i>								
<i>9-1-1 Funds</i>	716,504	198,000		30,000			228,000	
<i>Grant Funding from State/Fed for Parks</i>		200,000	250,000	125,000	125,000	125,000	825,000	1,375,000
<i>Contributions from Other Infrastructure Partners</i>	10,000	25,000	50,000	3,287,500	117,500		3,480,000	1,707,500
<i>Debt Financing - E-9-1-1</i>		1,003,242					1,003,242	
<i>Debt Financing</i>	4,529,450	3,751,000	5,422,000	10,300,069	8,539,000	36,748,508	64,760,577	45,914,760
<b>Total</b>	<b>7,708,351</b>	<b>6,036,242</b>	<b>6,978,510</b>	<b>14,709,569</b>	<b>9,768,500</b>	<b>38,091,308</b>	<b>75,584,129</b>	<b>54,729,760</b>

**APPROVED - County Capital Operating Impact Summary  
Fiscal Years 2013-18**

<b>Related Operating Costs</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Personnel Services</i>							
<i>Blackwood Farm Park</i>	12,000	12,000	12,000	12,000	12,000	60,000	325,000
<i>Bingham District Park</i>						-	81,000
<i>Cedar Grove Park Phase II</i>							20,000
<i>Upper Eno Nature Preserve</i>				80,000	80,000	160,000	400,000
<i>Millhouse Road Park</i>						-	240,000
<i>Twin Creeks Park</i>						-	160,000
<i>Operations</i>							
<i>Blackwood Farm Park</i>	5,000	5,000	5,000	5,000	5,000	25,000	275,000
<i>Bingham District Park</i>							165,000
<i>Upper Eno Nature Preserve</i>				10,000	10,000	20,000	80,000
<i>Eurosport Soccer Center Phase II</i>				5,000	5,000	10,000	61,000
<i>Millhouse Road Park</i>						-	300,000
<i>New Hope Preserve</i>						-	
<i>Northeast District Park</i>			10,000			10,000	
<i>Twin Creeks Park</i>						-	200,000
<i>Debt Service</i>							
<i>Northern Human Services Center</i>			192,000	192,000	192,000	576,000	960,000
<i>Southern Human Services Center Future Planning</i>	28,800	28,800	67,200	412,800	412,800	950,400	2,064,000
<i>Southern Human Services Center Expansion</i>	17,280	17,280	17,280	17,280	655,680	724,800	3,278,400
<i>Southern Branch Library</i>		41,856	41,856	41,856	92,256	217,824	3,485,280
<i>Upfit of Link Gov Services Center</i>						-	
<i>HVAC Projects - Geothermal</i>	168,883	170,131	170,131	170,131	170,131	849,407	1,623,820
<i>Roofing Projects</i>	15,840	15,840	15,840	50,215	50,215	147,950	251,075
<i>Information Technology</i>	260,892	423,612	423,612	423,612	423,612	1,955,340	423,612
<i>Proposed Jail</i>		24,000	24,000	72,000	144,000	264,000	14,520,000
<i>Whitted Building</i>	28,320	162,720	162,720	162,720	162,720	679,200	813,600
<i>Environment and Agriculture Center</i>						-	649,685
<i>Government Services Center Annex</i>							168,000
<i>Viper Radio System</i>	118,701	227,853	337,005	337,005	446,157	1,466,721	1,309,824
<i>Communication System Improvements</i>	35,801	291,921	318,554	379,023	387,537	1,412,836	1,528,769
<i>EMS Substations</i>		-	-	84,000	84,000	168,000	1,260,000
<i>Blackwood Farm Park</i>		-	-	-	-	-	1,670,400
<i>Upper Eno Nature Preserve</i>				42,240	42,240	84,480	211,200
<i>Eurosport Soccer Center Phase II</i>				76,800	76,800	153,600	504,000
<i>Lands Legacy</i>			230,400	230,400	230,400	691,200	1,152,000
<i>Millhouse Road Park</i>				307,200	307,200	614,400	1,536,000

	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<b>Related Operating Costs</b>							
<i>Northeast District Park</i>						-	
<i>River Park, Phase II</i>				24,000	24,000	48,000	120,000
<i>Twin Creeks Park</i>	57,600	57,600	57,600	57,600	57,600	288,000	288,000
<i>Central Efland/North Buckhorn Sewer</i>	148,798	148,798	148,798	148,798	148,798	743,990	743,990
<i>McGowan Creek Outfall</i>		45,432	45,432	45,432	45,432	181,728	227,160
<i>Buckhorn EDD Phase 2</i>	340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418
<i>Buckhorn EDD Phase 3 &amp; 4</i>				200,000	200,000	400,000	1,000,000
<i>Efland Sewer Flow to Mebane</i>		12,800	287,680	287,680	287,680	875,840	1,438,400
<i>Hillsborough EDD</i>						-	-
<i>Eno EDD</i>		9,200	149,200	149,200	149,200	456,800	746,000
<i>Total</i>	<b>1,238,399</b>	<b>2,035,327</b>	<b>3,056,792</b>	<b>4,364,476</b>	<b>5,242,942</b>	<b>15,937,936</b>	<b>45,982,633</b>
<b>Revenues/Funding Source</b>							
<i>General Fund - Operations</i>	17,000	17,000	27,000	215,000	215,000	491,000	2,307,000
<i>General Fund - Debt Service</i>	876,915	1,382,395	1,978,980	2,898,664	3,777,130	10,914,084	37,959,367
<i>E-9-1-1 Fund - Debt Service</i>		269,448	269,448	269,448	269,448	1,077,792	269,448
<i>Article 46 Sales Tax - Debt Service</i>	340,484	362,484	777,364	977,364	977,364	3,435,060	4,886,818
<i>Operations/funding from other sources</i>							540,000
<i>User Fees</i>	4,000	4,000	4,000	4,000	4,000	20,000	20,000
<i>Total</i>	<b>1,238,399</b>	<b>2,035,327</b>	<b>3,056,792</b>	<b>4,364,476</b>	<b>5,242,942</b>	<b>15,937,936</b>	<b>45,982,633</b>

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Emergency Services Meadowlands</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Governing and Management</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Asset Management Services</b>						<b>Completion Date</b>	<b>6/30/2014</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>	3,531,714								
<i>Rear area impervious surface installation</i>			100,000					100,000	
<i>Additional site/dock work (create exterior dock @ pallet width)</i>									-
<i>Equipment/Furnishings</i>									-
<i>MIRV upfit</i>									-
<i>Other building (sound insulation, awning, rollup door openers)</i>		25,000							-
<i>Facility build out (ramp)</i>		12,500							-
<i>Total Project Budget</i>	<b>3,531,714</b>	<b>37,500</b>	<b>100,000</b>	-	-	-	-	<b>100,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	1,362,991	37,500	100,000					100,000	
<i>Transfer from Projects</i>	283,723								
<i>Debt Financing</i>	1,885,000								
<i>Total</i>	<b>3,531,714</b>	<b>37,500</b>	<b>100,000</b>	-	-	-	-	<b>100,000</b>	-

**Project Description/Justification**

Funding for this project would allow approximately 11,000 square feet of area to the rear of the Emergency Services facility at 510 Meadowlands to be developed as a gravel, multi-function area, in order to allow full utilization of the site during emergencies. The current grassy area would not support vehicular traffic, heavy staging of materials/supplies, set up of emergency services tents, etc. Current regulations require any area which exceeds 2,500 square feet to be engineered and constructed with site drainage and subsurface drainage pursuant to impervious surface requirements. Included for FY 2012-13: 1) installation of sound deadening materials above the call center to reduce overhead noise; 2) installation of a canopy at exterior access door to provide protection from elements; 3) supply & installation of automatic openers for roll-up doors (safety/worker comp issue), and 4) improvements to multi-incident response vehicle (MIRV). 01/2012 UPDATE: 5) to include construction of a loading dock/apron to allow unloading of pallets onto an exterior surface.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Northern Human Services Center</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Governing and Management</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>6/30/2015</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Construction/Repairs/Renovations	714,545	250,000		2,000,000				2,000,000	
Equipment/Furnishings								-	
								-	
<i>Total Project Budget</i>	<b>714,545</b>	<b>250,000</b>	-	<b>2,000,000</b>	-	-	-	<b>2,000,000</b>	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service					192,000	192,000	192,000	576,000	960,000
<i>Total Operating Costs</i>			-	-	<b>192,000</b>	<b>192,000</b>	<b>192,000</b>	<b>576,000</b>	<b>960,000</b>
<i>Revenues/Funding Source</i>									
General Fund - Debt Service	396,545				192,000	192,000	192,000	576,000	960,000
Available Project Balance		250,000						-	
Debt Financing	318,000			2,000,000				2,000,000	
								-	
<i>Total</i>	<b>714,545</b>	<b>250,000</b>	-	<b>2,000,000</b>	<b>192,000</b>	<b>192,000</b>	<b>192,000</b>	<b>2,576,000</b>	<b>960,000</b>

**Project Description/Justification**

In 2011 the Board expressed interest in removing the Northern Center building, or parts thereof, and replacing it with a functionally superior and environmentally sustainable facility. Consideration was given to both 1) complete removal of the existing facility, and replacement with a new, standalone community building, and 2) removal of portions of the existing building (north and south classroom wings, including main restrooms), with adaptive reuse of remaining portions of the building. Staff met with community representatives on several occasions, and discussed conceptual ideas for site development. The Board received information during their January 24, 2012 meeting which allowed for increased specificity in the project development description and consequently, a cost estimate for construction. An additional community meeting was held by County staff at the Northern Center on September 25, 2012 to review the two options, and receive input regarding the preferred option for the community. An update was provided to the Board at their October 25, 2012 work session, including identification of the community preference for option 2 - partial deconstruction, with adaptive reuse of remaining portions of the building. At the November 8, 2012 Board meeting, the Board approved option 2, and authorized the Manager to engage a professional design firm through a request for qualifications (RFQ) process. Cedar Grove Day Care and Head Start staff vacated the building prior to January 31, 2013. It is anticipated that an agreement for design services will be brought to the Board prior to the end of FY 12-13, with design work to begin in FY 13-14.

The funds identified here would support the removal of portions of the Northern Human Services Center, and adaptive reuse, consistent with presentations to County Commissioners during the Fall of 2012. A deconstruction/demolition combination process will be followed, whereby a salvage operation will be conducted to remove items of value or with re-use potential from the portions of the building to be removed, with the remaining items that cannot be salvaged, removed using traditional demolition techniques. Most masonry products that cannot be reclaimed for direct reuse can be processed for use as an aggregate substitute. Costs for this operation include abatement of asbestos that is present in the building as well.

A portion of current year (FY 12-13) appropriation will be applied to design costs. The remainder will be applied to the overall project to include abatement, deconstruction and general construction.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Robert &amp; Pearl Seymour Senior Center</i>						<b>Project Status</b>	<i>Approved</i>	
<b>Functional Service Area</b>	<i>Governing and Management</i>						<b>Starting Date</b>	<i>7/1/2012</i>	
<b>Department</b>	<i>Asset Management Services</i>						<b>Completion Date</b>	<i>6/30/2013</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Generator</i>		70,000						-	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>		<b>70,000</b>	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>		70,000							-
<i>Debt Financing</i>									
<i>Total</i>		<b>70,000</b>	-	-	-	-	-	-	-

**Project Description/Justification**

The Seymour Center was originally designed to be "generator ready", which means in the event of an emergency, a generator would be brought on site to provide power to the Center. Availability of equipment the size and type that would be needed has become increasingly difficult to access on an "on-call" basis. Availability, delivery, and set up within the timeframe needed to set up sheltering operations at this site cannot be guaranteed. In order to ensure the facility is prepared in the event it is called into service as a sheltering option, the purchase and installation of a permanent generator is recommended. Cost has been increased from prior estimates to account for inflation. It is anticipated that this generator will be sourced in conjunction with the unit identified for the Whitted Center in order to obtain economies of scale for purchasing. Opportunities for grant funding will also be explored in conjunction with Emergency Services staff. Facility expansion needs identified by Dept on Aging staff will be identified as part of the Southern Orange Campus use planning process and will be incorporated in future CIP requests.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Southern Orange Campus future planning</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Governing and Management</b>						<b>Starting Date</b>	<b>7/1/2011</b>	
<b>Department</b>	<b>Asset Management Services</b>						<b>Completion Date</b>	<b>7/1/2017</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Professional Services - Design work</i>				400,000				400,000	
<i>Construction/Repairs/Renovations</i>					3,600,000			3,600,000	
<i>Site Master Plan</i>	100,000	300,000						-	
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget</i>	<b>100,000</b>	<b>300,000</b>	<b>-</b>	<b>400,000</b>	<b>3,600,000</b>	<b>-</b>	<b>-</b>	<b>4,000,000</b>	<b>-</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>								-	
<i>Operations</i>								-	
<i>New Debt Service</i>			28,800	28,800	67,200	412,800	412,800	950,400	2,064,000
<i>Total Operating Costs</i>			<b>28,800</b>	<b>28,800</b>	<b>67,200</b>	<b>412,800</b>	<b>412,800</b>	<b>950,400</b>	<b>2,064,000</b>
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>			28,800	28,800	67,200	412,800	412,800	950,400	2,064,000
<i>Transfer from Other Projects</i>								-	
<i>Debt Financing</i>	100,000	300,000		400,000	3,600,000			4,000,000	
<i>Total</i>	<b>100,000</b>	<b>300,000</b>	<b>28,800</b>	<b>428,800</b>	<b>3,667,200</b>	<b>412,800</b>	<b>412,800</b>	<b>4,950,400</b>	<b>2,064,000</b>

**Project Description/Justification**

This project includes site development infrastructure (utilities, access roads, curb & gutter, building pads, etc.) In February 2007, the Board approved a master plan concept for the Southern Human Services Center site and in November 2010, authorized the preparation of a formal Master Plan for the campus. The proposed Master Plan will include requirements associated with the needed SUP modification for separate site preparation activities that might be necessary to preserve the County's long-term development options at this location. This project would support master plan preparation costs as well as preliminary site development activities not associated with specific existing buildings on the campus. Expansion of existing buildings as reflected in the Master Plan will be presented as a separate CIP request specific to those facilities. December 2012 update: Board of County Commissioners approved a master plan and associated development guidelines, October 2012. Orange County is currently working with the Town of Chapel Hill to reach a mutually beneficial Special Use Permit modification ("SUP-M") that will guide use of this site. Staff is currently in the process of applying for this SUP-M and took the first step by presenting the plan and its guidelines to the Town of Chapel Hill Community Design Commission on November 28, 2012. Concept plan review with Chapel Hill Town Council occurred on February 11, 2013. With adequate response from the Town Council, County staff will pursue the SUP process throughout the rest of calendar year 2013, with approval of SUP-M anticipated in late 2013 or early 2014.

Funding included in FY 14-15 is for design services and regulatory processes. Funding included in FY 15-16 is for site development infrastructure.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	<i>Southern Human Services Center Expansion Governing and Management Asset Management Services</i>						Project Status Starting Date Completion Date	<i>Approved 7/1/2011 7/1/2017</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Health Clinic &amp; DSS Renovations</i>	180,000								
<i>Site Master Plan</i>									
<i>Building Expansion</i>						6,650,000		6,650,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>180,000</b>	-	-	-	-	<b>6,650,000</b>	-	<b>6,650,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>			17,280	17,280	17,280	17,280	655,680	724,800	3,278,400
<i>Total Operating Costs</i>			<b>17,280</b>	<b>17,280</b>	<b>17,280</b>	<b>17,280</b>	<b>655,680</b>	<b>724,800</b>	<b>3,278,400</b>
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>									
<i>Transfer from Other Projects</i>			17,280	17,280	17,280	17,280	655,680	724,800	3,278,400
<i>Debt Financing</i>	180,000					6,650,000		6,650,000	
<i>Total</i>	<b>180,000</b>	-	<b>17,280</b>	<b>17,280</b>	<b>17,280</b>	<b>6,667,280</b>	<b>655,680</b>	<b>7,374,800</b>	<b>3,278,400</b>

**Project Description/Justification**

This project includes expansion of the existing Southern Human Services Center, contingent upon approval of the SUP-M identified in the separate South Orange Campus Site Development project. In February 2007, the Board approved a master plan concept for the Southern Human Services Center site and in November 2010, authorized the preparation of a formal Master Plan for the campus, which included a Dental Clinic. The proposed Master Plan would include requirements associated with the needed SUP modification for separate site preparation activities that might be necessary to preserve the County's long-term development options at this location. Expansion of the existing building to accommodate future Human Services program needs is projected later in the plan to allow for the logical and timely development of master plan recommendations. A separate CIP request reflects preparation and preliminary development activities associated with the Orange County Southern Campus Master Plan.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Southern Branch Library</b>									<b>Project Status</b>	<b>Approved</b>
<b>Functional Service Area</b>	<b>Governing and Management</b>									<b>Starting Date</b>	<b>7/1/2011</b>
<b>Department</b>	<b>Asset Management Services</b>									<b>Completion Date</b>	<b>7/1/2018</b>
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>		
<i>Appropriation</i>											
<i>Land/Building</i>	50,000	50,000	600,000					600,000			
<i>Professional Services</i>						525,000		525,000			
<i>Construction/Repairs/Renovations</i>							3,500,000	3,500,000	3,500,000		
<i>Equipment/Furnishings</i>								-			
<i>Total Project Budget</i>	<b>50,000</b>	<b>50,000</b>	<b>600,000</b>	<b>-</b>	<b>-</b>	<b>525,000</b>	<b>3,500,000</b>	<b>4,625,000</b>	<b>3,500,000</b>		
<i>General Fund Related Operating Costs</i>											
<i>Personnel Services</i>								-			
<i>Operations</i>								-			
<i>New Debt Service</i>				41,856	41,856	41,856	92,256	217,824	3,485,280		
<i>Total Operating Costs</i>			<b>-</b>	<b>41,856</b>	<b>41,856</b>	<b>41,856</b>	<b>92,256</b>	<b>217,824</b>	<b>3,485,280</b>		
<i>Revenues/Funding Source</i>											
<i>General Fund - Debt Service</i>				41,856	41,856	41,856	92,256	217,824	3,485,280		
<i>Available Project Balances</i>	50,000	50,000	164,000					164,000			
<i>Debt Financing</i>			436,000			525,000	3,500,000	4,461,000	3,500,000		
<i>Total</i>	<b>50,000</b>	<b>50,000</b>	<b>600,000</b>	<b>41,856</b>	<b>41,856</b>	<b>566,856</b>	<b>3,592,256</b>	<b>4,842,824</b>	<b>6,985,280</b>		

**Project Description/Justification**

Funding is provided for purchase of land should the County Commissioners choose to move forward with the development of a Southern Branch Library. Additional resources in FY 2012-13 were approved to replenish funds spent during the unsuccessful property acquisition in 2011. Design and construction costs are projected within a timeframe commensurate with debt capacity; and the timeliness of design prior to construction commencement. 11/14/2012 update: three sites were presented to the Board of County Commissioners by the Town of Carrboro. If site selection criteria ID a clear "best" site, the date could move up. For FY 2013-14, the \$600,000 includes possible land purchase and design costs.

**County Capital Projects**  
**Fiscal Years 2013-18**

Project Name	<i>Up fit of Link Government Services Center</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Governing and Management</i>						Starting Date	<i>7/1/2000</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>Ongoing</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>	1,727,662	25,000						-	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>1,727,662</b>	<b>25,000</b>	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	1,116,962	25,000					-	-	-
<i>Debt Financing</i>	425,000							-	
<i>Federal EECBG funds</i>	185,700								
<i>Total</i>	<b>1,727,662</b>	<b>25,000</b>	-	-	-	-	-	-	-

**Project Description/Justification**

Link Phase 2 was an ongoing project to develop a permanent public meeting room for County Commissioners. Results of preliminary on-going discussions regarding meeting room development at the Whitted Building, or at another location, will reduce the amount of funding required for the Link Center project. \$25,000 is required to complete needed ADA and building security work in the Link Center, so if the balance for the meeting room funding is moved to Whitted, \$25K should remain with this project to complete that work. ADA work will include replacement of portions of the walkway leading to the first floor entrance as well as power assisted door openers for both first and second floor entrances, and will be completed in FY 12-13. Some funding will be required to modify the space for an alternative future use, but has not been included here at this time. 11/14/2012 update: status uncertain, due to potential use of Whitted or 208 S. Cameron for BOCC meeting room.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	HVAC Projects Governing and Management Asset Management Services						Project Status Starting Date	Approved 7/1/2000 Ongoing	
	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Completion Date	Year 6 to Year 10
<b>Project Budget</b>									
<i>Appropriation</i>									
Construction/Repairs/Renovations	617,223								
Community Geothermal (DA Bld, Jail (wells only), Historic Courthouse, CSA)	1,709,200							-	752,400
Jail (distribution equipment/system only)								-	
Efland CC HVAC Replacement			20,000		-			20,000	
Battle Courtroom geo-thermal HVAC		50,000						-	
SHSC - proposed for geo-thermal replacement								-	858,360
Hillsborough Commons - equipment replacement			45,000	30,000				75,000	
503 W Franklin (SDC) - equipment replacement			30,000	22,500				52,500	
WCOB - backup for cooling system for IT room,c/w notification system			35,000					35,000	
<b>Total Project Budget Geothermal</b>	<b>617,223</b>	<b>1,759,200</b>	<b>130,000</b>	<b>52,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>182,500</b>	<b>1,610,760</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			168,883	170,131	170,131	170,131	170,131	849,408	1,623,820
<b>Total Operating Costs</b>			<b>-</b>	<b>168,883</b>	<b>170,131</b>	<b>170,131</b>	<b>170,131</b>	<b>170,131</b>	<b>849,408</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund	617,223								
General Fund - Debt Service									
Available Funds Within the Project			168,883	170,131	170,131	170,131	170,131	849,408	1,623,820
Grant Funding ECCBG									
Debt Financing		1,759,200	130,000					130,000	1,610,760
<b>Total</b>	<b>617,223</b>	<b>1,759,200</b>	<b>298,883</b>	<b>222,631</b>	<b>170,131</b>	<b>170,131</b>	<b>170,131</b>	<b>1,031,908</b>	<b>3,234,580</b>

**Project Description/Justification**

In the absence of compelling reasons to the contrary, geothermal is projected for all HVAC replacement projects recommended in this Plan. While initial costs come at a slight premium over conventional systems, the on-going operational cost savings (30-35% annually) and the speed at which the premium capital cost is recovered, outweigh the initially more expensive installation. For example, the Justice Facility, whose system has been in use since 2008, is on track to recoup the premium cost by 2016 and is experiencing a 30% savings in annual heating and cooling costs. The Link Government Services Center geothermal project was completed in 2012 and is realizing energy reductions similar to the Justice Center. The Link Center project was partially funded by ARRA grant funds. The system was sized in a manner that will accommodate any future development of the north end of the first floor. The remaining components of the Community Geothermal Project, approved for funding in 2012/13, and currently in the design phase, will serve the remaining facilities on the "East Campus", including the Jail, District Attorney's office, Historic Courthouse, and the Court Street Annex. Staff will continue to investigate opportunities for grant funding for geo-thermal projects. If grant funds become available, project timelines may move up. UPDATE: The timing of work for remaining east campus buildings has been revised as follows: 1) the well field required to serve the Historic Courthouse, Jail, Court Street Annex and DA Building will be constructed in its entirety; 2) interior work will be completed for all facilities excluding the Jail, for which interior work will be completed following occupancy of the proposed new Jail (2016/17). This will allow interior work at the Jail to be completed at lower occupancy levels; All pricing has been updated to reflect actual costs from Link Center construction. 11/14/2012 update: Geo-thermal to serve the Southern Human Services Center may be included as part of the Southern Campus development project.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	Roofing Projects Governing and Management Asset Management Services						Project Status Starting Date Completion Date		Approved 7/1/2000 Ongoing
	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<b>Project Budget</b>									
<i>Appropriation</i>									
Construction/Repairs/Renovations	1,433,100								
Court Street Annex	75,000							-	
Jail (1997 Addition) 3 sectors		16,000			142,000		18,000	160,000	
Justice Facility (New Courthouse) - Two flat roofs		35,000						-	
503 W. Franklin (Skills Development Center - 9 sectors)			85,000				69,800	154,800	
SHSC (three sectors, incl. mechanical building)						325,000		325,000	
AMS North Administrative Bldg		14,000						-	
AMS North Operations Warehouse 4,400 sf)				35,200				35,200	
AMS North Operations Small storage (1,600 sf)				12,800				12,800	
AMS North Motorpool Facility					91,069			91,069	
EAC (no major expenditures to be made due to future use of facility.								-	
EMS Station-Revere Road								-	
EMS Communication tower (Eno Mtn)					2,500			2,500	
Blackwood Farm House				16,225				16,225	
Cate Farm House (Twin Creeks)				20,625				20,625	
Efland Community Center (main building)			30,000					30,000	
Link Center (metal roof)						52,500		52,500	
DA Building (sector 2)						12,000		12,000	
Central Recreation					125,000			125,000	
Northern Human Services (roof work to be included in NHSC project account)								-	
New Courthouse (courtroom EPDM, 4,800 sf, 4 other sectors)				94,160	30,000			124,160	
Battle Courtroom (2 sectors)		100,000						-	
<b>Total Project Budget</b>	<b>1,508,100</b>	<b>165,000</b>	<b>115,000</b>	<b>179,010</b>	<b>390,569</b>	<b>389,500</b>	<b>87,800</b>	<b>1,161,879</b>	<b>-</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			15,840	15,840	15,840	50,215	50,215	147,949	251,075
<b>Total Operating Costs</b>			<b>15,840</b>	<b>15,840</b>	<b>15,840</b>	<b>50,215</b>	<b>50,215</b>	<b>147,949</b>	<b>251,075</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund	1,508,100	-	-	179,010	32,500	64,500	87,800	363,810	
General Fund - Debt Service			15,840	15,840	15,840	50,215	50,215	147,949	251,075
Debt Financing		165,000	115,000		358,069	325,000		798,069	
<b>Total</b>	<b>1,508,100</b>	<b>165,000</b>	<b>130,840</b>	<b>194,850</b>	<b>406,409</b>	<b>439,715</b>	<b>138,015</b>	<b>1,309,828</b>	<b>251,075</b>

**Project Description/Justification**

Roofing replacement priorities are determined by a Roof Replacement Schedule prepared in 1998 and updated in 2003 and 2006. The Schedule was updated in 2011-12 to reflect additions and divestitures since 2006. Individual projects and their anticipated funding period are itemized above. If a deconstruction/demolition combination process is not completed and the County keeps the Northern Human Services facility in service a new roof will be needed by 2013. **01/2012 UPDATE: Based on discussions to date, it has been assumed that at least a portion of the NHSC will be removed and will not require reroofing. As such, \$100,000 has been reallocated for reroofing of the Battle Courtroom. 11/14/2012 UPDATE: The portion of the NHSC building to be retained will require a new roof; this cost is included in the NHSC project cost, not in the Roofing Project.**

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Affordable Housing</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/1997</i>	
Department	<i>Housing, Human Rights and Community Development</i>						Completion Date	<i>Ongoing</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services</i>									
<i>Construction/Repairs/Renovations</i>	6,285,000	170,000	170,000					170,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>6,285,000</b>	<b>170,000</b>	<b>170,000</b>	-	-	-	-	<b>170,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	485,000	170,000	170,000					170,000	
<i>Debt Financing</i>	5,800,000								
<i>Total</i>	<b>6,285,000</b>	<b>170,000</b>	<b>170,000</b>	-	-	-	-	<b>170,000</b>	-

**Project Description/Justification**

The Affordable Housing project has been primarily funded with two General Obligation Bond Referendums, in 1997 and 2001. The purpose of the project is to fund low and moderate income housing in Orange County. The Board has awarded bond funds to local non-profit organizations to construct new homes, rehabilitate existing substandard properties and acquire land for future housing development. Local non-profit organizations pay impact fees at the time a new home is permitted. Once the home is constructed and occupied by low and moderate income residents the non-profit can request a reimbursement of paid impact fees per the County's policy. On November 1, 1995, the BOCC approved a policy for impact fee reimbursement to local non-profit organizations that met the established eligibility criteria. There are several potentially large refunds expected in the next few years, therefore in FY 2013/14, \$170,000 is approved to pay future impact fee reimbursements.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	<i>Information Technology</i>							Project Status	<i>Approved</i>
	<i>General Services</i>							Starting Date	<i>7/1/1990</i>
	<i>Information Technologies</i>							Completion Date	<i>Ongoing</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services									
Equipment/Furnishings - Infrastructure	3,371,613	650,000	750,000	450,000	450,000	450,000	450,000	2,550,000	2,250,000
Library Management Systems Software		250,000						-	
BOCC Initiatives		50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000
<b>Total Project Budget</b>	<b>3,371,613</b>	<b>950,000</b>	<b>800,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,800,000</b>	<b>2,500,000</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service		108,480	260,892	423,612	423,612	423,612	423,612	1,955,340	423,612
<b>Total Operating Costs</b>		<b>108,480</b>	<b>260,892</b>	<b>423,612</b>	<b>423,612</b>	<b>423,612</b>	<b>423,612</b>	<b>1,955,340</b>	<b>423,612</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund	3,371,613	155,980	50,000	500,000	500,000	500,000	500,000	2,050,000	2,500,000
General Fund - Debt Service			260,892	423,612	423,612	423,612	423,612	1,955,340	423,612
Available Project Balance		200,000						-	
Debt Financing		702,500	750,000					750,000	
<b>Total</b>	<b>3,371,613</b>	<b>1,058,480</b>	<b>1,060,892</b>	<b>923,612</b>	<b>923,612</b>	<b>923,612</b>	<b>923,612</b>	<b>4,755,340</b>	<b>2,923,612</b>

**Project Description/Justification**

The Information Technology project incorporates a number of technology improvement efforts the County plans to accomplish in the next five years. The improvements include, but are not limited to: server replacements and upgrades, desktop and laptop replacements, PC software upgrades, GIS software and hardware upgrades. \$50,000 has been included each year for Board of Commissioners technology initiatives. FY 2012-13 included an additional \$200,000 to bring all County computers into Win7/Office2010 compliance (paid with available funds within the project), and \$250,000 for Library Management Systems software. FY 2013-14 initiatives include \$650,000 for backup data system replacement, SAN expansion, network replacements (replace aging switches, routers, and hubs), server replacements, desktop/laptop replacements, and \$100,000 in Audio Visual upgrades to the Battle Courtroom.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Register of Deeds Automation</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>General Services</i>						Starting Date	<i>7/1/1990</i>	
Department	<i>Register of Deeds</i>						Completion Date	<i>Ongoing</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>									
	865,514	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
	<b>865,514</b>	<b>75,000</b>	<b>75,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>395,000</b>	<b>400,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>									
			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>									
<i>Register of Deeds Fees</i>									
<i>Debt Financing</i>									
<i>Total</i>									
	865,514	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
	<b>865,514</b>	<b>75,000</b>	<b>75,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>395,000</b>	<b>400,000</b>

**Project Description/Justification**

The Register of Deeds Automation project is funded with fees collected by the Register of Deeds. The funding is mandated by NC General Statute 161-11.3 which requires all Counties to reserve ten percent of revenues collected and retained by the County in a nonreverting Automation Enhancement and Preservation Fund. The proceeds shall be expended on computers or imaging technology and needs associated with the preservation and storage of public records in the Register of Deeds Office.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Animal Services Facility</i>						<b>Project Status</b>	<i>Approved</i>	
<b>Functional Service Area</b>	<i>Governing and Management</i>						<b>Starting Date</b>	<i>7/1/2016</i>	
<b>Department</b>	<i>Asset Management Services</i>						<b>Completion Date</b>	<i>6/30/2017</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>	180,364								
<i>Construction/Repairs/Renovations</i>	8,313,500								
<i>Equipment/Furnishings</i>	675,000								
<i>Emergency power generator</i>						100,000		100,000	
<i>Total Project Budget:</i>	<b>9,168,864</b>	-	-	-	-	<b>100,000</b>	-	<b>100,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	123,864	-				100,000		100,000	
<i>Sales Tax Reimbursement</i>	150,000								
<i>Debt Financing</i>	8,870,000								
<i>Transfer from Other Projects/Funds</i>	25,000								
<i>Total</i>	<b>9,168,864</b>	-	-	-	-	<b>100,000</b>	-	<b>100,000</b>	-

**Project Description/Justification**

An emergency power generator and automatic transfer switch would be installed. The facility is "generator ready", however, generators may be difficult to obtain in the event of a major disaster when this facility is needed for sheltering displaced pets, so a permanent solution is recommended. Opportunities for grant funding will also be explored in conjunction with Emergency Services staff.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	<i>Proposed Jail Governing and Management Asset Management Services</i>						Project Status Starting Date Completion Date	<i>Proposed 7/1/2013 6/30/2018</i>	
Project Budget	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10	
<i>Appropriation</i>									
<i>Land/Building</i>							-		
<i>Professional Services</i>		250,000		500,000	500,000		1,250,000		
<i>Construction/Repairs/Renovations</i>						29,000,000	29,000,000		
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-	-	<b>250,000</b>	-	<b>500,000</b>	<b>500,000</b>	<b>29,000,000</b>	<b>30,250,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>				24,000	24,000	72,000	144,000	264,000	
<i>Total Operating Costs</i>			-	<b>24,000</b>	<b>24,000</b>	<b>72,000</b>	<b>144,000</b>	<b>264,000</b>	<b>14,520,000</b>
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>				24,000	24,000	72,000	144,000	264,000	
<i>Transfer from Projects</i>									
<i>Debt Financing</i>		250,000		500,000	500,000	29,000,000	30,250,000		
<i>Total</i>	-	-	<b>250,000</b>	<b>24,000</b>	<b>524,000</b>	<b>572,000</b>	<b>29,144,000</b>	<b>30,514,000</b>	<b>14,520,000</b>

**Project Description/Justification**

In October, 2012, NC Council of State authorized issuance of a 50 year land lease to Orange County for approximately 6.8 acres for construction of this facility. A consultant has been retained to evaluate the site and determine the best configuration of the potential site, along with whatever constraints (environmental/regulatory for example) that might impact the development. Site related planning costs have been included at \$250,000 for FY 2013-14. Construction cost estimates from firms in the business of building detention facilities range from \$80,000 to \$120,000 per bed. The new jail is intended to house a minimum of 250 prisoners and contain support spaces needed for such a facility. While the estimate may be reduced at some point in the future as the project is more firmly developed, funding at the \$120K per bed level has been included in this request. Site Design costs are included in FY 15-16, and Architectural/Engineering costs are included in FY 16-17, with construction costs in FY 17-18.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Whitted Building</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Governing and Management</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Asset Management Services</b>						<b>Completion Date</b>	<b>6/30/2016</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Professional Services - Design work</i>			100,000					100,000	
<i>Construction/Repairs/Renovations</i>			1,400,000					1,400,000	
<i>Generator upgrade/replacement</i>		200,000						-	
<i>Replacement of exterior doors/storefronts</i>		70,000						-	
<i>Additional controlled access doors</i>		25,000						-	
<i>Total Project Budget:</i>		<b>295,000</b>	<b>1,500,000</b>	-	-	-	-	<b>1,500,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>			28,320	162,720	162,720	162,720	162,720	679,200	813,600
<i>Total Operating Costs</i>			<b>28,320</b>	<b>162,720</b>	<b>162,720</b>	<b>162,720</b>	<b>162,720</b>	<b>679,200</b>	<b>813,600</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>		-	100,000					100,000	
<i>General Fund - Debt Service</i>			28,320	162,720	162,720	162,720	162,720	679,200	813,600
<i>Debt Financing</i>		295,000	1,400,000					1,400,000	
<i>Total</i>		<b>295,000</b>	<b>1,528,320</b>	<b>162,720</b>	<b>162,720</b>	<b>162,720</b>	<b>162,720</b>	<b>2,179,200</b>	<b>813,600</b>

**Project Description/Justification**

Funding for FY 2012-13 included: 1) 600 kW emergency power generator w/ 1000A ATS would be supplied and installed to meet the electrical needs of this facility during power outages. A smaller emergency generator at the site currently powers only refrigeration equipment for drug storage and very limited other critical areas. Opportunities for grant funding will also be explored in conjunction with Emergency Services staff. Since the Health Department will occupy the facility for the foreseeable future, emergency power sufficient to keep the clinics in operation during times of disaster is recommended. 2) Exterior door/storefront replacement is required to meet security, safety and accessibility needs for seven individual entrances at the Whitted Complex. 3) Card controlled access door installations would provide additional safety and security for this complex. 4) Funding approved for FY 2013-14 provides for renovation of the former Library space for a shared use facility that would accommodate a permanent meeting location for the Board of County Commissioners and potentially other uses, should this option be selected by the Board. Funding also includes an allowance for associated parking improvements/modifications that may be required. This is one of several facilities that was discussed with the Board at their work session on February 12, 2013.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Energy Bank</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Governing and Management</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Asset Management Services</b>						<b>Completion Date</b>	<b>6/30/2015</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building Construction/Repairs/Renovations</i>		50,000	50,000	50,000				100,000	
<i>Total Project Budget:</i>		<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	-	-	-	<b>100,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>		50,000	50,000	50,000				100,000	
<i>Total</i>		<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	-	-	-	<b>100,000</b>	-

**Project Description/Justification**

Initially funded at \$50,000 for FY 12/13, the energy/utility "bank" provides funding for projects that reduce energy/water demand at County facilities. "Borrowed" funds will be repaid through annual savings/avoided costs from reduced energy/water use. Savings/avoided costs from utility line items in the AMS Facilities operating budget would be used for these repayments. Projects to be completed by the end of FY 12/13 include replacement of high energy use lighting fixtures in the Eno River Parking Deck, acquired by the County in July, 2012, and installation of solar film on windows at select buildings to reduce heat transmission, resulting in lower costs for cooling interior spaces. Potential projects for FY 13-14 and FY 14-15 include additional solar film installations, weatherization improvements for older buildings, HVAC controls improvements, solar thermal for water heating and lighting replacements. Projects are continually evaluated as new technologies evolve. Asset Management Services has requested availability of a student intern during calendar year 2013 to research and evaluate energy reduction and cost payback comparisons for various projects.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Environment and Agriculture Center change of use</i>						Project Status	<i>New/Proposed</i>	
Functional Service Area	<i>Governing and Management</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>6/30/2018</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations - HVAC Replacement</i>							662,508	662,508	
<i>Construction/Repairs/Renovations - Roof Replacement</i>							481,000	481,000	
<i>Parking Repair/Improvements (complete site)</i>							210,000	210,000	
<i>Total Project Budget:</i>			-	-	-	-	<b>1,353,508</b>	<b>1,353,508</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									649,685
<i>Total Operating Costs</i>			-	-	-	-	-	-	<b>649,685</b>
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>									649,685
<i>Debt Financing</i>							1,353,508	1,353,508	
<i>Total</i>			-	-	-	-	<b>1,353,508</b>	<b>1,353,508</b>	<b>649,685</b>

**Project Description/Justification**

Current occupants of the EAC building may be relocated to an alternative facility, with this building renovated or removed for an alternative use. The building was a former grocery store that was acquired by the County and renovated in 1985 for office use. The age and condition of the facility would require significant investment for on-going use, including replacement of the roof and HVAC equipment and asphalt repair. This is one of several facilities that was discussed with the Board at their work session on February 12, 2013. **NOTE: A Space Needs Analysis will be performed on all County facilities, including the space needs/requirements for Agriculture center related needs that may involve facilities such as the Environment and Agriculture Center and at Blackwood Farm Park. Estimated cost to be no more than \$25,000, and will be budgeted in Asset Management Services operations in FY 2013-14.**

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Government Services Annex</b>						<b>Project Status</b>	<b>New/Proposed</b>	
<b>Functional Service Area</b>	<b>Governing and Management</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Asset Management Services</b>						<b>Completion Date</b>	<b>6/30/2018</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>HVAC Replacement</i>							350,000	350,000	
<i>Total Project Budget:</i>			-	-	-	-	<b>350,000</b>	<b>350,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									168,000
<i>Total Operating Costs</i>			-	-	-	-	-	-	<b>168,000</b>
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>									168,000
<i>Debt Financing</i>							350,000	350,000	
<i>Total</i>			-	-	-	-	<b>350,000</b>	<b>350,000</b>	<b>168,000</b>

**Project Description/Justification**

Placeholder for modifications to building to address flood plain issues and possible modifications for alternative uses. Includes \$350,000 for HVAC replacement in FY 2017-18 (Year 5). This is one of several facilities that was discussed with the Board at their work session on February 12, 2013.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Historic Rogers Road Neighborhood Community Center</i>						<b>Project Status</b>	<b>New</b>	
<b>Functional Service Area</b>	<i>Governing and Management</i>						<b>Starting Date</b>		
<b>Department</b>	<i>Asset Management Services</i>						<b>Completion Date</b>		
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>		650,000							
<i>Construction/Repairs/Renovations</i>									
<i>HVAC Replacement</i>									
<i>Total Project Budget:</i>		<b>650,000</b>	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>From General Fund</i>		650,000							
<i>General Fund - Debt Service</i>									
<i>Debt Financing</i>									
<i>Total</i>		<b>650,000</b>	-	-	-	-	-	-	-

**Project Description/Justification**

During FY 2012-13, the County established a capital project for the construction of a Historic Rogers Road Neighborhood Community Center with funds of \$650,000. The project is contingent on both an Interlocal Agreement with the Towns of Chapel Hill and Carrboro, and the approval of a contract with Habitat for Humanity for the construction and operation of the Community Center on the two lots in the Phoenix Place subdivision provided by Habitat.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Emergency Services Substations (3 locations TBD)</b>						<b>Project Status</b>	<b>Proposed</b>	
<b>Functional Service Area</b>	<b>Governing and Management</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Asset Management Services</b>						<b>Completion Date</b>	<b>6/30/2020</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building Construction/Repairs/Renovations</i>		50,000	-	-	875,000		875,000	1,750,000	875,000
<i>Total Project Budget:</i>		<b>50,000</b>	-	-	<b>875,000</b>	-	<b>875,000</b>	<b>1,750,000</b>	<b>875,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services Operations</i>									
<i>New Debt Service</i>						84,000	84,000	168,000	1,260,000
<i>Total Operating Costs</i>			-	-	-	<b>84,000</b>	<b>84,000</b>	<b>168,000</b>	<b>1,260,000</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>		50,000						-	
<i>General Fund - Debt Service</i>						84,000	84,000	168,000	1,260,000
<i>Debt Financing</i>					875,000		875,000	1,750,000	875,000
<i>Total</i>		<b>50,000</b>	-	-	<b>875,000</b>	<b>84,000</b>	<b>959,000</b>	<b>1,918,000</b>	<b>2,135,000</b>

**Project Description/Justification**

Funding for this project would allow construction of three (3) stand-alone new substations for Emergency Services, in response to identified service needs. Cost is for facility and infrastructure and assumes construction on County-owned property. Design will allow for fully enclosing ambulances within conditioned space to increase the longevity of vehicles and on-board equipment and supplies. One facility would be constructed every two years through FY 19-20, beginning with FY 2015-16. Locations will be identified as part of the process for facility siting, and may include co-location with cell towers or other County operations in some instances, which could reduce the costs. Funding amounts could change on a site-by-site basis.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Viper Radio System</i>						<b>Project Status</b>	<i>Approved</i>	
<b>Functional Service Area</b>	<i>Public Safety</i>						<b>Starting Date</b>	<i>7/1/2012</i>	
<b>Department</b>	<i>Emergency Services</i>						<b>Completion Date</b>	<i>6/30/2020</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Additional Channels on Existing Towers Towers</i>		543,750	500,000	500,000		500,000	500,000	2,000,000	1,000,000
<i>Total Project Budget</i>	-	<b>543,750</b>	<b>500,000</b>	<b>500,000</b>	-	<b>500,000</b>	<b>500,000</b>	<b>2,000,000</b>	<b>1,000,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>			118,701	227,853	337,005	337,005	446,157	1,466,721	1,309,824
<i>Total Operating Costs</i>			<b>118,701</b>	<b>227,853</b>	<b>337,005</b>	<b>337,005</b>	<b>446,157</b>	<b>1,466,721</b>	<b>1,309,824</b>
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>			118,701	227,853	337,005	337,005	446,157	1,466,721	1,309,824
<i>Capital Projects Fund Balance</i>									
<i>Debt Financing</i>		543,750	500,000	500,000		500,000	500,000	2,000,000	1,000,000
<i>Total</i>	-	<b>543,750</b>	<b>618,701</b>	<b>727,853</b>	<b>337,005</b>	<b>837,005</b>	<b>946,157</b>	<b>3,466,721</b>	<b>2,309,824</b>

**Project Description/Justification**

Additional Channels: Equipment and hardware on the existing towers in Orange County as well as the surrounding areas will be upgraded to allow for increased system capacity which will reduce busy signals received by field units during times of high demand. If the upgrades are not funded, the system will not be able to alleviate the current service/coverage issues. Channels and additional equipment will be added to the following locations based on the most current information from the state. Chatham Site: 3 channels/1 combiner; Hillsborough Site: 2 channels/1 combiner/1 antenna package. The tower is currently full and may require additional work to allow channels to be added; Laws Site: 3 channels; UNC Site: 2 channels. Site is maintained by UNC and may require additional work to add channels; Altamahaw Site: 1 channel; Mebane Site: 2 channels.

Towers: The addition of two towers over the next five years (costs for each tower are spread over a two year period) will expand coverage which in turn will increase capacity allowing better access for field units increasing safety and more stable interoperability. A third tower is planned in Years 6-10. Can not be funded by 9-1-1 funds.

**Note: This Viper Radio System project was reviewed as part of the charge to the Emergency Services Work Group.**

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Communication System Improvements</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Public Safety</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Emergency Services</b>						<b>Completion Date</b>	<b>6/30/2018</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
OSSI-CAD Replacement		589,875						-	
800 Mhz Radios		253,077	20,000	122,000	127,000	39,000	920,000	1,228,000	
NextGen Phone System			402,000					402,000	
9-1-1 Call Taker and Dispatch Software:									
*Emergency Police Dispatch			99,000					99,000	
*Emergency Fire Dispatch			99,000					99,000	
*Smart9-1-1					30,000			30,000	
Paging Hardware					150,000			150,000	
P25 Compliant Radio System Consoles (E-9-1-1)		231,026	601,242					601,242	
P25 Compliant Radios (Rural Fire Districts)			150,000					150,000	
<b>Total Project Budget</b>	<b>-</b>	<b>1,073,978</b>	<b>1,371,242</b>	<b>122,000</b>	<b>307,000</b>	<b>39,000</b>	<b>920,000</b>	<b>2,759,242</b>	<b>-</b>
<b>General Fund Related Operating Costs</b>									
Personnel Services									
Operations									
New Debt Service			35,801	291,921	318,554	379,023	387,537	1,412,836	1,528,769
<b>Total Operating Costs</b>			<b>35,801</b>	<b>291,921</b>	<b>318,554</b>	<b>379,023</b>	<b>387,537</b>	<b>1,412,836</b>	<b>1,528,769</b>
<b>Revenues/Funding Source</b>									
Transfer from General Fund		193,474							
General Fund - Debt Service			35,801	72,912	99,545	160,014	168,528	536,800	1,309,760
From 9-1-1 Funds - Debt Service				219,009	219,009	219,009	219,009	876,036	219,009
From 9-1-1 Funds		716,504	198,000		30,000			228,000	
Capital Projects Fund Balance									
Debt Financing - E-9-1-1			1,003,242					1,003,242	
Debt Financing		164,000	170,000	122,000	277,000	39,000	920,000	1,528,000	
<b>Total</b>	<b>-</b>	<b>1,073,978</b>	<b>1,407,043</b>	<b>413,921</b>	<b>625,554</b>	<b>418,023</b>	<b>1,307,537</b>	<b>4,172,078</b>	<b>1,528,769</b>

**Project Description/Justification**

**Note: This Communications System Improvements project was reviewed as part of the charge to the Emergency Services Work Group.**

**OSSI:** Project funded in FY 12-13

**800 MHz Radios:** Portable and mobile 800 MHz radios for all Public Safety Departments County-Wide have or will be reaching seven-years of age. Replacement is necessary to ensure reliability for emergency responders. Only the Emergency Services and Sheriff's departments are included in the CIP. It will be up to each individual municipal or rural department to fund their replacement radios. It is important to establish standard features and specifications for 800 MHz radios (portables and mobiles) to ensure system reliability, optimal integration with new platforms (P25) which will be placed in service by NCSHP/VIPER starting in 2013. Regardless of funding source or user, it is critical that units purchased be standardized to ensure integration, reliability and reduce potential for field failure. The replacement of radios for Emergency Services will be phased over the next five years. The County started purchasing new 800 MHz radios in 2004 and replaced some in FY 2012-13. Year 1 (FY 2013-14) includes funding to replace a repeater, and funding in subsequent years for these original radios plus sufficient radios for new staff and begin to replenish disaster radio cache. Year 5 (FY 2017-18) includes funding of \$920,000 for replacement of Sheriff radios.

**NextGen Phone System:** Replacement of the main 9-1-1 switch, which is necessary to gain access to Internet (Next Generation) based services. The current switch will have reached the end of its useful life and will no longer be supported by the vendor. If the switch is not replaced, the cost of repairs /maintenance/parts will become very expensive. There is a risk that parts for this equipment will not be available in the coming years. Based on the most current vendor consultation, replacement is approved in FY 2013-2014. Pricing reflects updated quote and purchase is eligible from 9-1-1 funds if approved by 9-1-1 Board.

**9-1-1 Call Taker and Dispatch Software:**

EPD: ProQA Dispatch Software integrates the National Academy Protocols with today's critical computer technologies and assists telecommunicators in quickly determining the appropriate response specifically configured by local agency authorities. ProQA guides dispatchers in providing relevant Post-Dispatch and Pre-Arrival instructions prior to units arriving on scene. Pricing reflects updated quote and OSSI interface.

EFD: Fire Priority Dispatch system will allow all the benefits and safety features of a unified fire protocol system based on fire department approved parameters to combine with the latest in caller integration and response prioritization. Pricing reflects updated quote and OSSI interface.

**Smart 9-1-1:** Allows citizens to enter information through a secure website that would be available in the event they need to call 9-1-1. When the citizen calls 9-1-1 the data automatically displays on the 9-1-1 operators work station. The same information is also available via the web to police, fire and EMS units in the field which helps them respond more quickly and effectively. It works seamlessly in today's infrastructure as well as future Next Generation solutions.

**Paging Hardware:** Will provide a reliable station notification system for all County Fire and EMS stations. Can not be funded through 9-1-1 funds.

**P25 Compliant Radio System Consoles:** The Project 25 New Technology Standards Project (known as Project 25 or P25) is a multi-phase, multi-year project jointly conducted by the public safety communications community and industry to establish a suite of open standards (known as the Project 25 Standard) that enable the manufacture, procurement, and operation of interoperable digital wireless communications equipment and systems to satisfy the service, feature, and capability requirements of public safety practitioners and other users. Replacement of the current radio systems in the 911 center to continue to integrate with the state-wide VIPER radio network. This upgrade will outfit eleven (11) 911 console positions and furniture for two workstations. Becoming compliant will allow for the capability to provide and maintain a communications infrastructure supported by the State. PURCHASE MAY BE ELIGIBLE FROM 9-1-1 FUND IF APPROVED BY 9-1-1 BOARD.

**P25 Compliant Radios (Rural Fire Districts):** Provides for P25 compliant upgrades and programming to existing portable radios for all rural fire districts.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Blackwood Farm Park</i>									Project Status	<i>Approved/Proposed</i>
Functional Service Area	<i>Community and Environment</i>									Starting Date	<i>7/1/2012</i>
Department	<i>DEAPR</i>									Completion Date	<i>7/1/2018</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10		
<i>Appropriation</i>											
Land/Building											
Construction/Repairs/Renovations		50,000	-	-	-	-	-	-	-	7,500,000	
Equipment/Furnishings										500,000	
<b>Total Project Budget</b>	<b>-</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,000,000</b>	
<i>General Fund Related Operating Costs</i>											
Personnel Services		12,000	12,000	12,000	12,000	12,000	12,000	60,000		325,000	
Operations		-	5,000	5,000	5,000	5,000	5,000	25,000		275,000	
New Debt Service										1,670,400	
<b>Total Operating Costs</b>		<b>12,000</b>	<b>17,000</b>	<b>17,000</b>	<b>17,000</b>	<b>17,000</b>	<b>17,000</b>	<b>85,000</b>		<b>2,270,400</b>	
<i>Revenues/Funding Source</i>											
Transfer from General Fund		62,000	13,000	13,000	13,000	13,000	13,000	65,000		580,000	
General Fund - Debt Service										1,670,400	
Grants (PARTF), User Fees		-	4,000	4,000	4,000	4,000	4,000	20,000		20,000	
Future Debt Issuance										8,000,000	
<b>Total</b>		<b>62,000</b>	<b>17,000</b>	<b>17,000</b>	<b>17,000</b>	<b>17,000</b>	<b>17,000</b>	<b>85,000</b>		<b>10,270,400</b>	

**Project Description/Justification**

The Blackwood Farm Park is a 152-acre site located midway between Chapel Hill and Hillsborough on NC 86 and New Hope Church Road. The adopted master plan includes a multi-faceted park that retains components of the farm's agricultural past, including community gardens and agricultural demonstration areas and exhibits. It also includes an amphitheatre, fishing, trails and open fields - as well as the planned Agriculture, Environment and Parks Center (including the permanent parks operations base). Funds approved in 2012-13 will provide for limited access opening later in 2013, perhaps including a community garden. Center construction and Park construction are planned in Years 6-10. **NOTE: A Space Needs Analysis will be performed on all County facility needs, including the space needs/requirements for Agriculture center related needs that may involve facilities such as the Environment and Agriculture Center and at Blackwood Farm Park. Estimated cost to be no more than \$25,000, and will be budgeted in Asset Management Services operations in FY 2013-14.**

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Bingham District Park</i>						<b>Project Status</b>	<i>Approved</i>	
<b>Functional Service Area</b>	<i>Community and Environment</i>						<b>Starting Date</b>	<i>unknown</i>	
<b>Department</b>	<i>DEAPR</i>						<b>Completion Date</b>	<i>7/1/2021</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									7,000,000
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-	-	-	-	-	-	-	-	<b>7,000,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									81,000
<i>Operations</i>									165,000
<i>New Debt Service</i>									
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	<b>246,000</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>									246,000
<i>Future Debt Issuance</i>									7,000,000
<i>Total</i>	-	-	-	-	-	-	-	-	<b>7,246,000</b>

**Project Description/Justification**

Bingham District Park, on a site tentatively to be acquired in 2013, would be a park with both active and low-impact recreation facilities in Bingham Township, as per the Parks Plan. Funds for land acquisition in 2013 are included in the Lands Legacy project. As with previous projects, this future park site would be land-banked for the future construction of park facilities tentatively projected for year 7.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Cedar Grove Park, Phase II</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Community and Environment</b>						<b>Starting Date</b>	<b>unknown</b>	
<b>Department</b>	<b>DEAPR</b>						<b>Completion Date</b>	<b>7/1/2021</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									-
<i>Construction/Repairs/Renovations</i>	1,848,000	-							1,600,000
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>1,848,000</b>	-	-	-	-	-	-	-	<b>1,600,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									20,000
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	<b>20,000</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from Other Funds</i>	148,000	-							20,000
<i>Grant Funding</i>	500,000								500,000
<i>Debt Financing</i>	1,200,000								1,100,000
<i>Total</i>	<b>1,848,000</b>	-	-	-	-	-	-	-	<b>1,620,000</b>

**Project Description/Justification**

Phase I of Cedar Grove Park, opened in 2008, include an additional baseball/softball field, trails, and other amenities. The second phase of this facility is slated for year 8.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	<i>Conservation Easements (part of Lands Legacy) Community and Environment DEAPR</i>						Project Status Starting Date Completion Date	<i>Approved 7/1/2002 Ongoing</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>	5,878,181		250,000	250,000	250,000	250,000	250,000	1,250,000	1,250,000
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>5,878,181</b>	-	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>	<b>1,250,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	350,000		125,000	125,000	125,000	125,000	125,000	625,000	625,000
<i>Transfer from Other Projects</i>	143,000								
<i>Grant Funding</i>	2,385,181		125,000	125,000	125,000	125,000	125,000	625,000	625,000
<i>Debt Financing</i>	3,000,000	-							
<i>Total</i>	<b>5,878,181</b>	-	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>1,250,000</b>	<b>1,250,000</b>

**Project Description/Justification**

The Conservation Easement component of the Lands Legacy program was initially funded in July 2002, and provides matching funds for State and federal grants to acquire conservation easements to conserve prime or threatened farmland or sensitive natural areas, in keeping with Board goals and Lands Legacy priorities. Generally, these lands have conservation values or agricultural operations to be enhanced and protected, and the land stays in private ownership and is not publicly-accessible except upon landowner consent. Just over 2,000 acres of prime farmland and natural areas have been conserved to date, with over \$5 million in state/federal grants leveraged. **It is anticipated that additional matching funds of approximately 50% would again be leveraged for these projects, as reflected in the grant funds above.** Funds for the conservation easement program were exhausted in 2012. This project would provide \$250,000 each year for conservation easements, including \$125,000 in County funds and an expected match amount of \$125,000 from state/federal grants.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Upper Eno Nature Preserve - Public Access Area</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Community and Environment</b>						<b>Starting Date</b>	<b>7/1/2015</b>	
<b>Department</b>	<b>DEAPR</b>						<b>Completion Date</b>	<b>7/1/2019</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
Land/Building									-
Construction/Repairs/Renovations					400,000			400,000	400,000
Equipment/Furnishings					40,000			40,000	40,000
<b>Total Project Budget</b>	-	-	-	-	<b>440,000</b>	-	-	<b>440,000</b>	<b>440,000</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services						80,000	80,000	160,000	400,000
Operations						10,000	10,000	20,000	80,000
New Debt Service						42,240	42,240	84,480	211,200
<b>Total Operating Costs</b>			-	-	-	<b>132,240</b>	<b>132,240</b>	<b>264,480</b>	<b>691,200</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund						90,000	90,000	180,000	480,000
General Fund - Debt Service						42,240	42,240	84,480	211,200
Future Debt Issuance					440,000			440,000	440,000
<b>Total</b>	-	-	-	-	<b>440,000</b>	<b>132,240</b>	<b>132,240</b>	<b>704,480</b>	<b>1,131,200</b>

**Project Description/Justification**

The Upper Eno Nature Preserve encompasses several hundred acres of sensitive natural heritage lands, wildlife habitat and prime forests. Public Access Areas are envisioned at two locations - the Seven Mile Creek Preserve (at Moorefields) and the McGowan Creek Preserve (US 70 East). The Seven Mile Creek Preserve would also include a segment of the NC Mountains-to-Sea Trail as it runs northeast to Hillsborough and Occaneechee Mountain State Natural Area. Initial work using existing staff resources is occurring in FY 2012-13 to rough out an initial loop trail. The project is anticipated to begin in earnest in Year 3 with the Seven Mile Creek access areas and trail segments, as well as wildlife viewing areas and primitive camping. The McGowan Creek Preserve component construction would be envisioned for Year 7. Grant funding would be pursued for some of this project.

**County Capital Projects**  
**Fiscal Years 2013-18**

Project Name	<i>Eurosport Soccer Center, Phase II</i>						Project Status	<i>Approved/Proposed</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2015</i>	
Department	<i>DEAPR</i>						Completion Date	<i>7/1/2021</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building							425,000	425,000	
Construction/Repairs/Renovations				125,000	800,000		250,000	1,175,000	4,550,000
Equipment/Furnishings				20,000	142,000			162,000	89,000
<i>Total Project Budget</i>	-	-	-	<b>145,000</b>	<b>942,000</b>	-	<b>675,000</b>	<b>1,762,000</b>	<b>4,639,000</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services						-	-	-	160,000
Operations						5,000	5,000	10,000	61,000
New Debt Service						76,800	76,800	153,600	504,000
<i>Total Operating Costs</i>			-	-	-	<b>81,800</b>	<b>81,800</b>	<b>163,600</b>	<b>725,000</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund				145,000	142,000	5,000	5,000	297,000	221,000
General Fund - Debt Service						76,800	76,800	153,600	504,000
Future Debt Issuance					800,000		250,000	1,050,000	4,639,000
Transfer from Lands Legacy							425,000	425,000	
<i>Total</i>	-	-	-	<b>145,000</b>	<b>942,000</b>	<b>81,800</b>	<b>756,800</b>	<b>1,925,600</b>	<b>5,364,000</b>

**Project Description/Justification**

This project represents an investment in the current facility, as well as conversion of one field to artificial turf (Year 3). Ultimately, expansion of the existing facility including purchase of adjoining land and construction of new artificial turf fields and associated parking, irrigation and restrooms/equipment building is planned. Land acquisition and design is projected for year 5, with the expansion proposed for Years 6-7. The original Phase II (now III) would add tennis courts to the northern (back) portion of the site and would be included in this expansion.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Lands Legacy Program</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Community and Environment</b>						<b>Starting Date</b>	<b>4/1/2000</b>	
<b>Department</b>	<b>DEAPR</b>						<b>Completion Date</b>	<b>Ongoing</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>	6,010,452			2,400,000				2,400,000	2,000,000
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>6,010,452</b>	-	-	<b>2,400,000</b>	-	-	-	<b>2,400,000</b>	<b>2,000,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>					230,400	230,400	230,400	691,200	1,152,000
<i>Total Operating Costs</i>			-	-	<b>230,400</b>	<b>230,400</b>	<b>230,400</b>	<b>691,200</b>	<b>1,152,000</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from General fund</i>	1,110,452								
<i>General Fund - Debt Service</i>					230,400	230,400	230,400	691,200	1,152,000
<i>Debt Financing</i>	4,900,000			2,400,000				2,400,000	-
<i>Pay-as-you-go funding beginning Year 7</i>									2,000,000
<i>Projected Grant Funding</i>									
<i>Total</i>	<b>6,010,452</b>	-	-	<b>2,400,000</b>	<b>230,400</b>	<b>230,400</b>	<b>230,400</b>	<b>3,091,200</b>	<b>3,152,000</b>

**Project Description/Justification**

The Lands Legacy Program, established in April 2000, is a comprehensive program to conserve and protect the County's most critical natural and cultural resources, including future parklands; natural areas, wildlife habitat and prime forests; watershed stream buffers; and historic and archaeological sites. Farmland preservation and some components of natural areas conservation also occurs through the related "Conservation Easements" project. Acquisition of the Bingham Township Park site, continued acquisition of property for the Seven Mile Creek Preserve (Upper Eno Preserve), the Jordan Lake Macrosite natural area and possible expansion of Eurosport Soccer Center are among several top anticipated priorities for these current and planned funds. Currently, \$1,549,882 is available in this project for those purposes. The County has and will continue to aggressively seek to leverage these funds through grants (\$5 million to date) and partnership funding. **Although planned for continued funding, prior bond authorization for this amount of \$2.4 million lapsed in 2010, so new financing is needed in FY 2014-15 (Year 2).**

**County Capital Projects**  
**Fiscal Years 2013-18**

Project Name	<i>Millhouse Road Park</i>						Project Status		<i>Approved</i>
Functional Service Area	<i>Community and Environment</i>						Starting Date		<i>7/12/2014</i>
Department	<i>DEAPR</i>						Completion Date		<i>7/1/2019</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building	188,712								
Construction/Repairs/Renovations	76,090			100,000	6,400,000			6,500,000	3,000,000
Equipment/Furnishings									
<i>Total Project Budget</i>	<b>264,802</b>	-	-	<b>100,000</b>	<b>6,400,000</b>	-	-	<b>6,500,000</b>	<b>3,000,000</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									240,000
Operations									300,000
New Debt Service						307,200	307,200	614,400	1,536,000
<i>Total Operating Costs</i>			-	-	-	<b>307,200</b>	<b>307,200</b>	<b>614,400</b>	<b>2,076,000</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund	76,090			50,000				50,000	
General Fund - Debt Service						307,200	307,200	614,400	1,536,000
Transfer from Other Projects	188,712								
Future Debt Issuance					3,200,000			3,200,000	1,500,000
Possible Town of Chapel Hill funding				50,000	3,200,000			3,250,000	1,500,000
Operations/funding from other sources?									540,000
<i>Total</i>	<b>264,802</b>	-	-	<b>100,000</b>	<b>6,400,000</b>	<b>307,200</b>	<b>307,200</b>	<b>7,114,400</b>	<b>5,076,000</b>

**Project Description/Justification**

Millhouse Road Park, a 79-acre site just north of Chapel Hill was acquired in 2004 (additional portion in 2007) as a future park site. Discussion to date has focused on a soccer field complex, walking trails and other amenities. Staff-level discussions have been held with the Town of Chapel Hill (adjoining landowner) about a joint project between the County and Town, a concept also discussed in a October 2010 BOCC worksession. This concept is also reflected in the Town's new draft Master Plan. A possible Phase II would add a gymnasium structure, identified as a mutual facility need by both jurisdictions, in Year 7. The budget reflects a possible Town/County partnership split concept. This concept is pending further discussion and a formal agreement with the Town of Chapel Hill with an anticipated 50-50 funding arrangement.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Mountains to Sea Trail</i>						<b>Project Status</b>	<i>Approved</i>	
<b>Functional Service Area</b>	<i>Community and Environment</i>						<b>Starting Date</b>	<i>7/1/2013</i>	
<b>Department</b>	<i>DEAPR</i>						<b>Completion Date</b>	<i>ongoing</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									500,000
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-	-	-	-	-	-	-	-	<b>500,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>									250,000
<i>Grant Funding from State Parks</i>									250,000
<i>Future Debt Issuance</i>									
<i>Total</i>	-	-	-	-	-	-	-	-	<b>500,000</b>

**Project Description/Justification**

Construction of segments of the Mountains-to-Sea Trail during 2018 and beyond, as lands are acquired and segments connected. A master plan process would be initiated in 2014, prior to this trail construction, to specifically identify the trail location and develop a plan for implementation and operation. Lands would be acquired (voluntarily) using the Lands Legacy Program Funds. (Note: The Seven Mile Creek Preserve portion includes a segment of the MST, and that trail segment is part of the Upper Eno Nature Preserve project).

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>New Hope Preserve / Hollow Rock Public Access Area</i>						Project Status	<i>Approved/Proposed</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/12/2013</i>	
Department	<i>DEAPR</i>						Completion Date	<i>Beyond 2018</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>	27,500	10,000	125,000	125,000	-	225,000	-	475,000	165,000
<i>Equipment/Furnishings</i>					-	10,000		10,000	
<i>Total Project Budget</i>	<b>27,500</b>	<b>10,000</b>	<b>125,000</b>	<b>200,000</b>	<b>-</b>	<b>235,000</b>	<b>-</b>	<b>560,000</b>	<b>165,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>					-	-	-	-	-
<i>New Debt Service</i>						-	-	-	-
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	12,500		25,000	75,000	-	117,500	-	217,500	82,500
<i>Funding from Durham County</i>	-	10,000	25,000	-	-	117,500	-	142,500	82,500
<i>Future Debt Issuance</i>					-			-	-
<i>Grant Funding</i>	15,000		75,000	125,000				200,000	-
<i>Total</i>	<b>27,500</b>	<b>10,000</b>	<b>125,000</b>	<b>200,000</b>	<b>-</b>	<b>235,000</b>	<b>-</b>	<b>560,000</b>	<b>165,000</b>

**Project Description/Justification**

The New Hope Preserve, including Hollow Rock Public Access Area, will feature hiking trails and environmental education signage throughout a 72-acre site owned by Orange County, Durham County and the Town of Chapel Hill. These costs are for planned site facilities (parking, driveway, trails and bridges, kiosks and other low-impact amenities) that would be built in three phases. Durham County may contribute 50% of the cost of these facilities and amenities (pending an interlocal agreement to this effect). Archaeological survey work is underway (via a \$15,000 grant and Orange County \$10,000 match), and additional grant funding of \$200,000 for the first phase of facilities is anticipated via Durham County in late 2013 (with a local match of \$25,000 from Durham and Orange). Phase I Facilities to be designed and constructed over Years 2 and 3, along with a potential land purchase. Phase II facilities would be constructed in Year 4, and Phase III (if Pickett Road is closed) would be beyond Year 5. Note: Once a formal agreement is reached with both Durham County and Chapel Hill, this project will proceed as scheduled.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Northeast District Park</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Community and Environment</b>						<b>Starting Date</b>	<b>unknown</b>	
<b>Department</b>	<b>DEAPR</b>						<b>Completion Date</b>	<b>7/1/2021</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									8,000,000
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>			-	-	-	-	-	-	<b>8,000,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>					10,000			10,000	
<i>New Debt Service</i>									
<i>Total Operating Costs</i>			-	-	<b>10,000</b>	-	-	<b>10,000</b>	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>					10,000			10,000	
<i>Future Debt Issuance</i>									8,000,000
<i>Funding from other infrastructure partner</i>									
<i>Total</i>			-	-	<b>10,000</b>	-	-	<b>10,000</b>	<b>8,000,000</b>

**Project Description/Justification**

Northeast District Park is a 142-acre site acquired in late-2007 as the future district park for northern Orange County. The site was acquired with the potential for appropriate co-located facilities in mind. A Preliminary Concept Plan was prepared by staff that identifies the most likely locations for different types of park activities, including a potential solid waste convenience center and possible emergency services substation and cellular tower within the park. No master plan has yet been developed. The property is currently land-banked and leased to a local farmer for cattle grazing pending future construction. Some small-scale site management duties are projected for Year 3.

**County Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>RiverPark, Phase II</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2015</i>	
Department	<i>DEAPR</i>						Completion Date	<i>7/1/2016</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>	50,000				250,000			250,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	<b>50,000</b>	-	-	-	<b>250,000</b>	-	-	<b>250,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>						24,000	24,000	48,000	120,000
<i>Total Operating Costs</i>		-	-	-	-	<b>24,000</b>	<b>24,000</b>	<b>48,000</b>	<b>120,000</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	50,000							-	
<i>General Fund - Debt Service</i>						24,000	24,000	48,000	120,000
<i>Future Debt Issuance</i>					250,000			250,000	
<i>Total</i>	<b>50,000</b>	-	-	-	<b>250,000</b>	<b>24,000</b>	<b>24,000</b>	<b>298,000</b>	<b>120,000</b>

**Project Description/Justification**

Phase II of RiverPark, located behind the Courthouse and County East Campus, would include a performance shell for events, benches, and a small exhibit on the Oconneechee tribe. Note: The County could seek a partnership with the Town of Hillsborough since it would support use by Town residents.

**County Capital Projects**  
**Fiscal Years 2013-18**

Project Name	<i>Twin Creeks Park and Educational Campus Phase II</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2009</i>	
Department	<i>DEAPR</i>						Completion Date	<i>beyond 2021</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building	50,814								
Construction/Repairs/Renovations	1,928,643	600,000						-	8,000,000
Equipment/Furnishings									
<i>Total Project Budget</i>	<b>1,979,457</b>	<b>600,000</b>	-	-	-	-	-	-	<b>8,000,000</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									160,000
Operations									200,000
New Debt Service			57,600	57,600	57,600	57,600	57,600	288,000	288,000
<i>Total Operating Costs</i>		-	<b>57,600</b>	<b>57,600</b>	<b>57,600</b>	<b>57,600</b>	<b>57,600</b>	<b>288,000</b>	<b>648,000</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund	900,000							-	360,000
General Fund - Debt Service			57,600	57,600	57,600	57,600	57,600	288,000	288,000
Future Debt Issuance	650,000	600,000						-	8,000,000
Funding from other infrastructure partner									
Grant Funding NCDOT	429,457								
<i>Total</i>	<b>1,979,457</b>	<b>600,000</b>	<b>57,600</b>	<b>57,600</b>	<b>57,600</b>	<b>57,600</b>	<b>57,600</b>	<b>288,000</b>	<b>8,648,000</b>

**Project Description/Justification**

Twin Creeks (Moniese Nomp) Park is located along Old NC 86 north of Carrboro. Phase I of the park (Jones Creek Greenway) was completed in 2011. Funding for this Phase II of this park is projected to be in years 6-10. However, an opportunity to construct the main entry road may exist in 2013 in conjunction with shared roadway owner MI Homes (Ballentine subdivision). Potential participation in the road construction cost is reflected here, if the County chooses to participate. (If it does not participate, a longer, more costly segment of the road may be required in the future at the time of park construction.) A Phase III of the park would likely exist and be beyond the scope of Year 10.

**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Joint Artificial Turf Soccer Fields - Town of Chapel Hill</i>						<b>Project Status</b>	<i>Approved</i>	
<b>Functional Service Area</b>	<i>Community and Environment</i>						<b>Starting Date</b>	<i>7/1/2012</i>	
<b>Department</b>	<i>DEAPR</i>						<b>Completion Date</b>	<i>7/1/2014</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									-
<i>Construction/Repairs/Renovations</i>		623,000							-
<i>Equipment/Furnishings</i>									-
<i>Total Project Budget</i>	-	<b>623,000</b>	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									-
<i>Operations</i>									-
<i>New Debt Service</i>									-
<i>Total Operating Costs</i>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>									-
<i>Transfer from Other Projects</i>		623,000							-
<i>Future Debt Issuance</i>									-
<i>Funding from other infrastructure partner</i>									-
<i>Total</i>	-	<b>623,000</b>	-	-	-	-	-	-	-

**Project Description/Justification**

In December 2010, the County approved a joint project to construct artificial turf soccer fields in partnership with the Town of Chapel Hill at the Town's Cedar Falls Park. County Funds of \$623,000 were transferred in FY 2012-13 from available funds within the Twin Creeks Park project for use in this project. The Town of Chapel Hill's share of the project is \$311,500, and the Town is currently putting the project out for bid, with construction projected for FY 2013-14.

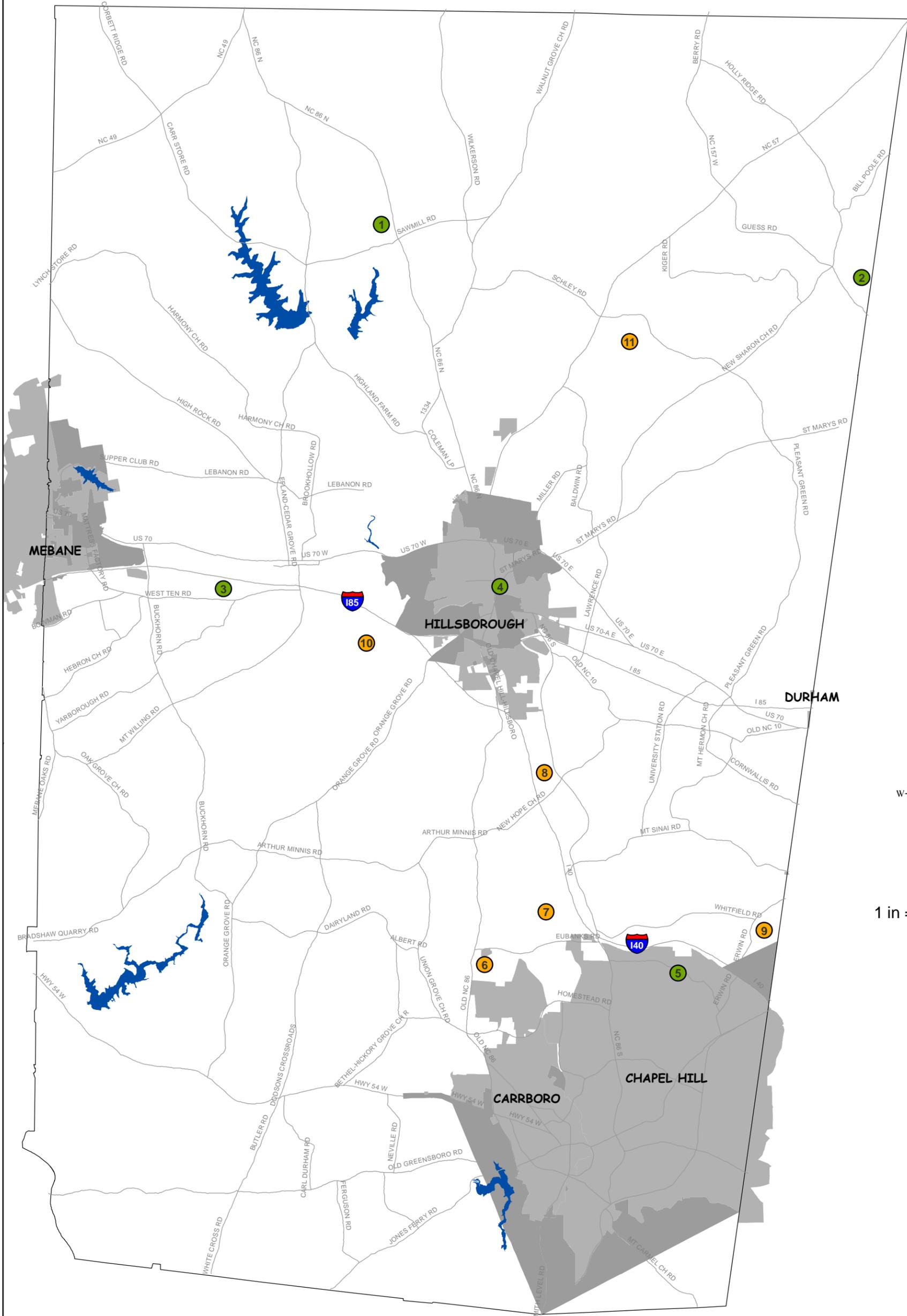
**County Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<i>Little River Park, Phase II</i>						<b>Project Status</b>	<i>Proposed</i>	
<b>Functional Service Area</b>	<i>Community and Environment</i>						<b>Starting Date</b>	<i>7/1/2015</i>	
<b>Department</b>	<i>DEAPR</i>						<b>Completion Date</b>	<i>7/1/2017</i>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Professional Services</i>					25,000			25,000	
<i>Construction/Repairs/Renovations</i>	1,521,720				150,000			150,000	250,000
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget</i>	<b>1,521,720</b>	-	-	-	<b>175,000</b>	-	-	<b>175,000</b>	<b>250,000</b>
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>								-	
<i>Operations</i>								-	
<i>New Debt Service</i>								-	
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>From General Fund</i>	4,750				87,500			87,500	125,000
<i>Contribution from Durham County</i>	338,662				87,500			87,500	125,000
<i>Grant Funding</i>	724,000								
<i>Transfer from Payment-In-Lieu</i>	84,514								
<i>Bonds</i>	369,794							-	
<i>Total</i>	<b>1,521,720</b>	-	-	-	<b>175,000</b>	-	-	<b>175,000</b>	<b>250,000</b>

**Project Description/Justification**

Based on the Little River Park master plan, and infrastructure improvements needed, this project would pave the road and expand parking, repave the ADA loop trail, and add a new maintenance shed. In Years 6-7, other improvements including a new playground will be needed.

# CIP Park Project Locations



1 in = 2 miles

## Legend

- |  |                            |   |  |   |                |
|--|----------------------------|---|--|---|----------------|
|  | Existing Parks             |  | Future Parks   |  | Main roads     |
| 1.   | Cedar Grove Park           | 6.  | Twin Creeks (Moniese Nomp) Park                      |  | Towns          |
| 2.   | Little River Regional Park | 7.  | Millhouse Road Park                                  |  | Municipal ETJs |
| 3.   | Eurosport Soccer Center    | 8.  | Blackwood Farm Park                                  |  | Lakes          |
| 4.   | River Park                 | 9.  | Hollow Rock Access Area /<br>New Hope Creek Preserve |   |                |
| 5.   | Cedar Falls Park           | 10.   | Upper Eno Nature Preserves                           |   |                |
|  |                            | 11.   | Northeast District Park                              |   |                |



DEAPR  
Map prepared by Land Records/GIS Division  
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**APPROVED - Article 46 Sales Tax Fund Summary  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Article 46 Sales Tax</b>									<b>Project Status</b>
<b>Functional Service Area</b>	<b>Special Revenue Fund</b>									<b>Starting Date</b>
<b>Department</b>										<b>Completion Date</b>
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>	
<i>Appropriation</i>										
<i>Economic Development</i>	312,500	1,300,000	1,319,500	1,339,293	1,359,382	1,379,773	1,400,469	<b>6,798,416</b>	7,323,828	
<i>Chapel Hill-Carrboro City Schools</i>	190,625	799,500	811,492	823,664	836,020	848,560	861,288	<b>4,181,024</b>	4,504,154	
<i>Orange County Schools</i>	121,875	500,500	508,008	515,628	523,362	531,212	539,181	<b>2,617,391</b>	2,819,674	
<i>Total Project Budget</i>	<b>625,000</b>	<b>2,600,000</b>	<b>2,639,000</b>	<b>2,678,585</b>	<b>2,718,764</b>	<b>2,759,545</b>	<b>2,800,938</b>	<b>13,596,831</b>	<b>14,647,656</b>	
<i>General Fund Related Operating Costs</i>										
<i>Personnel Services</i>										
<i>Operations</i>										
<i>New Debt Service</i>										
<i>Total Operating Costs</i>			-	-	-	-	-	-	-	
<i>Revenues/Funding Source</i>										
<i>Article 46 Sales Tax</i>	625,000	2,600,000	2,639,000	2,678,585	2,718,764	2,759,545	2,800,938	13,596,831	14,647,656	
<i>Total</i>	<b>625,000</b>	<b>2,600,000</b>	<b>2,639,000</b>	<b>2,678,585</b>	<b>2,718,764</b>	<b>2,759,545</b>	<b>2,800,938</b>	<b>13,596,831</b>	<b>14,647,656</b>	

**Project Description/Justification**

The Article 46 (1/4 cent) Sales Tax was approved by the voters in the November 2011 election, and became effective April 1, 2012. The anticipated revenue generated in FY 2012-13 is \$2,600,000, with an assumption of 1.5% growth in subsequent years. 50% of the proceeds are for Economic Development initiatives, and 50% of the proceeds for Education (allocated by the ADM count of the two school districts). Prior Years Funding reflects FY 2011-12, when proceeds for the April-June 2012 quarter were estimated at \$625,000.

**APPROVED - Article 46 Sales Tax Fund Summary - Detail  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	Article 46 Sales Tax Special Revenue Fund		Project Status Starting Date Completion Date					New 4/1/2012 Ongoing	
	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<b>Project Budget</b>									
<i>Appropriation</i>									
<i>Economic Development:</i>									
<i>Debt Service on Infrastructure</i>		750,000	769,500	789,293	809,382	829,773	850,469	4,048,416	4,623,828
* Buckhorn EDD Phase 2									
* Buckhorn-Mebane EDD Phase 3 & 4									
*Efland Sewer Flow to Mebane									
*Eno EDD									
<i>Infrastructure (Utility Service Agreement w/ Mebane*)</i>		50,000	50,000	50,000	50,000	50,000	50,000	250,000	200,000
<i>Collaborative Outreach</i>		20,000	20,000	20,000	20,000	20,000	20,000	100,000	100,000
<i>Small Business Loan Pool</i>		200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	1,000,000
<i>Collateral Materials</i>		20,000	20,000	20,000	20,000	20,000	20,000	100,000	100,000
<i>Innovation Centers</i>		100,000	100,000	100,000	100,000	100,000	100,000	500,000	500,000
**"Launch Chapel Hill" Incubator									
<i>Agricultural Economic Development</i>		60,000	60,000	60,000	60,000	60,000	60,000	300,000	300,000
<i>Business Investment Grants</i>		100,000	100,000	100,000	100,000	100,000	100,000	500,000	500,000
<b>Total Economic Development - Article 46 Sales Tax</b>	<b>312,500</b>	<b>1,300,000</b>	<b>1,319,500</b>	<b>1,339,293</b>	<b>1,359,382</b>	<b>1,379,773</b>	<b>1,400,469</b>	<b>6,798,416</b>	<b>7,323,828</b>
<i>Chapel Hill-Carrboro City Schools:</i>									
<i>Sidewalk Replacements (3 Schools)</i>		399,750							
<i>Technology - Student Access Computing Devices</i>		399,750	405,746	411,832	418,010	424,280	430,644	2,090,512	2,252,077
<i>Property Repairs Identified in Facilities Assessment</i>			405,746					405,746	
<i>Kitchen Equipment Replacements</i>				411,832				411,832	
<i>Sidewalks, Walkways, Canopies</i>					418,010			418,010	
<i>Replace HVAC System - Lincoln Center</i>						424,280	430,644	854,924	
<i>Facility Improvements at Older Schools</i>									2,252,077
<b>Total Chapel Hill-Carrboro City Schools</b>	<b>190,625</b>	<b>799,500</b>	<b>811,492</b>	<b>823,664</b>	<b>836,020</b>	<b>848,560</b>	<b>861,288</b>	<b>4,181,024</b>	<b>4,504,154</b>
<i>Orange County Schools:</i>									
<i>Technology - 1:1 Initiative (District-wide)</i>		500,500	508,008	515,628	523,362	531,212	539,181	2,617,391	2,819,674
<b>Total Orange County Schools</b>	<b>121,875</b>	<b>500,500</b>	<b>508,008</b>	<b>515,628</b>	<b>523,362</b>	<b>531,212</b>	<b>539,181</b>	<b>2,617,391</b>	<b>2,819,674</b>
<b>Total Project Budget</b>	<b>625,000</b>	<b>2,600,000</b>	<b>2,639,000</b>	<b>2,678,585</b>	<b>2,718,764</b>	<b>2,759,545</b>	<b>2,800,938</b>	<b>13,596,831</b>	<b>14,647,656</b>

<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>General Fund Related Operating Costs</b>									
Personnel Services									
Operations									
New Debt Service									
Total Operating Costs			-	-	-	-	-	-	-
<b>Revenues/Funding Source</b>									
Article 46 Sales Tax - Economic Development	312,500	1,300,000	1,319,500	1,339,293	1,359,382	1,379,773	1,400,469	6,798,416	7,323,828
Article 46 Sales Tax - CHCCS	190,625	799,500	811,492	823,664	836,020	848,560	861,288	4,181,024	4,504,154
Article 46 Sales Tax - OCS	121,875	500,500	508,008	515,628	523,362	531,212	539,181	2,617,391	2,819,674
Total	<b>625,000</b>	<b>2,600,000</b>	<b>2,639,000</b>	<b>2,678,585</b>	<b>2,718,764</b>	<b>2,759,545</b>	<b>2,800,938</b>	<b>13,596,831</b>	<b>14,647,656</b>

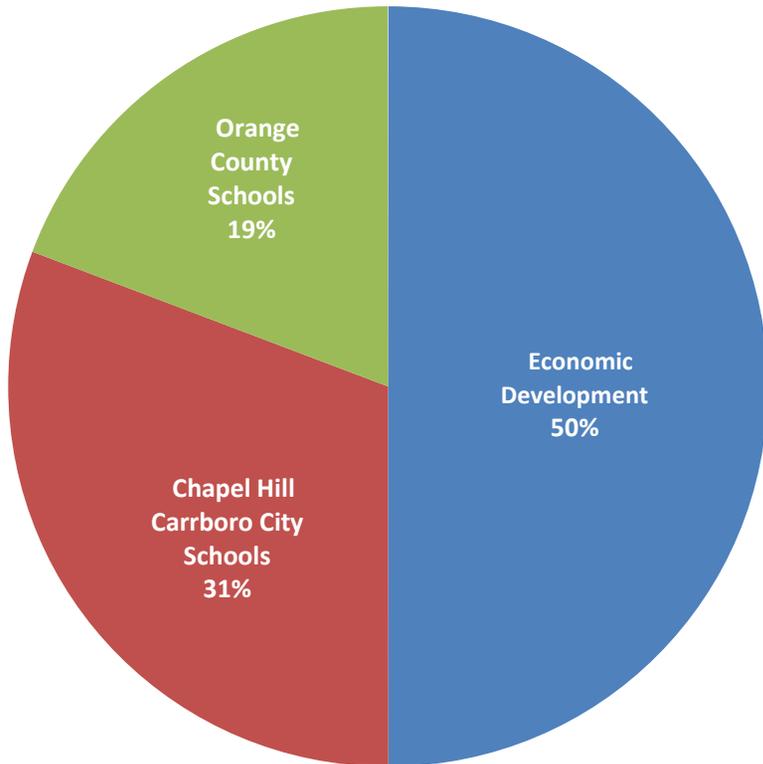
**Project Description/Justification**

The Article 46 (1/4 cent) Sales Tax was approved by the voters in the November 2011 election, and became effective April 1, 2012. The anticipated revenue generated is \$2,600,000 for FY 2012-13, with an assumption of 1.5% growth in subsequent years. 50% of the proceeds are for Economic Development initiatives, and 50% of the proceeds for Education (allocated by the ADM count of the two school districts). In FY 2011-12, proceeds of \$625,000 were estimated for the April-June 2012 quarter. Note: Specific initiative allocations need to be looked at every two years to reassess project allocation schedule.

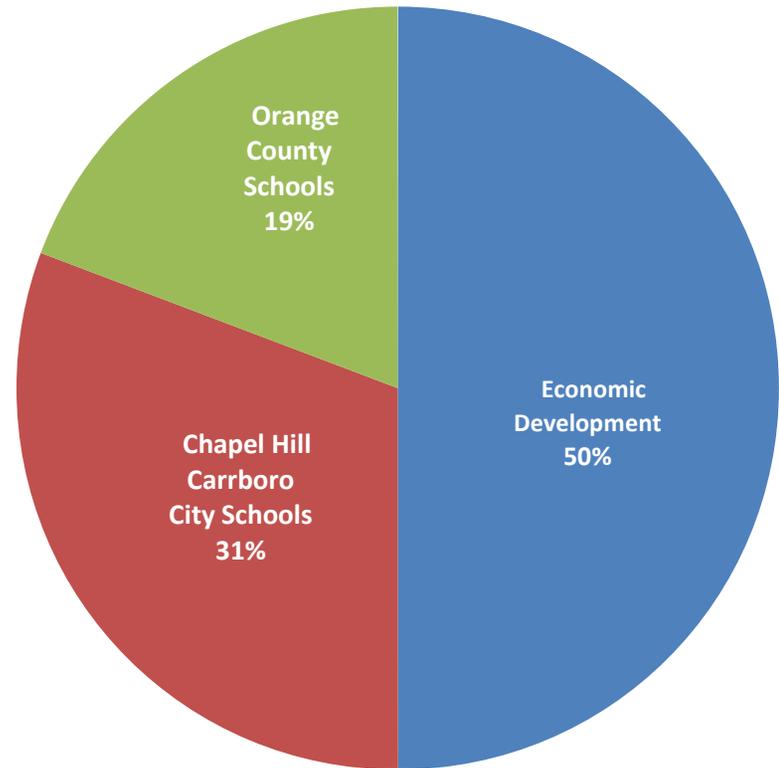
\*Note: The Board of County Commissioners approved a Water and Sewer Agreement with the City of Mebane at its June 19, 2012 meeting, whereby the City of Mebane reserves 250,000 gallons per day of capacity in the Mebane water and sewer system at a cost of \$50,000 per year for a period of 10 years. At such time as the County makes the tenth and final payment of \$50,000, the City shall assume responsibility for determining capacity in the service area. The annual cost would be reduced as the reserved capacity in the Mebane system is allocated to new customers in the areas served.

**FY 2013-18 Orange County Capital Investment Plan Projects  
Article 46 Sales Tax - Appropriations**

**Year 1: FY 2013-14  
\$2,639,000**



**Years 1-5: 2013-2018  
\$13,596,831**



**APPROVED - Water & Sewer Utilities Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
<i>Efland/North Buckhorn Sewer Expansion</i>	-						-	
<i>McGowan Creek Outfall</i>	134,200	621,250					621,250	
<i>Lake Orange Capital Maintenance</i>	69,300						-	
<i>Buckhorn-Mebane EDD Phase 2</i>	4,256,046						-	
<i>Buckhorn-Mebane EDD Phase 3 &amp; 4</i>			350,000	2,500,000			2,850,000	
<i>Efland Sewer Flow to Mebane</i>	151,600	160,000	3,436,000				3,596,000	
<i>Richmond Hills Pump Station Rehab</i>					185,000		185,000	
<i>Hillsborough EDD</i>						150,000	150,000	1,000,000
<i>Eno EDD</i>	200,000	115,000	1,750,000				1,865,000	
<b>Total</b>	<b>4,811,146</b>	<b>896,250</b>	<b>5,536,000</b>	<b>2,500,000</b>	<b>185,000</b>	<b>150,000</b>	<b>9,267,250</b>	<b>1,000,000</b>
<b>General Fund Related Operating Costs</b>								
<i>Personnel Services</i>								
<i>Operations</i>								
<i>New Debt Service</i>		489,282	556,714	971,594	1,171,594	1,171,594	4,360,778	5,857,970
<i>Total Operating Costs</i>		<b>489,282</b>	<b>556,714</b>	<b>971,594</b>	<b>1,171,594</b>	<b>1,171,594</b>	<b>4,360,778</b>	<b>5,857,970</b>
<b>Revenues/Funding Source</b>								
<i>Transfer from General Fund</i>	420,900	-	350,000			150,000	500,000	
<i>Transfer from Other Projects</i>							-	
<i>General Fund - Debt Service Payments</i>		148,798	194,230	194,230	194,230	194,230	925,718	971,150
<i>Article 46 Sales Tax - Debt Service</i>		340,484	362,484	777,364	977,364	977,364	3,435,060	4,886,820
<i>Reserve Funds - Article 46 Sales Tax</i>					185,000		185,000	
<i>County Capital Fund Balance</i>	-						-	
<i>EPA Special Appropriations Grant</i>							-	
<i>State Revolving Loan Funds</i>	134,200	621,250					621,250	
<i>Debt Financing - Article 46 Sales Tax</i>	4,256,046	275,000	5,186,000	2,500,000			7,961,000	1,000,000
<b>Total</b>	<b>4,811,146</b>	<b>1,385,532</b>	<b>6,092,714</b>	<b>3,471,594</b>	<b>1,356,594</b>	<b>1,321,594</b>	<b>13,628,028</b>	<b>6,857,970</b>

The Water & Sewer Utilities Fund accounts for revenues and expenses related to the provision of sewer service.

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Central Efland/North Buckhorn Sewer Expansion</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2010</i>	
Department	<i>Planning</i>						Completion Date	<i>6/30/2013</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	34,000							-	
Land/Building	59,900							-	
Construction/Repairs/Renovations	3,700,000							-	
Equipment/Furnishings								-	
<b>Total Project Budget</b>	<b>3,793,900</b>	-	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			148,798	148,798	148,798	148,798	148,798	743,990	743,990
<b>Total Operating Costs</b>			<b>148,798</b>	<b>148,798</b>	<b>148,798</b>	<b>148,798</b>	<b>148,798</b>	<b>743,990</b>	<b>743,990</b>
<i>Revenues/Funding Source</i>									
Transfers from General Fund	93,601							-	-
General Fund - Debt Service Payments			148,798	148,798	148,798	148,798	148,798	743,990	743,990
EPA Special Appropriations Grant	1,348,400							-	
State Revolving Loan Funds	2,351,899							-	
Debt Financing								-	
<b>Total</b>	<b>3,793,900</b>	-	<b>148,798</b>	<b>148,798</b>	<b>148,798</b>	<b>148,798</b>	<b>148,798</b>	<b>743,990</b>	<b>743,990</b>

**Project Description/Justification**

In the mid-1980s, the decision was made to construct public sewer service in the Efland Community. The County's funding ran out before the entire community could be served, but there were approximately 80 residents remaining who had signed up to receive sewer and never did. The Central Efland portion of this project will provide sewer service availability to the majority of those properties that requested service 25 years ago, in addition to providing sewer availability to most of the rest of the Efland Community. The Northern Buckhorn project will be an extension of the City of Mebane's sewer system and will serve residents in the area along Buckhorn Road between the Interstate and the railroad tracks. This portion of the project is made possible by EPA Special Appropriations Grants that were earmarked by Congressman David Price and applied for by the County. The vast majority of the Central Efland project will be paid for by the remainder of the EPA grant and by a DENR State Revolving Loan Fund. An estimate of the debt service is shown above, based on an estimated loan amount of \$2,351,899 an interest rate of 2.445% and the maximum term of 20 years. The full loan amount of \$3,500,000 is a maximum line of credit and was based on the original project cost estimates, but based on the project bids and current costs, the loan is expected to be less than \$2,400,000, as shown above. The debt service payments will be based on the actual amount borrowed. Some project expenses are not reimbursable by the State Loan program or the EPA grant. These have been paid from Capital Project 30017 from proceeds of the 1997 bond issued to pay for the Central Efland Sewer Extension

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>McGowan Creek Outfall</b>							<b>Project Status</b>	<b>Approved</b>
<b>Functional Service Area</b>	<b>Community and Environment</b>							<b>Starting Date</b>	<b>8/1/2012</b>
<b>Department</b>	<b>Planning</b>							<b>Completion Date</b>	<b>8/1/2014</b>
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
Professional Design Services		94,200						-	
Land/Building		40,000						-	
Construction/Repairs/Renovations			621,250					621,250	
Equipment/Furnishings									
<b>Total Project Budget</b>	<b>-</b>	<b>134,200</b>	<b>621,250</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>621,250</b>	
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service				45,432	45,432	45,432	45,432	181,728	227,160
<b>Total Operating Costs</b>				<b>45,432</b>	<b>45,432</b>	<b>45,432</b>	<b>45,432</b>	<b>181,728</b>	<b>227,160</b>
<i>Revenues/Funding Source</i>									
General Fund - Debt Service Payments				45,432	45,432	45,432	45,432	181,728	227,160
Debt Financing (SRF funds)		134,200	621,250					621,250	
<b>Total</b>		<b>134,200</b>	<b>621,250</b>	<b>45,432</b>	<b>45,432</b>	<b>45,432</b>	<b>45,432</b>	<b>802,978</b>	<b>227,160</b>

**Project Description/Justification**

The McGowan Creek Pump Station (MCPS) is the main pump station of the Efland Sewer System. The pumps, generator and electrical controls were installed and put into operation in 1988, so they are now roughly 24 years old. According to Orange Water and Sewer Authority (OWASA), who perform our routine maintenance, all of these components of the system have been in service longer than OWASA's standard duty schedule of 10 years for pumps and controls and 20 years for generators. The construction-phase engineering consultant for the ongoing Central Efland-2/North Buckhorn sewer expansion has determined that the existing MCPS can be taken out of service by installing a new gravity outfall between the MCPS and the proposed, but upsized, Brookhollow sewer lift station located on Brookhollow Road. The work to prepare the Brookhollow lift station to receive this outfall is expected to be completed in March 2013. The County has received approval from NCDENR for Clean Water State Revolving Fund (SRF) Loan funds in the amount of \$755,450 for this project. The SRF loan is a reimbursable line of credit which will not be available until the bids are received for project construction and approved by the State. Until State funds are available for reimbursement, this project will have to be funded from the General Fund or through debt service. This project will also facilitate the eventual transfer of the Efland Sewer system to the City of Mebane by removing an antiquated lift station, and its associated maintenance and upkeep, from the system.

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Lake Orange Capital Maintenance</i>						Project Status		<i>Approved</i>
Functional Service Area	<i>Community and Environment</i>						Starting Date		<i>7/1/2009</i>
Department	<i>Planning</i>						Completion Date		<i>9/30/2013</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Design Services	70,310								
Land/Building									
Construction/Repairs/Renovations	206,690	69,300						-	
Equipment/Furnishings									
<b>Total Project Budget</b>	<b>277,000</b>	<b>69,300</b>	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service									
<b>Total Operating Costs</b>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
Transfers from General Fund	165,000	69,300						-	
County Capital Fund Balance	112,000								
<b>Total</b>	<b>277,000</b>	<b>69,300</b>	-	-	-	-	-	-	-

**Project Description/Justification**

Lake Orange has been in operation since the late 1960s. Besides minor repairs and mowing of the dam, there has been no routine maintenance performed on the dam or spillway over the last 40 years. In 2009, engineering staff initiated an inspection of the dam by a qualified engineer to identify and quantify some suspected deficiencies in the dam and spillway. The result of this inspection was a report that prioritized several necessary repairs and suggested other ongoing maintenance items. The most urgent of these repairs are going to be completed this fiscal year and are part of the capital project listed above. Also included in the capital project listed is a project to modernize the gate technology at the Lake by installing a new gate that will be controlled electronically and can be monitored and adjusted remotely. After that, the routine maintenance suggested will not be part of a capital project, but will become part of the annual operation and maintenance budget for Lake Orange.

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Buckhorn EDD Phase 2 Water and Sewer</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>12/1/2010</i>	
Department	<i>Planning</i>						Completion Date	<i>4/30/2014</i>	
Project Budget	Current Prior Years Funding	Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	300,000	139,500							
Land/Building	35,500								
Construction/Repairs/Renovations		4,016,546						-	
Contingency		100,000							
<i>Total Project Budget</i>	<b>335,500</b>	<b>4,256,046</b>	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418
<i>Total Operating Costs</i>			<b>340,484</b>	<b>340,484</b>	<b>340,484</b>	<b>340,484</b>	<b>340,484</b>	<b>1,702,418</b>	<b>1,702,418</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund	200,000							-	
Article 46 Sales Tax - Debt Service			340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418
Debt Financing - Article 46 Sales Tax	135,500	4,256,046						-	
<i>Total</i>	<b>335,500</b>	<b>4,256,046</b>	<b>340,484</b>	<b>340,484</b>	<b>340,484</b>	<b>340,484</b>	<b>340,484</b>	<b>1,702,418</b>	<b>1,702,418</b>

**Project Description/Justification**

This 400± acre area of the County has been designated an Economic Development District for about two decades, but has not seen the development originally envisioned. This is due in large part to having no water or sewer infrastructure available to support development. Design and ultimately construction of water and sewer infrastructure in this EDD will remove one of the barriers to development in the area. The Phase 2 portion is generally the land that is bounded by Buckhorn Road to the west, Gravelly Hill Middle School to the east, the Interstates 40/85 to the north and West Ten Road to the south. The project will also make gravity sewer available to an additional 400 acres of land located west of the Phase 2 area and just north of Bowman Road. Bids were received in early October 2012, with construction anticipated to begin in early 2013 and be complete in early 2014. This project includes approximately 2,100 lf of 8" gravity sewer line, 5,000 lf of 12" gravity sewer line, 9,000 lf of 18" gravity sewer line, and 12,500 linear feet of 16" water main.

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Buckhorn-Mebane EDD Phase 3 &amp; 4 Water and Sewer</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Engineering</b>						<b>Starting Date</b>	<b>8/1/2014</b>	
<b>Department</b>	<b>Planning</b>						<b>Completion Date</b>	<b>12/31/2016</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Professional Design Services</i>				200,000	120,000			320,000	
<i>Land/Building</i>				150,000				150,000	
<i>Construction/Repairs/Renovations</i>					2,380,000			2,380,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-	-	-	<b>350,000</b>	<b>2,500,000</b>	-	-	<b>2,850,000</b>	
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>						200,000	200,000	400,000	1,000,000
<i>Total Operating Costs</i>						<b>200,000</b>	<b>200,000</b>	<b>400,000</b>	<b>1,000,000</b>
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>				350,000				350,000	
<i>Article 46 Sales Tax - Debt Service</i>						200,000	200,000	400,000	1,000,000
<i>Debt Financing - Article 46 Sales Tax</i>					2,500,000			2,500,000	
<i>Total</i>	-	-	-	<b>350,000</b>	<b>2,500,000</b>	<b>200,000</b>	<b>200,000</b>	<b>3,250,000</b>	<b>1,000,000</b>

**Project Description/Justification**

This 350 acre area of the County has been designated an Economic Development District for about two decades, but has not seen the development originally envisioned. This is due in large part to having no water or sewer infrastructure available to support development. Design and ultimately construction of water and sewer infrastructure in this EDD will remove one of the barriers to development in the area. Design of water and sewer infrastructure to serve the Phase 3 & 4 will have to await the construction of Phase 2 portion of the Buckhorn-Mebane EDD with anticipated construction in earlier year CIP's. The Phase 2 portion is generally the land that is bounded by Buckhorn Road to the west, the Interstates 40/85 to the south and the railroad or Hwy 70 to the north. This project estimated cost is based on approximately 10,000 feet of gravity sewer which branches off from the Phase 2 infrastructure to serve area D3 and D4 (as shown in the Hobbs Upchurch utilities analysis dated November 2011), two highway bores, and one new sewer pump station to replace the existing Gravelly Hill pump station.

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

Project Name	<i>Buckhorn EDD Phase 2 Extension (Efland Sewer to Mebane)</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>Planning</i>						Completion Date	<i>6/30/2015</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Design Services		151,600	120,000					120,000	
Land/Building			40,000					40,000	
Construction/Repairs/Renovations			-	3,436,000				3,436,000	
Equipment/Furnishings									
<b>Total Project Budget</b>		<b>151,600</b>	<b>160,000</b>	<b>3,436,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,596,000</b>	<b>-</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service				12,800	287,680	287,680	287,680	875,840	1,438,400
<b>Total Operating Costs</b>			<b>-</b>	<b>12,800</b>	<b>287,680</b>	<b>287,680</b>	<b>287,680</b>	<b>875,840</b>	<b>1,438,400</b>
<i>Revenues/Funding Source</i>									
Transfer from General Fund		151,600	-					-	
Article 46 Sales Tax - Debt Service				12,800	287,680	287,680	287,680	875,840	1,438,400
Debt Financing - Article 46 Sales Tax			160,000	3,436,000				3,596,000	
<b>Total</b>		<b>151,600</b>	<b>160,000</b>	<b>3,448,800</b>	<b>287,680</b>	<b>287,680</b>	<b>287,680</b>	<b>4,471,840</b>	<b>1,438,400</b>

**Project Description/Justification**

Currently, the wastewater collected by the Efland sewer system is pumped 3 1/2 miles east to the Town of Hillsborough via a 10" force main. This project would construct the infrastructure necessary to send the wastewater collected by the existing system (circa 1988+), the proposed system extension and any future system extensions the opposite direction to the City of Mebane along West Ten Road. This fits into a long range strategy to ultimately turn over operation of the Efland sewer system to the City of Mebane based on an interlocal agreement signed in 2012. This project would also construct the force main between the existing Gravelly Hill Pump station and Rock Quarry road which will eventually allow the Gravelly Hill PS (Buckhorn EDD) to be upgraded. When completed, the roughly \$100,000 annual General Fund contribution necessary to cover the expenses of operating the Efland Sewer System would be eliminated. Cost estimates have been revised based on preliminary design data and recent bid prices on related projects. The original Professional Design Services estimate for 2012-2013 has been revised to reflect the actual cost of the design contract approved by the BOCC on 9/6/2012. **Note: Design and permits to go under the Interstate and Railroad will more than likely take all of FY 2013-14 to complete. Some parts of this project, when completed, may shift to the General Fund as the engineering design and scope of the project are defined.**

**Water & Sewer Utilities Capital Projects**  
**Fiscal Years 2013-18**

Project Name	<i>Richmond Hills Pump Station Rehabilitation</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2016</i>	
Department	<i>Planning</i>						Completion Date	<i>12/31/2016</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Design Services</i>						31,000		31,000	
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>						154,000		154,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-		-	-	-	<b>185,000</b>	-	<b>185,000</b>	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>	-		-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
<i>Reserve Funds - Article 46 Sales Tax</i>						185,000		185,000	
<i>Total</i>	-		-	-	-	<b>185,000</b>	-	<b>185,000</b>	-

**Project Description/Justification**

The Richmond Hills Pump Station was installed in 2001 to serve the Richmond Hills Subdivision built by Habitat for Humanity. According to Orange Water and Sewer Authority (OWASA), who perform our routine maintenance, the standard duty schedule is 10 years for pumps and controls and 20 years for generators. Because our current customer rates do not generate enough revenue to provide for a capital reserve, we are proposing to replace the pumps and controls at the 15-year mark. As a matter of policy, sewer lift stations should be limited if possible and/or operating rates or developer payment in lieu of capital reserve should also be considered. This project will include replacement of the pumps and electrical controls, addition of SCADA remote monitoring equipment and wet well rehabilitation, if necessary. NOTE: When the connection between Efland Sewer and the City of Mebane sewer system is complete, Mebane will be responsible for all utilities, including this pump station.

**Water & Sewer Utilities Capital Projects  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Hillsborough EDD</b>						<b>Project Status</b>	<b>Approved</b>	
<b>Functional Service Area</b>	<b>Engineering</b>						<b>Starting Date</b>	<b>7/1/2014</b>	
<b>Department</b>	<b>Planning</b>						<b>Completion Date</b>	<b>6/30/2019</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
Professional Design Services			-				100,000	100,000	
Land/Building			-				50,000	50,000	
Construction/Repairs/Renovations				-					1,000,000
Equipment/Furnishings									
<b>Total Project Budget</b>			-	-	-	-	<b>150,000</b>	<b>150,000</b>	<b>1,000,000</b>
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service								-	-
<b>Total Operating Costs</b>			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
Transfer from General Fund			-				150,000	150,000	
Debt Financing - Article 46 Sales Tax				-					1,000,000
<b>Total</b>			-	-	-	-	<b>150,000</b>	<b>150,000</b>	<b>1,000,000</b>

**Project Description/Justification**

This 400 acre area of the County has been designated an Economic Development District for about two decades, but has not seen the development originally envisioned. This is due in large part to having no water or sewer infrastructure available to support development. Design and ultimately construction of water and sewer infrastructure in this EDD will remove one of the barriers to development in the area. Design of water and sewer infrastructure to serve this area would be done in conjunction with the City of Hillsborough who is the utility service provider in the area. This area is generally located around the northwest, southwest, southeast quadrants of I-40 and Old NC 86 as well as the southeast quadrant of I-85 and new NC 86. Note: This project could move up or back depending on future economic activity in the Hillsborough EDD.

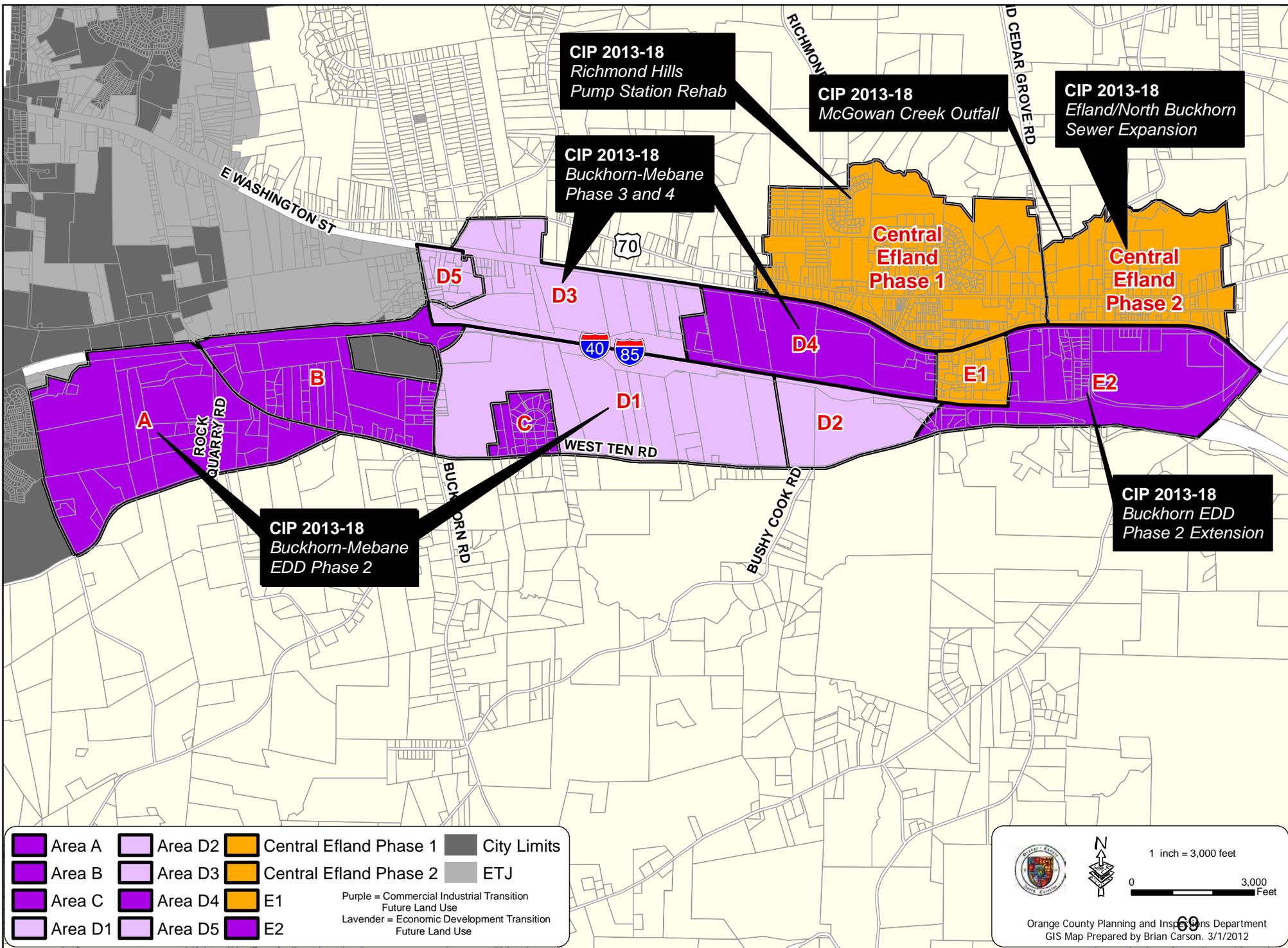
**Water & Sewer Utilities Capital Projects**  
**Fiscal Years 2013-18**

Project Name Functional Service Area Department	<i>Eno EDD</i> <i>Engineering</i> <i>Planning</i>								Project Status Starting Date Completion Date	<i>Approved</i> <i>12/1/2012</i> <i>6/30/2016</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10	
<i>Appropriation</i>										
Professional Design Services		200,000	65,000					65,000		
Land/Building			50,000					50,000		
Construction/Repairs/Renovations			-	1,750,000				1,750,000		
Equipment/Furnishings										
<i>Total Project Budget</i>		<b>200,000</b>	<b>115,000</b>	<b>1,750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,865,000</b>	<b>-</b>	
<i>General Fund Related Operating Costs</i>										
Personnel Services										
Operations										
New Debt Service				9,200	149,200	149,200	149,200	456,800	746,000	
<i>Total Operating Costs</i>			<b>-</b>	<b>9,200</b>	<b>149,200</b>	<b>149,200</b>	<b>149,200</b>	<b>456,800</b>	<b>746,000</b>	
<i>Revenues/Funding Source</i>										
Transfer from General Fund		200,000	-	-				-	-	
Article 46 Sales Tax - Debt Service				9,200	149,200	149,200	149,200	456,800	746,000	
Debt Financing - Article 46 Sales Tax			115,000	1,750,000				1,865,000		
<i>Total</i>		<b>200,000</b>	<b>115,000</b>	<b>1,759,200</b>	<b>149,200</b>	<b>149,200</b>	<b>149,200</b>	<b>2,321,800</b>	<b>746,000</b>	

**Project Description/Justification**

This 800 acre area of the County has been designated an Economic Development District for about two decades, but has not seen the development originally envisioned. This is due in large part to having no water or sewer infrastructure available to support development. Design and ultimately construction of water and sewer infrastructure in this EDD will remove one of the barriers to development in the area. This area is generally the land that is bounded by Mt. Herman Church Road to the west, the Interstates 40/85 to the north and old Hwy 10 to the south along the US 70 corridor. Orange County has recently entered into an agreement with the City of Durham wherein Durham will provide water and sewer service to this area and supervise the design and construction of the utility infrastructure necessary to provide service. Orange County will provide the financing for the construction and will have input into selection of the design engineer and contractor as well as the extent of the design.

# Efland/Buckhorn/Mebane Capital Projects



	Area A		Area D2		Central Efland Phase 1		City Limits
	Area B		Area D3		Central Efland Phase 2		ETJ
	Area C		Area D4		E1		
	Area D1		Area D5		E2		

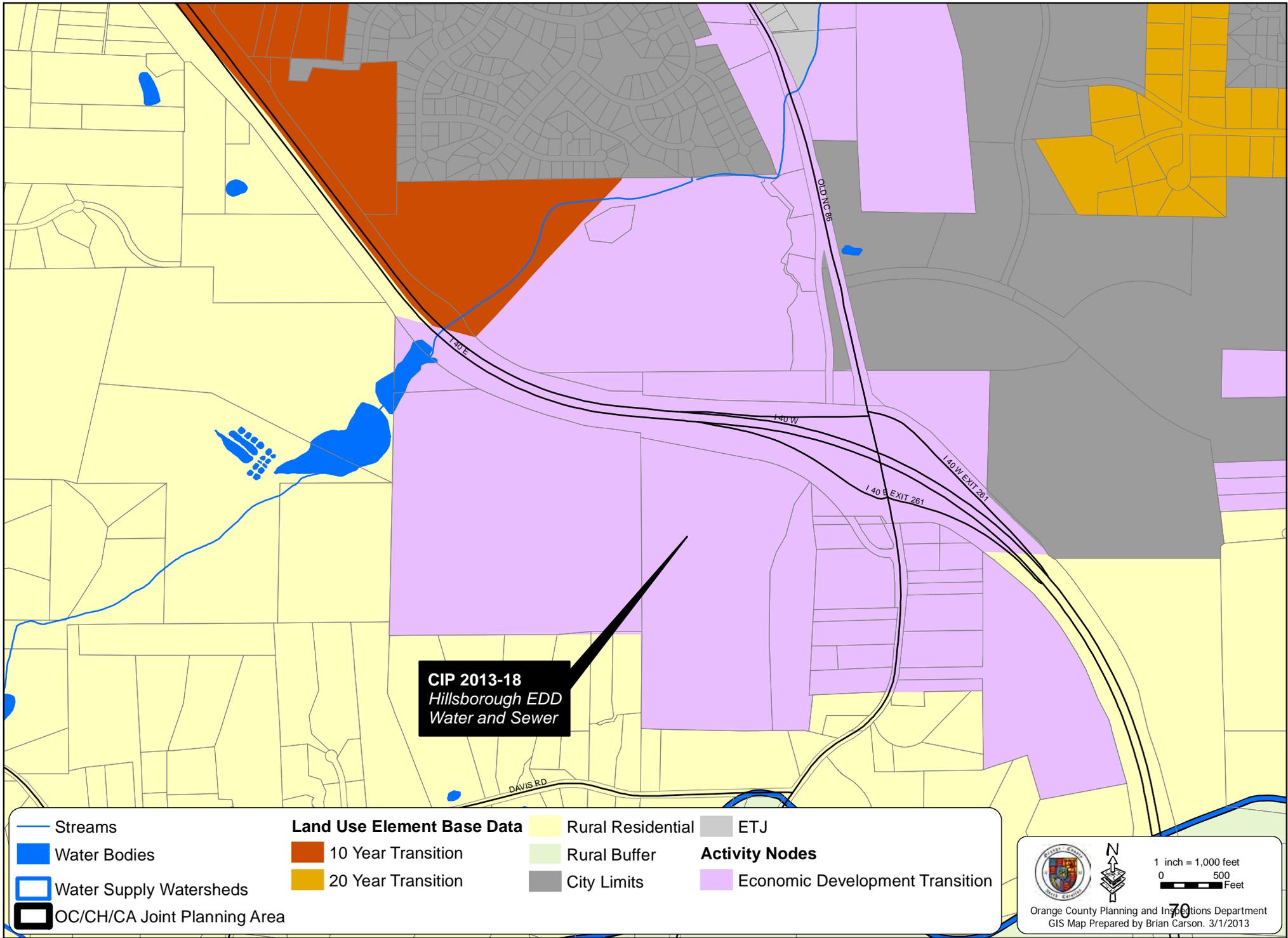
Purple = Commercial Industrial Transition Future Land Use  
 Lavender = Economic Development Transition Future Land Use

1 inch = 3,000 feet

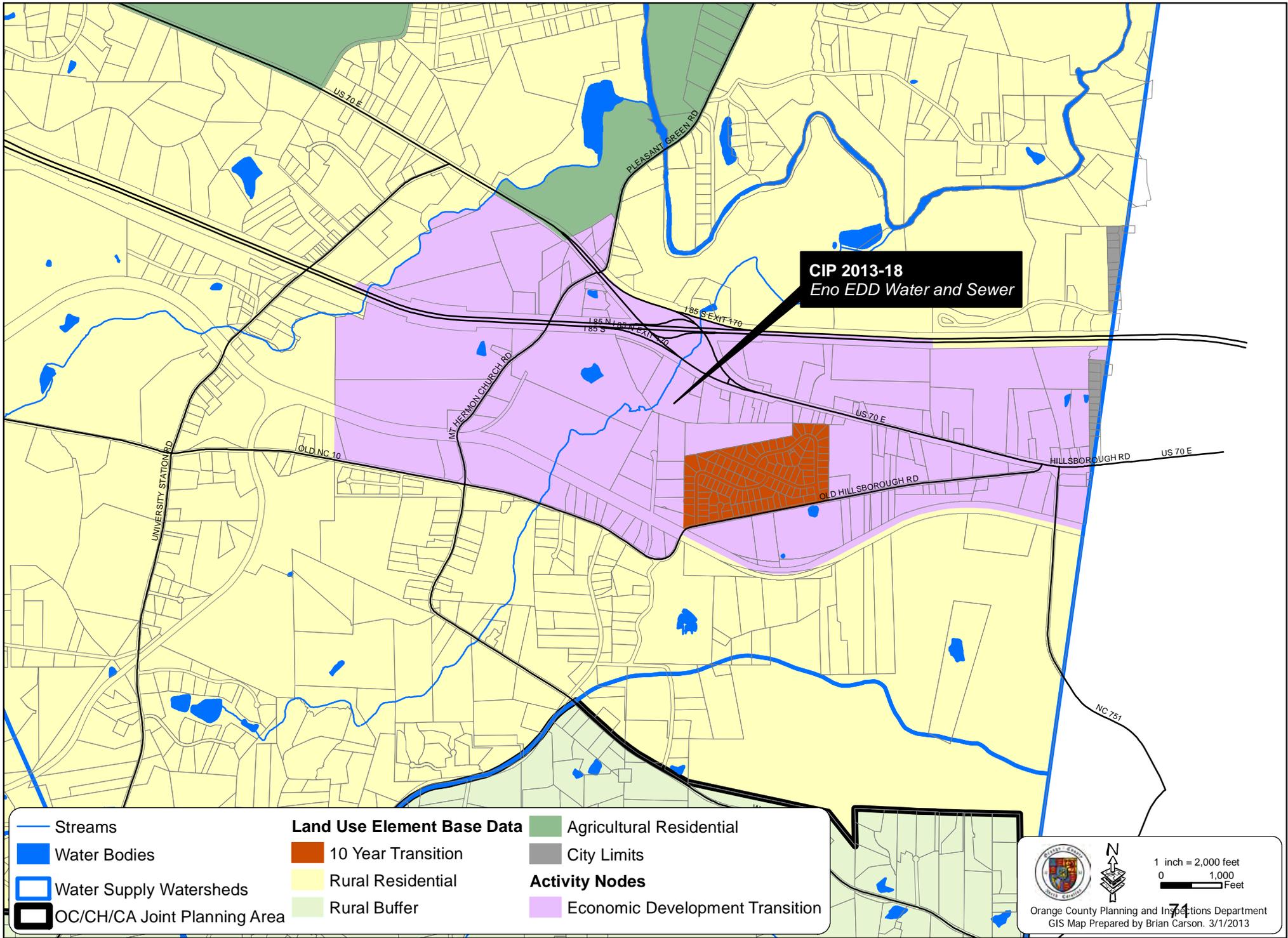
0 3,000 Feet

Orange County Planning and Inspections Department  
 GIS Map Prepared by Brian Carson, 3/1/2012

# Hillsborough EDD CIP Project Area



# Eno EDD CIP Project Area



**APPROVED - Solid Waste Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
<i>Environmental Support</i>			100,592				100,592	
<i>Sanitation</i>	278,895	150,000	1,894,812	505,808	522,865	156,139	3,229,624	1,631,799
<i>Recycling Operation</i>	345,821		214,055	753,918	1,101,004	522,316	2,591,293	5,042,914
<i>Landfill - MSW*</i>		3,166,846					3,166,846	
<i>Landfill - C &amp; D</i>	306,492		414,533	536,828	601,861	629,617	2,182,839	2,589,239
<b>Total</b>	<b>931,208</b>	<b>3,316,846</b>	<b>2,623,992</b>	<b>1,796,554</b>	<b>2,225,730</b>	<b>1,308,072</b>	<b>11,271,194</b>	<b>9,263,952</b>
<b>Revenues/Funding Source</b>								
<i>Sold Waste Fund Balance</i>	931,208	3,316,846	936,124	1,508,037	2,225,730	1,308,072	9,294,809	4,221,038
<i>3R Fee</i>							-	5,042,914
<i>Debt Financing</i>		-	1,687,868	288,517			1,976,385	
<i>Grant</i>							-	
<b>Total</b>	<b>931,208</b>	<b>3,316,846</b>	<b>2,623,992</b>	<b>1,796,554</b>	<b>2,225,730</b>	<b>1,308,072</b>	<b>11,271,194</b>	<b>9,263,952</b>

Solid Waste/Landfill Fund is a self supporting Proprietary Fund that is used to account for revenues and expenses related to the provision of solid waste disposal and recycling activities for the citizens of Orange County.

\*\$3,120,815 was originally budgeted in FY 2012-13, but costs will be realized in FY 2013-14 due to a delay by the State in approval of the closure plan. The Landfill closed on June 30, 2013, and closure construction costs of \$3,166,846 will be incurred in FY 2013-14.

**Solid Waste - Environmental Support  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Environmental Support - Equipment Replacement</b>						<b>Project Status</b>	<b>Active</b>	
<b>Functional Service Area</b>	<b>Environmental Support</b>						<b>Starting Date</b>	<b>7/1/2014</b>	
<b>Department</b>	<b>Solid Waste Management</b>						<b>Completion Date</b>	<b>6/30/2015</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>				100,592				100,592	
<i>Total Project Budget</i>	-	-	-	<b>100,592</b>	-	-	-	<b>100,592</b>	-
<i>Revenues/Funding Source</i>									
<i>Solid Waste Fund Balance</i>				100,592				100,592	
<i>Debt Financing</i>									
<i>Total</i>	-	-	-	<b>100,592</b>	-	-	-	<b>100,592</b>	-

**Project Description/Justification**

**Year 2**

FY 2014-15 Replacement of large service vehicle with crane \$100,592

**Solid Waste - Sanitation Projects  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	Vehicle/Equipment Replacement Sanitation Solid Waste Management		Project Status					Active	
	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	7/1/2012 Ongoing Year 6 to Year 10
<b>Project Budget</b>									
<i>Appropriation</i>									
Land/Building									
Construction/Repairs/Renovations	1,250,000	-	150,000	1,687,868	288,517	212,028		2,338,413	
Equipment/Furnishings	193,729	278,895	-	206,944	217,291	310,837	156,139	891,211	1,631,799
<b>Total Project Budget</b>	<b>1,443,729</b>	<b>278,895</b>	<b>150,000</b>	<b>1,894,812</b>	<b>505,808</b>	<b>522,865</b>	<b>156,139</b>	<b>3,229,624</b>	<b>1,631,799</b>
<i>Revenues/Funding Source</i>									
Solid Waste Fund Balance	193,729	278,895	150,000	206,944	217,291	522,865	156,139	1,253,239	1,631,799
Debt Financing	1,250,000	-	-	1,687,868	288,517			1,976,385	
<b>Total</b>	<b>1,443,729</b>	<b>278,895</b>	<b>150,000</b>	<b>1,894,812</b>	<b>505,808</b>	<b>522,865</b>	<b>156,139</b>	<b>3,229,624</b>	<b>1,631,799</b>

**Project Description/Justification**

**Current Year FY 2012-13**

FY 2012-13 SWCC Improvements (High Rock Road)	-
FY 2012-13 Replacement of Front End Loader # 678	278,895
<b>Year 1</b>	
FY 2013-14 SWCC Improvements (Eubanks Road - Planning & Engineering Costs only)	150,000
FY 2013-14 Replacement of Hook Lift Truck # 680 (2009 Freightliner)	-
<b>Year 2</b>	
FY 2014-15 SWCC Improvements (High Rock Road delayed from FY 2012-13)	452,441
FY 2014-15 SWCC Improvements (Eubanks Road)	1,235,427
FY 2014-15 Replacement of Hook Lift Truck # 768 (2009 Freightliner)	206,944
<b>Year 3</b>	
FY 2015-16 SWCC Improvements (Ferguson Road)	288,517
FY 2015-16 Replacement of Front End Loader # 780 (2009 Peterbilt) with a Hook Lift Truck	217,291
<b>Year 4</b>	
FY 2016-17 SWCC Improvements (Bradshaw Quarry)	212,028
FY 2016-17 Replacement of Front End Loader #775	310,837
<b>Year 5</b>	
FY 2017-18 Replacement of Tandem Dump truck #679	156,139
<b>Years 6-10</b>	
FY 2018-19 Replacement of Hook Lift Truck	251,788
FY 2019-20 Replacement of Hook Lift Truck	277,595
FY 2019-20 Replacement of Front End Loader	392,433
FY 2020-21 Replacement of Hook Lift Truck	277,325
FY 2021-22 Replacement of Front End Loader	432,658

**Solid Waste - Recycling Projects**  
Fiscal Years 2013-18

Project Name Functional Service Area Department	Vehicle and Equipment Replacement/ Cart Purchase/ Pad Relocation Recycling Operations Solid Waste Management						Project Status Starting Date Completion Date	Active 7/1/2012 Ongoing	
	Prior Years Funding	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
<b>Project Budget</b>									
<i>Appropriation</i>									
<i>Land/Building</i>									982,813
<i>Construction/Repairs/Renovations</i>									4,060,101
<i>Equipment/Furnishings</i>	125,000	345,821	-	214,055	753,918	1,101,004	522,316	2,591,293	
<i>Total Project Budget</i>	<b>125,000</b>	<b>345,821</b>	-	<b>214,055</b>	<b>753,918</b>	<b>1,101,004</b>	<b>522,316</b>	<b>2,591,293</b>	<b>5,042,914</b>
<i>Revenues/Funding Source</i>									
<i>3R Fee/ Solid Waste Fund</i>	125,000	345,821	-	214,055	753,918	1,101,004	522,316	2,591,293	5,042,914
<i>Debt Financing</i>			-						
<i>Grant</i>			-						
<i>Total</i>	<b>125,000</b>	<b>345,821</b>	-	<b>214,055</b>	<b>753,918</b>	<b>1,101,004</b>	<b>522,316</b>	<b>2,591,293</b>	<b>5,042,914</b>

**Project Description/Justification**

**Current Year FY 2012-13**  
 \$ 225,648 Replace Commercial Route Truck (1574)  
 \$ 120,173 Replace Sterling Road Tractor

**Year 2**  
 \$ 214,055 Replace Roll off Truck (1779)

**Year 3**  
 \$ 229,665 Replace Roll-off Truck (1681)  
 \$ 286,453 Replace Peterbilt FEL (1776)  
 \$ 237,800 Replace CAT 315 Excavator

**Year 4**  
 \$ 982,808 Replace Horizontal Grinder  
 \$ 118,196 Replace Cat 906H Rubber tire loader

**Year 5**  
 \$ 181,212 Replace Cat Wheel Loader 924GZ  
 \$ 341,104 Replace Peterbilt FEL (1781)

**Solid Waste - Landfill/Municipal Solid Waste  
Fiscal Years 2013-18**

<b>Project Name</b>	<b>Closure/Equipment Replacement</b>						<b>Project Status</b>	<b>Active</b>	
<b>Functional Service Area</b>	<b>Landfill/Municipal Solid Waste</b>						<b>Starting Date</b>	<b>7/1/2012</b>	
<b>Department</b>	<b>Solid Waste Management</b>						<b>Completion Date</b>	<b>6/30/2013</b>	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<i>Appropriation</i>									
Land/Building									
Construction/Repairs/Renovations	105,089	-	3,166,846					3,166,846	
Equipment/Furnishings	140,844							-	
<b>Total Project Budget</b>	<b>245,933</b>	<b>-</b>	<b>3,166,846</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,166,846</b>	
<i>Revenues/Funding Source</i>									
Solid Waste Fund Balance	245,933	-	3,166,846	-	-	-	-	3,166,846	-
Debt Financing									
<b>Total</b>	<b>245,933</b>	<b>-</b>	<b>3,166,846</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,166,846</b>	<b>-</b>

**Project Description/Justification**

**Current Fiscal Year 2012-13**

FY 12-13 Anticipated Closure Cost of \$3,120,815 for MSW Landfill (Included 10% Contingency) NOTE: Due to State delay of Closure Plan approval, this expenditure is now budgeted in FY 2013-14.

**Year 1**

FY 2013-14 Due to delay by State on approval of Closure Plan, delay closure construction costs of Municipal Solid Waste Landfill \$3,166,846 (Includes 10% Contingency). The Landfill closed on June 30, 2013, but closure construction costs will be incurred in FY 2013-14.

**Solid Waste - Landfill/Construction and Demolition  
Fiscal Years 2013-18**

Project Name Functional Service Area Department	<i>Equipment Replacement</i>		<i>Landfill/Construction and Demolition</i>				<i>Landfill/Ancillary Facilities</i>		Project Status	<i>Active 7/1/2012 Ongoing</i>
	<i>Solid Waste Management</i>	<i>Landfill Division</i>	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Starting Date Completion Date	
<b>Project Budget</b>	<b>Prior Years Funding</b>	<b>Current Fiscal Year 2012-13</b>								<b>Year 6 to Year 10</b>
<i>Appropriation</i>										
<i>Land/Building</i>										
<i>Construction/Repairs/Renovations</i>										-
<i>Equipment/Furnishings</i>		306,492	-	414,533	536,828	601,861	629,617	2,182,839		412,582
<i>Total Project Budget</i>		<b>306,492</b>	<b>-</b>	<b>414,533</b>	<b>536,828</b>	<b>601,861</b>	<b>629,617</b>	<b>2,182,839</b>		<b>2,176,657</b>
<i>Revenues/Funding Source</i>										
<i>Solid Waste Fund Balance</i>		306,492	-	414,533	536,828	601,861	629,617	2,182,839		2,589,239
<i>Debt Financing</i>										
<i>Total</i>		<b>306,492</b>	<b>-</b>	<b>414,533</b>	<b>536,828</b>	<b>601,861</b>	<b>629,617</b>	<b>2,182,839</b>		<b>2,589,239</b>

**Project Description/Justification**

**Current Year FY 2012-13**

FY Replacement of Track Loader at \$306,492

**Year 2**

FY 2014-15 Replace Hydraulic Excavator \$414,533

**Year 3**

FY 2015-16 Replace Articulating Off Road Truck \$536,828

**Year 4**

FY 2016-17 Replace Construction and Demolition CMI 3-75 Trash Compactor \$601,861

**Year 5**

FY 2017-18 Replacement of D-6 Dozer \$629,617

**APPROVED - Sportsplex Capital Projects Summary**  
**Fiscal Years 2013-18**

<b>Project Budget</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Appropriations</b>								
Land/Building Design Construction/Repairs/Renovations		30,000					30,000	
<i>New Facilities Projects:</i>								
Major Expansion Phase 1 (1)			950,000				950,000	
Major Expansion Phase 2 (1)				1,900,000			1,900,000	
Major Expansion Phase 3 (1)					900,000		900,000	
<i>Renovation Projects:</i>								
Lobby - Renovations (floor, walls, lighting) (8a)	165,000						-	
Lobby - Renovations (program space expansion)		110,000					110,000	
Girls/Women's Locker-room (5)		30,000					30,000	
Men's and Women's Bathrooms (7)		40,000					40,000	
<i>Facility Maintenance/Replacement Items:</i>								
Parking Lot Repair/Repave				150,000			150,000	
Pool Roof repair	180,000						-	
Pool wall reglaze			125,000				125,000	
Tilt up Panel (exterior wall system)			100,000				100,000	
Rotating Fitness Equipment Upgrade/Replacement (9)		100,000		100,000		100,000	300,000	
Kidsplex Equipment Upgrade (10)						50,000	50,000	
New UV System for Pool	100,000						-	
Bleachers (2)		20,000					20,000	
Pool pump/boiler #2						50,000	50,000	
Cooling Tower Replacement	100,000						-	
Major upgrade of Servers, Telephones (8)	35,000						-	
Rink concrete ice floor repair (3)		75,000				75,000	150,000	
Rink de-humidification /Ice Rink Munters		125,000					125,000	
Zamboni		100,000					100,000	
Major rebuild - compressors/chiller barrel					100,000		100,000	
Lobby - HVAC Replacement	80,000						-	
Climbing Wall ( outside- fee based)					100,000		100,000	
HVAC Contingency (12)					50,000	50,000	100,000	
IT Contingency (12)						50,000	50,000	
Ice Rink/Fitness Wall Repair Paint Project					40,000		40,000	
Pool Lane Timer/Scoreboard (4)		15,000					15,000	
Rink Scoreboard					20,000		20,000	
Outside Pavilion/Play Area (6)		45,000					45,000	
Inflatables (13)		20,000					20,000	
<b>Total</b>	<b>660,000</b>	<b>710,000</b>	<b>1,175,000</b>	<b>2,150,000</b>	<b>1,210,000</b>	<b>375,000</b>	<b>5,620,000</b>	
<b>Revenues/Funding Source</b>								
Sportsplex Fund Balance	660,000	710,000	225,000	250,000	310,000	375,000	1,870,000	
Transfer from General Fund			950,000	1,900,000	900,000		3,750,000	
Debt Financing								
<b>Total</b>	<b>660,000</b>	<b>710,000</b>	<b>1,175,000</b>	<b>2,150,000</b>	<b>1,210,000</b>	<b>375,000</b>	<b>5,620,000</b>	

1. Review with Engineers/Designers revealed that previously proposed Phase 2 Mezzanine (ice) is not feasible. However project has been re-scoped to create national class recreation facility adding indoor turf and court. Project defined to straddle three years:
  - a. Phase 1 is the originally contemplated pool mezzanine of 5,400 sq. ft. featuring new member lockers; dedicated spin/row/"Krank" room and 1,800 sq. ft. senior/ adult cardio/ strength center.
  - b. Phase 2 is a new building addition of 95x165 that will house a turfed field to be used for soccer, lacrosse, senior walking, running, kidsplex, kickball and programs proprietary to RFP such as Lil Kickers that will be brought to Orange County. NOTE: this is a new CIP project proposed by the operator of the Sportsplex, and the projected annual revenues related to this project is anticipated to cover the annual debt service required for this project.
  - c. Phase 3 is a new regulation sized high school/college basketball court (50x84) housed in a building footprint of 75x100 to include bleacher seating. NOTE: this is a new CIP project proposed by the operator of the Sportsplex, and the projected annual revenues related to this project is anticipated to cover the annual debt service required for this project.
  - d. There has been positive dialogue with the Town of Hillsborough on parking approval
2. Bleachers to add seating for rink based venues such as Nutcracker; Skating competitions; Collegiate hockey; Youth hockey ( portable to pool)
3. Rink floor reapr split into two projects
4. Pool Electronic Timer and scoreboard. Scoreboard is 19 years old and failing. Repairs are costly and increasingly less feasible. Required for revenue generating swim meets and lane training
5. Increasingly, youth and adult teams are co-ed. Proposal to convert referee room into girls/women's change room and build replacement ref room and storage in part of Zamboni room
6. Outside pavilion to be built tin flat grassy area to the west of pond. To be used for Kidsplex outdoor activities; rented for parties. Orange County Charter School has expressed interest in partnering. There may also be grants available.
7. Men's and Women's main lobby bathrooms are very worn. Replace flooring; stall dividers; paint; replace eiling tiles. Efficient lighting (motion sensor) and low flow plumbing fixtures. Lower counters and child appropriate toilets. Add safe, locked storage for cleaning supplies. ( all of this has been noted by the Health Inspector)
8. Servers upgraded out of equipment repair/replace budget in 2012/13. Building wide telephone/intercom still required
- 8(a) Facilitates 1,834 additional GroupX space for programs. Results in \$312,000 incremental annual revenue.
9. Major cardio equipment typically has an estimated useful life of 3 years with the heavy usage being experienced by the increasing Sportsplex membership. While rigorous regular maintenance programs can extend life, it is appropriate to maintain a budgeted contingency based on industry replacement standards. Aftermarket for used equipment is not known.
10. Similar to above. With growth in Kidsplex program we expect more capital needs for this program
11. Pumps and boilers have the least useful life of all mechanical classes of equipment. Contingency for replacement.
12. Contingency for HVAC equipment and major IT equipment such as server.
13. Inflatables. This is one of the lowest cost ways to generate revenue. Can be used for Kidsplex; Parties and for fee admission using renovated lobby space. Quality inflatables can be purchased for \$2,500 to \$3,000 each. Payback is less than one year.

## **Orange County Sportsplex Major Capital Investment Opportunities**

**FY 12/13 Lobby Project:** The Sportsplex CIP proposes an expanded Lobby Renovation project in FY12/13 starting near the end of the fiscal year, which will provide significantly increased capacity for Group Exercise based programming such as Zumba; cardio, strength, martial arts and other dedicated training room based programs. The trend in the industry is to “small group” training and we currently have little space to accommodate that need. The additional space would also be utilized for Kidsplex after school, pre-school and camp programs. Currently there is a waiting list of at least five children at each age level.

Last year, \$125,000 was approved in the FY12/13 CIP for purely cosmetic upgrades to Lobby flooring, walls and lighting. This is proposed to increase to \$165,000 by transferring \$40,000 of funds from the significantly under budget server upgrade to cover the escalated cost of the specialty rubberized flooring. It is now proposed that during the same time as this disruption that physical renovations are made to expand the major Group X room and add second specialty strength and cross fit space. By piggybacking the already approved cosmetic work, incremental costs will be only \$110,000 while adding 1,834 sq. ft. of revenue generating space. The unique design of the proposed expanded Group X room facilitates dividing it into up to five fully autonomous rooms. This in turn facilitates significant programming flexibility, as well after school and camp expansion. The anticipated first year revenue impact is \$220,000 from 400 new members (10% growth). Kidsplex and other program growth is an additional \$92,000 annually, which more than recovers the cost of the project within 12months.

**FY 14/15 Pool Mezzanine:** Consulting engineers determined that the pool mezzanine addition proposed in last year’s CIP was structurally practical and efficient. The pool mezzanine is therefore proposed to proceed as planned and budgeted (\$ 950,000) providing 5,400 additional sq. ft. This additional space will be used for member change areas (2,700 sq. ft.) that are essential for a fitness club projected to grow to 6,700 members from its current base of 4,000. Additionally, it will provide a dedicated Spin, Row, Krank and Massage room (900 sq. ft.) plus 1,800 sq. ft. dedicated to adult and senior cardio equipment. The total cost of \$950,000 is inclusive of all equipment. Incremental revenue over the planning horizon from the Pool Mezzanine is projected to be \$1,325,500

**FY 15/16 Turf Addition:** The consulting engineers further determined that the previously contemplated expansion of the Ice rink mezzanine was not structural practical. We had proposed \$1,000,000 for that project in the prior year CIP. However there is a more compelling option from both use and revenue generating perspectives. Indoor turf can be used for a broad range of member programs plus year round walking, running, indoor soccer, lacrosse, flag football leagues for youth and adults. Programs proprietary to RFP at its other locations that could be brought to Orange County, including the full range of early childhood based Lil Kickers, Lil Sluggers and Lil Cheer programs. Kidsplex after school, pre-school and summer camps would see significant benefit from the turf addition. The cost of this addition is higher at \$1,900,000 but results in \$2,119,750 additional revenue in just the FY15/16 to FY17/18 three year planning horizon alone.

**FY 16/17 Court Addition:** Completing the major expansion vision would be the addition of a regulation high school/college basketball court along with retractable bleachers. Additional programming would include youth and adult basketball leagues; Lil Dunkers; court based fitness programs; volleyball, and Kidsplex activities. The incremental revenue from additional members and programs would be \$682,500 for just FY16/17 and FY 17/18.

**Financial Impact:** The net result of all four phases of this expansion would add \$6,089,750 in additional revenues over the five year CIP planning horizon. The net contribution to the Fund Balance would be \$3,130,170 over the same period. These strong financial returns are made possible by the significant leverage opportunities from utilizing Recreation Factory Partners and its existing Sportsplex management, staff and resources.

By the fifth year annual incremental contributions to the fund Balance will be \$1,000,000 and the combined costs of this four phase expansion (\$3,860,000) would be fully paid back over a full five year period.

**Logistics:** Parking issues have been discussed with the Town of Hillsborough with a favorable response. There are still site issues to be determined for the turf and court building addition(s). These may both be entirely contained on the existing land footprint however, if not, the potential is there to acquire the four lots along Business 70. The owner of the two lots immediately adjacent has recently made an unsolicited offer to sell and we understand from him the owners of the other lots may also be motivated to sell. All four lots offer an additional 2.8 to 3.0 usable acres which would provide the further potential for outdoor Sportsplex revenue generating programming not contemplated under this proposal.

**Economic Impact:** The Sportsplex tracks visitors to the facility on a “turnstile” basis. The current pace is 480,000 annual visitors, making The Sportsplex one of the most visited facilities in Orange County. The fact that this exceptional facility resides within the County encourages residents to stay for their fitness, recreation and entertainment needs. This in turn results in significant dollars staying within the County both in monies spent at the Sportsplex as well as local restaurants, food and convenience stores, shopping, etc. The above noted expansion would add another 20,000 visitors per month for a combined annual visitor base of 720,000.

Major events at the Sportsplex such as swim meets, skating competitions, hockey tournaments, triathlons, average 750 participants and twice that number of spectators for each event. These events attract regional and state wide visitors. While they are not as hotel/meal intensive as say major national soccer showcases, our almost weekly regional events bolster the local economy, and The Visitor Bureau has estimated the impact on the local economy to be at least \$2,112,000. Not contemplated by these numbers is the impact of dollars that remain in the County by participants not leaving to go to facilities outside of Orange County for their daily fitness and recreation needs. This is estimated to be at least \$8,448,000 annually.

The addition of indoor turf and courts to the Sportsplex will double the number of events for a further \$10,560,000 annual injection/retention.

**Fund Balance Update:** As of January 31<sup>st</sup>, the Sportsplex has a Fund balance of \$1,100,000. Remaining FY12/13 CIP will deplete that to \$600,000. However over the remainder of the current fiscal year the net funds generated will be \$150,000 for a year end fund balance that will pay for all of FY13/14 CIP items.

**Conclusion:** The Orange County Sportsplex is already one of the premier recreation and wellness facilities in the State. With the proposed expansion, the Sportsplex would feature the extraordinary combination of ice, pools, fitness, turf, and court amenities combined with outstanding programming for all ages, including seniors. RFP are specialists in “Lil” programs which feature equal parts early childhood development and fitness for children resulting in orientation to an active lifestyle that can help combat childhood obesity. The Sportsplex would truly become a nationally recognized recreation facility. It would become an even more compelling community meeting center for healthy lifestyle activities. Incremental annual contributions to the Fund Balance from this expansion would completely liquidate the capital investment in approximately over the planning horizon and the economic impact to the County is significant.

## Appendix

### **Beyond the financial considerations why is this a priority and a significant benefit to Orange County?**

- Adds much needed recreational services to central and northern Orange County.
- There is a significant economic benefit to the County.
- Stimulates employment (12 quality full time positions and 30 part time positions).
- Promotes an active and healthy lifestyle for Orange County residents of all ages.
- Recreation Factory Partners (RFP) is a proven leader in revenue based quality programming.
- RFP has high quality proprietary programs ready to roll out.
- There is a need for additional regulation sized court space in Orange County.
- There is no other publically accessible indoor turf in Orange or immediate neighboring counties.
- Indoor turf is complementary to outdoor natural and turfed fields (allows for maintenance down times on grass and turf fields. Provides an alternative venue during bad weather and heat).
- RFP will bring programs such as Lil Kickers, Lil Dunkers, Lil Sluggers, Futsol, and Indoor Turf league play not currently available anywhere in the County.
- Through family, fun and fitness based play, the Sportsplex makes a highly positive impact in tackling family wellness and childhood obesity.
- Provides a wholesome, safe gathering place for youth and adolescents, as well as adults and seniors.
- Enhances the image of Orange County as a leader in providing state of the art multi-generational services to its residents.

## Sportsplex CIP Analysis

### Major Capital Investment Project Assumptions

<b>(i)</b>	Programmable Lobby Space	110,000	In addition to cosmetic upgrade in already FY12/13 CIP
<b>(ii)</b>	Fitness Mezzanine	950,000	Conservative estimate, including all equipment
<b>(iii)</b>	Turf Addition	1,900,000	Based on updated costs of construction and site work
<b>(iv)</b>	Court Addition	900,000	Based on updated costs of construction and site work
<b>Combined Cost</b>		<b>\$ 3,860,000</b>	

### Incremental Revenues

#### A. Lobby

Impact of Lobby Renovations on Memberships	220,000	10% growth on current membership of 4,000
Incremental Impact on Kidsplex	50,000	Flexibility from new Group X room expansion
Incremental Impact on Other revenue based programs	42,000	Birthday Parties and Inflatables
Total Year One Revenue	312,000	
<b>FY 13/14 to FY 18/19 (5 years of CIP)</b>		1,962,000

#### B. Fitness Mezzanine

FY14/15	220,000	400 new members @ \$550 per member
FY15/16	368,500	plus 270 for 670 members @ \$550
FY16/17	368,500	670 members @ \$550
FY18/19	368,500	670 members @ \$550
<b>FY14/15 to FY18/19 (4 years of CIP)</b>		1,325,500

#### C. Turf Addition

Membership Growth		
FY15/16	184,250	335 members @ \$550/member
FY16/17	184,250	335 members @ \$550
FY17/18	184,250	335 members @ \$550
League/Academies/Prog./Rental Revenues over 3 years	1,567,000	
<b>FY15/16 to FY17/18 (3 years of CIP)</b>		2,119,750

#### D. Court Addition

Membership Growth		
FY16/17	184,250	
FY17/18	184,250	
League/Academies/Prog./Rental Revenues over 2 years	314,000	
<b>FY16/17 to FY17/18</b>		682,500

#### Five Year Total Incremental Revenue Generation

\$ 6,089,750.00

#### Five Year Total Incremental Operating Expenses

\$ 2,959,580.00

#### Net Operating Return

\$ 3,130,170.00

#### Summary Comments:

- a. Total CIP costs of three renovations is approximately \$3.86mil spread over four years.
- b. Net Contribution to operating fund over five year period CIP timeframe is approximately \$3.1mil.
- c. Each phase of this expansion generates revenue flow greater than capital investment within Five Year CIP
- d. Through the considerable leverage on RFP resources and extrapolating net contribution in FY18/19, approximately five years the total contribution to the Fund Balance is \$4.1million (\$3,130,000 + \$980,000 = \$4,110,000) which pays back for all phases of the CIP

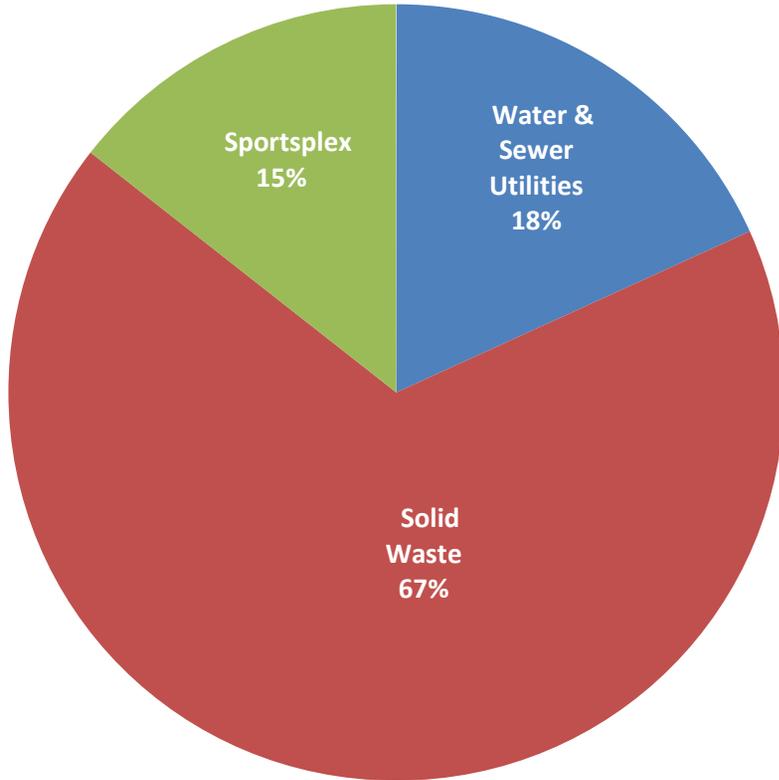
**Notes:**

Conservative expansion assumptions have membership growth of 43.5% fro, 4,000 to 5,740( 400 Lobby + 670 Mezzanine + 670 Turf/Court )  
By year 5 that represent an annual incremental, sustainable net contribution to the Fund Balance of approximately \$1,000,000

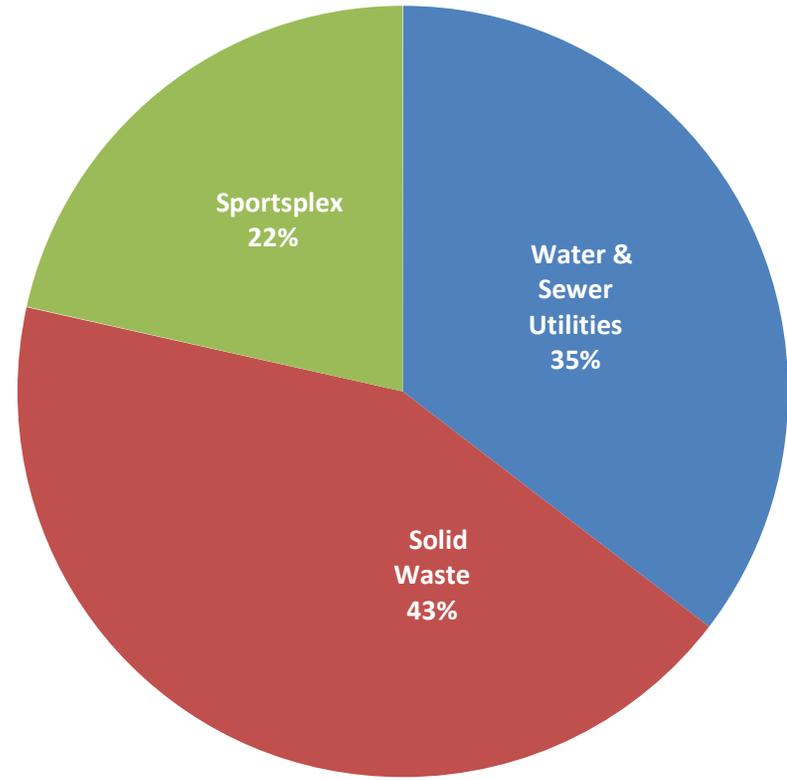
	<b>Lobby</b> <b>FY13/14</b>	<b>Mezzanine</b> <b>FY14/15</b>	<b>Turf</b> <b>FY15/16</b>	<b>Court</b> <b>FY16/17</b>	<b>FY17/18</b>
<b>Revenue</b>					
<b>Lobby</b>					
Incremental Memberships	220,000.00	220,000.00	220,000.00	220,000.00	220,000.00
Incremental Kidsplex	50,000.00	100,000.00	100,000.00	100,000.00	100,000.00
Birthday Parties	12,000.00	30,000.00	40,000.00	40,000.00	40,000.00
Inflatables	30,000.00	40,000.00	55,000.00	60,000.00	65,000.00
<b>Mezzanine</b>					
Incremental Memberships		220,000.00	368,500.00	368,500.00	368,500.00
<b>Indoor Turf Field</b>					
Incremental Memberships			184,250.00	184,250.00	184,250.00
Sport Specific Camps			40,000.00	45,000.00	50,000.00
Tournaments			20,000.00	25,000.00	30,000.00
Open Soccer			20,000.00	24,000.00	28,000.00
Soccer Leagues			175,000.00	200,000.00	210,000.00
Soccer Academy			30,000.00	45,000.00	55,000.00
Lil ' Kickers/Sluggers,etc.			100,000.00	120,000.00	150,000.00
Rentals: Soccer/Bball//Other			60,000.00	70,000.00	70,000.00
<b>Court</b>					
Incremental Memberships				184,250.00	184,250.00
Basketball Leagues				70,000.00	84,000.00
Lil Court Programs				40,000.00	50,000.00
Other Court Programs				30,000.00	40,000.00
<b>Total Revenue</b>	<u>312,000.00</u>	<u>610,000.00</u>	<u>1,412,750.00</u>	<u>1,826,000.00</u>	<u>1,929,000.00</u>
<b>Cost of Goods Sold</b>					
Leagues			24,000.00	36,000.00	40,000.00
Lil' Programs			35,000.00	60,000.00	85,000.00
<b>Total COGS</b>			<u>59,000.00</u>	<u>96,000.00</u>	<u>125,000.00</u>
<b>Gross Profit</b>	<u>312,000.00</u>	<u>610,000.00</u>	<u>1,353,750.00</u>	<u>1,730,000.00</u>	<u>1,804,000.00</u>
<b>Expense</b>					
Camp/Parties	1,000.00	2,000.00	14,500.00	17,000.00	18,000.00
Bank and CC Charges	2,700.00	4,880.00	14,200.00	16,500.00	18,000.00
Incremental Insurance	3,000.00	3,200.00	14,000.00	15,000.00	16,000.00
Lic/Training/ Permits	1,000.00	2,000.00	20,500.00	22,000.00	22,000.00
Repair and Maintenance	5,000.00	10,000.00	35,000.00	45,000.00	50,000.00
Marketing	5,000.00	6,000.00	25,000.00	20,000.00	20,000.00
Misc./Contingency	2,500.00	10,000.00	50,000.00	50,000.00	50,000.00
Payroll Expenses	40,000.00	70,000.00	265,000.00	300,000.00	310,000.00
Operating Supplies	7,500.00	12,500.00	70,000.00	80,000.00	82,000.00
IT/Telephone	8,600.00	14,000.00	34,000.00	36,000.00	38,000.00
Utilities	36,000.00	100,000.00	175,000.00	190,000.00	200,000.00
<b>Total Expense</b>	<u>112,300.00</u>	<u>234,580.00</u>	<u>717,200.00</u>	<u>791,500.00</u>	<u>824,000.00</u>
<b>Enterprise Surplus</b>	<u>199,700.00</u>	<u>375,420.00</u>	<u>636,550.00</u>	<u>938,500.00</u>	<u>980,000.00</u>

**FY 2013-18 Orange County Capital Investment Plan Projects  
Proprietary Fund - Appropriations**

**Year 1: FY 2013-14  
\$4,923,096**



**Years 1-5: 2013-2018  
\$26,158,444**



**APPROVED - Schools Capital Projects Summary  
Fiscal Years 2013-18**

<b>Projects by School System</b>	<b>Current Fiscal Year 2012-13</b>	<b>Year 1 Fiscal Year 2013-14</b>	<b>Year 2 Fiscal Year 2014-15</b>	<b>Year 3 Fiscal Year 2015-16</b>	<b>Year 4 Fiscal Year 2016-17</b>	<b>Year 5 Fiscal Year 2017-18</b>	<b>Five Year Total</b>	<b>Year 6 to Year 10</b>
<b>Chapel Hill Carrboro City Schools</b>								
<i>Long Range Capital</i>								
<i>Pay-As-You-Go Funds <sup>(1)</sup></i>	2,290,782	2,290,782	2,325,144	2,360,021	2,395,421	2,431,353	11,802,720	12,714,884
<i>Lottery Proceeds <sup>(2)</sup></i>	815,000	839,960	839,960	839,960	839,960	839,960	4,199,800	4,199,800
<i>Culbreth MS Science Wing Addition</i>		600,000	3,854,042	517,634			4,971,676	
<i>Middle School #5</i>					1,168,474	6,686,266	7,854,740	31,995,940
<i>Carrboro HS Additions</i>								19,743,948
<i>Elementary # 12</i>								35,476,053
<i>QSCBs</i>								
<i>Elementary # 11</i>	21,500,000						-	
<b>Total</b>	<b>24,605,782</b>	<b>3,730,742</b>	<b>7,019,146</b>	<b>3,717,615</b>	<b>4,403,855</b>	<b>9,957,579</b>	<b>28,828,936</b>	<b>104,130,625</b>
<b>Orange County Schools</b>								
<i>Long Range Capital</i>								
<i>Pay-As-You-Go Funds <sup>(1)</sup></i>	1,434,067	1,434,067	1,455,578	1,477,412	1,499,573	1,522,066	7,388,696	7,959,722
<i>Lottery Proceeds <sup>(2)</sup></i>	506,350	513,851	513,851	513,851	513,851	513,851	2,569,255	2,569,255
<i>OSCBs</i>								
<i>Elementary #8</i>								21,478,200
<i>Cedar Ridge HS Auxilliary Gym</i>		3,328,750	-				3,328,750	
<i>Cedar Ridge HS Classroom Wing</i>				12,282,960			12,282,960	
<b>Total</b>	<b>1,940,417</b>	<b>5,276,668</b>	<b>1,969,429</b>	<b>14,274,223</b>	<b>2,013,424</b>	<b>2,035,917</b>	<b>25,569,661</b>	<b>32,007,177</b>
<b>Total all Schools</b>	<b>26,546,199</b>	<b>9,007,410</b>	<b>8,988,575</b>	<b>17,991,838</b>	<b>6,417,279</b>	<b>11,993,496</b>	<b>54,398,597</b>	<b>136,137,802</b>
<b>Revenues/Funding Source</b>								
<i>General Fund (Pay-As-You-Go)</i>	3,724,849	3,724,849	3,780,722	3,837,433	3,894,994	3,953,419	19,191,416	20,674,606
<i>Lottery Proceeds</i>	1,321,350	1,353,811	1,353,811	1,353,811	1,353,811	1,353,811	6,769,055	6,769,055
<i>Debt Financing</i>	21,500,000	3,928,750	3,854,042	12,800,594	1,168,474	6,686,266	28,438,126	108,694,141
<i>QSCBs</i>	-							
<b>Total</b>	<b>26,546,199</b>	<b>9,007,410</b>	<b>8,988,575</b>	<b>17,991,838</b>	<b>6,417,279</b>	<b>11,993,496</b>	<b>54,398,597</b>	<b>136,137,802</b>

**Note 1:** The Article 46 one quarter cent sales tax proceeds for schools is included in the Special Revenue Projects section of the CIP.

**Note 2:** School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need.

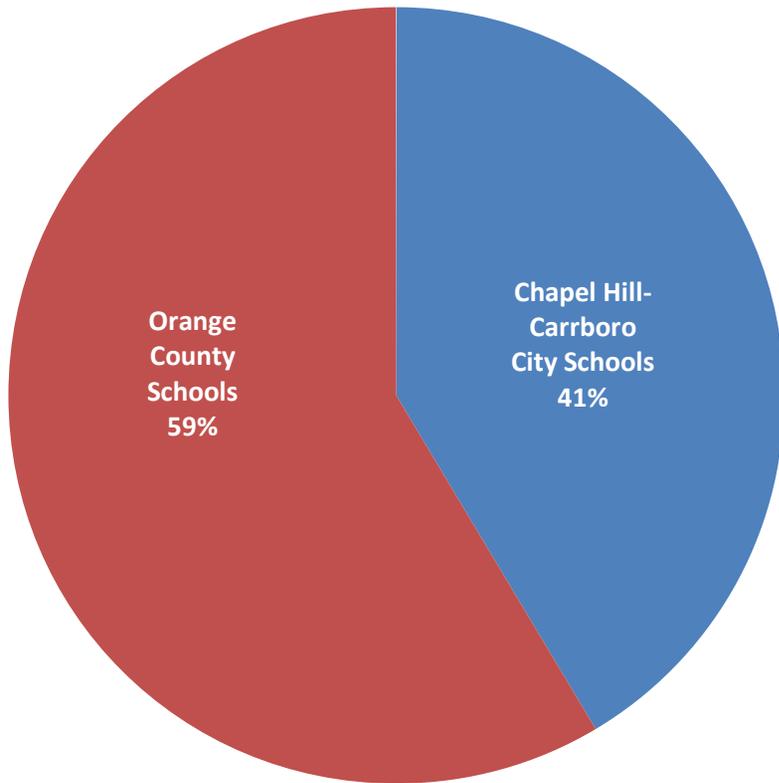
<sup>(1)</sup> Pay-As-You-Go funds reflect same funding in FY 2013-14 as in FY 2012-13, and assumes a 1.5% annual growth throughout the 5 year CIP period.

**NOTE:** additional PAYG funding was approved in FY 2012-13 to reflect savings in debt service in FY 2012-13.

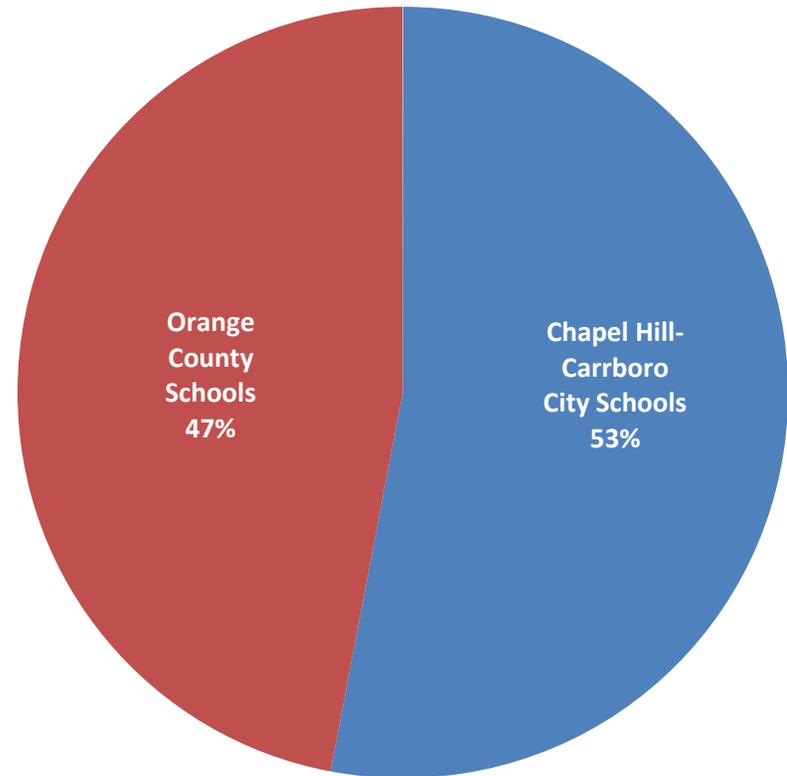
<sup>(2)</sup> Lottery Proceeds are assumed at the same amount throughout the 5 year CIP period, based on the most recent lottery estimates from the State. The funds will be distributed on the basis of each school system's Average Daily Membership (ADM).

**FY 2013-18 Orange County Capital Investment Plan Projects  
School Summary - Appropriations**

**Year 1: FY 2013-14  
\$9,007,410**

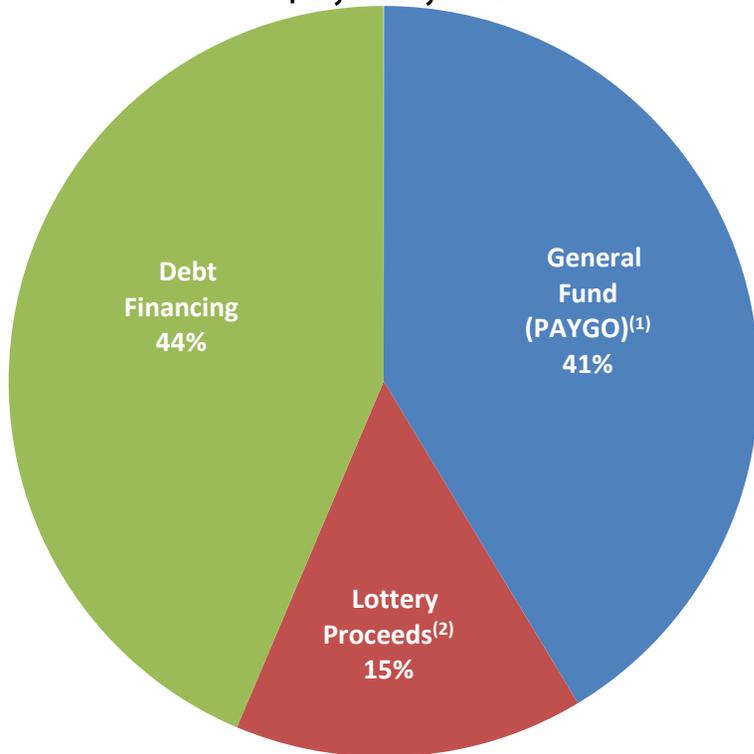


**Years 1-5: 2013-2018  
\$54,398,597**

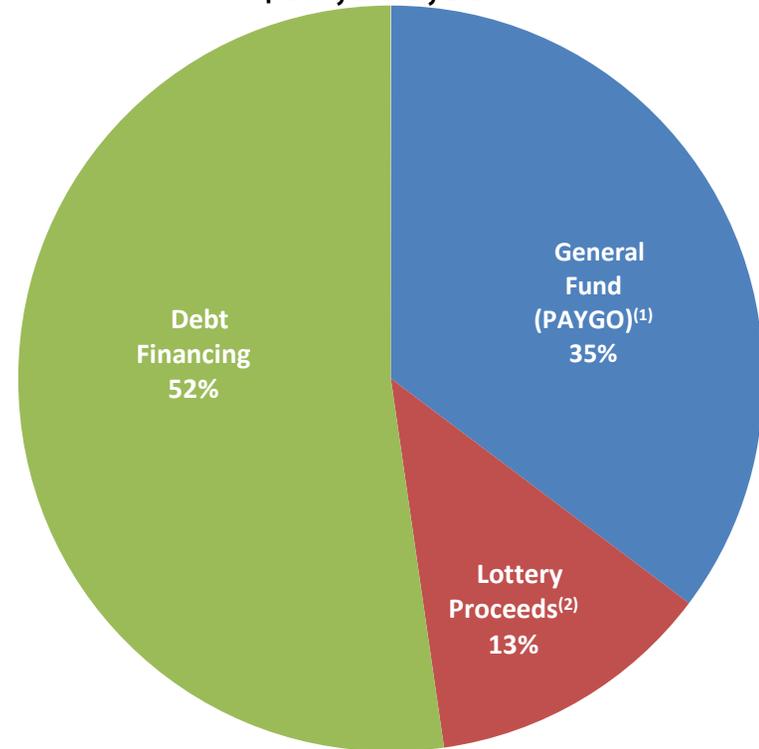


## FY 2013-18 Orange County Capital Investment Plan Projects School Summary - Revenues

**Year 1: FY 2013-14**  
**\$9,007,410**



**Years 1-5: 2013-2018**  
**\$54,398,597**



**Note 1:** The Article 46 one quarter cent sales tax proceeds for schools is included in the Special Revenue Projects section of the CIP.

**Note 2:** School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need.

**(1) PAYGO (Pay-As-You-Go)** funds reflect same funding in FY 2013-14 as in FY 2012-13, and assumes a 1.5% annual growth throughout the 5 year CIP period. NOTE: additional PAYGO funding was approved in FY 2012-13 to reflect savings in debt service in FY 2012-13.

**(2) Lottery Proceeds** are assumed at the same amount throughout the 5 year CIP period, based on the most recent lottery estimates from the State. The funds will be distributed on the basis of each school system's Average Daily Membership (ADM).

CHAPEL HILL - CARRBORO CITY SCHOOLS  
CAPITAL INVESTMENTS PLAN 2013 - 2023

FUNDED PROJECTS - page 1 of 3

PROJECT TITLE	PENDING 2012-13 Budgeted Lottery Funded Projects	Year 1	Year 2	Year 3	Year 4	Year 5	Five Year		Years 6 to 10
		2013-14	2014-15	2015-16	2016-17	2017-18	Total		2018-23
<b>ADA Requirements</b>		75,000	35,000	45,000	35,000	35,000	225,000		345,000
<b>Abatement Projects</b>									
District Abatement Projects		34,504	35,000	35,000	35,000	50,000	189,504		341,315
Phillips: Remove Asbestos Floor Tile					125,000				
CHHS: Remove Asbestos Floor Tile					140,000	60,000	200,000		
<b>Athletic Facilities</b>									392,119
Phillips: Gym Bleachers		95,000					95,000		
CHHS: Athletic Track and Field				200,000			200,000		
ECHHS: Athletic Fields/Track		150,000					150,000		
<b>Classroom/Building Improvements</b>						250,000	250,000		250,000
Carrboro Elementary: Casework	37,703	145,000					145,000		
Estes Hills: Casework			175,000	85,000			260,000		
Estes Hills: Media Center Improvements				65,000			65,000		
Ephesus: Classroom Casework				175,000			175,000		
Glenwood: Bathroom Improvements	40,000								
FG Graham:Intermediate Bld Casework		115,000					115,000		180,554
Seawell: PODs Bathrooms/Casework	47,297			44,681			44,681		150,000
Culbreth: Locker Room Bathrooms	35,000								
McDougle: Stage Curtins				40,000			40,000		
Phillips: Auditorium Seating	75,000								
<b>Doors/Hardware/Canopies</b>									
District Hardware and Door Replacements		45,000		75,000			120,000		50,000
McDElm: Canopy at Kiss and Go							-		125,000
Seawell: Expand Canopies					115,000		115,000		
FPG: Canopy at Kiss n Go and Bus Circle						75,000	75,000		
Ephesus: Canopy at Kiss and Go									75,000
<b>Electrical Systems</b>									
All Schools: Increase Electrical Distribution		150,000	165,000	165,000	175,000	175,000	830,000		955,000
<b>Energy Efficiency/Lighting Improvemnets</b>									
Estes Hills: Multi Purpose Bld Upgrades	25,000								
Glenwood: Multi Purpose Bld Upgrades	25,000								
FPG: Lighting Upgrades/Efficiency									155,000
Ephesus: Lighting Upgrades/Efficiency						125,000	125,000		
Culbreth: Lighting Upgrades/Efficiency						150,000	150,000		
Phillips: Auditorium/Gym Lighting Upgrades	75,000					121,609	121,609		
<b>Fire/Safety/Security Systems</b>									
General Upgrades and Expansions	50,000	175,000	93,620	100,000		75,000	443,620		257,894
<b>Indoor Air Quality Improvements</b>									
District IAQ Projects		25,000	50,000		50,000		125,000		200,000

CAPITAL INVESTMENTS PLAN 2013 - 2023

FUNDED PROJECTS - page 2 of 3

PROJECT TITLE	PENDING 2012-13 Budgeted Lottery Funded Projects	Year 1	Year 2	Year 3	Year 4	Year 5	Five Year	Years 6 to 10
		2013-14	2014-15	2015-16	2016-17	2017-18	Total	2018-23
<b>Mechanical Systems</b>		95,000	150,000	100,000		262,274	607,274	1,853,617
Carrboro Elm: 1978 Electric Boiler/Cooling Tower						85,000	85,000	
Ephesus: 1991 Addition-HVAC Improvements	115,000							
Ephesus: 1990 Boiler Replacement								60,000
Estes Hills: Cooling Tower Replacement		40,000					40,000	
Estes Hills: 1978 Electric Boiler Replacement								60,000
Estes Hills: Multi Purpose 1978 Building Boiler								60,000
Glenwood: Cooling Tower Replacement		40,000					40,000	
Glenwood: Multi Purpose 1978 Building Boiler								60,000
Glenwood: Multi Purpose Bld - 2 air handlers					75,000		75,000	
FPG: Primary Building Boiler Replacement								57,602
FPG: Upgrade Handicap Lifts				150,000			150,000	
McDougle Complex: Cooling Tower Replacement								75,000
McDougle Complex: EMS Controls	71,398							75,000
Scroggs: Cooling Tower								75,000
Seawell: Lawlor Building Boiler						50,000	50,000	40,000
Culbreth: Digital HVAC Controls			150,000				150,000	
Phillips: Expand Digital HVAC Controls								75,000
ECHHS: Variable Speed Drives		145,000					145,000	
ECHHS: 1996 Cooling Towers		120,000	85,000				205,000	
<b>Mobile Classrooms/Rental Space</b>		133,000	135,001	138,000	138,000	140,000	684,001	743,500
<b>Paving: Parking Lots/Driveways/Walkways</b>								369,206
CHHS: Driveway and Parking Lot			131,360		100,000		231,360	401,798
Estes Hills: Front Parking Lot/Driveway			75,000				75,000	
<b>Roofing/Building Waterproofing Projects</b>					172,402		172,402	
ECHHS: Brick pointing/window seals			200,000				200,000	350,000
<b>Window Replacements</b>								
Ephesus: replace Windows in Original Bld								150,000
Seawell: Replace Classroom/Bld Windows								200,000
Culbreth: Replace Classroom/Bld Windows				100,000	155,211		255,211	
Phillips: Replace Classroom/Bld Windows				100,000	150,000		250,000	
CHHS: Window Replacements			120,000		170,000		290,000	370,000
<b>Technology: Total of Listed Categories</b>		1,582,600	1,600,000	1,617,700	1,635,700	1,653,900	8,089,900	8,552,800
<i>Network Infrastructure</i>		750,572	758,824	767,219	775,755	784,387	3,836,757	4,056,295
<i>Instructional Computers &amp; Technology</i>		791,768	800,473	809,328	818,334	827,439	4,047,342	4,278,929
<i>Administrative Computers</i>		40,260	40,703	41,153	41,611	42,074	205,801	217,577
<b>TOTAL EXPENDITURES - 10 YEAR CIP</b>	<b>596,398</b>	<b>3,165,104</b>	<b>3,199,981</b>	<b>3,235,381</b>	<b>3,271,313</b>	<b>3,307,783</b>	<b>16,179,562</b>	<b>17,105,405</b>

	2012-13 Budget	Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Five Year Total		Years 6 to 10 2018-23
<b>CIP FUNDING SOURCES:</b>									
Long Range Pay-As-You-Go Funds - Projects	2,290,782	2,325,144	2,360,021	2,395,421	2,431,353	2,467,823	11,979,761		12,905,605
Lottery Funds - Budgeted	815,000	839,960	839,960	839,960	839,960	839,960	4,199,800		4,199,800
<b>TOTAL CIP FUNDING</b>	<b>3,105,782</b>	<b>3,165,104</b>	<b>3,199,981</b>	<b>3,235,381</b>	<b>3,271,313</b>	<b>3,307,783</b>	<b>16,179,561</b>		<b>17,105,405</b>
<b>OTHER FUNDING:</b>									
<b>Northside Elementary School-opens Aug. '13</b>		4,300,000					4,300,000		
<b>Article 46 Sales Tax - 1/4 Cent</b>									
-Technology: Student Access Computing Devices		380,000	380,000	380,000	380,000	380,000	1,900,000		1,900,000
-Improvements at Older Schools:									1,900,000
<i>Priority Repairs Identified in Facilities Assessment</i>		380,000					380,000		
<i>Kitchen Equipment Replacements</i>			380,000				380,000		
<i>Sidwalks, Walkways, Canopies</i>				380,000			380,000		
<i>Lincoln Center: HVAC System</i>					380,000	380,000	760,000		

CHAPEL HILL - CARRBORO CITY SCHOOLS  
 CAPITAL INVESTMENTS PLAN 2013 - 2023  
 UNFUNDED - New Schools and Facilities

UNFUNDED NEW SCHOOLS and FACILITIES pg 1 of 1

PROJECTS:	OPENS:	10 YEAR UNFUNDED NEW SCHOOLS and FACILITIES										TEN YEAR TOTAL
		Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Year 6 2018-19	Year 7 2019-20	Year 8 2020-21	Year 9 2021-22	Year 10 2022-23	
<b>Culbreth Middle School: Science Addition</b>	Aug. 2015	600,000	3,854,042	517,634								4,971,676
<b>McDougle Middle School: Auditorium</b>	Aug. 2016		400,000	3,909,138	325,000							4,634,138
<b>Middle School #5</b>	2017-18		1,168,474	6,686,266	27,027,452	4,968,488						39,850,680
<b>Carrboro High School Additions</b>	2020-21						3,293,631	13,624,134	2,826,183			19,743,948
<b>Elementary School #12</b>	2021-22							6,493,220	24,144,927	4,837,906		35,476,053
<b>TOTAL UNFUNDED PROJECTS</b>		<b>600,000</b>	<b>5,422,516</b>	<b>11,113,038</b>	<b>27,352,452</b>	<b>4,968,488</b>	<b>3,293,631</b>	<b>20,117,354</b>	<b>26,971,110</b>	<b>4,837,906</b>	<b>-</b>	<b>104,076,495</b>

Notes:  
 Elementary School #12, Middle School #5, and the Carrboro HS Addition opening dates are based on Nov. 15, 2012 enrollment SAPFO projections.

CHAPEL HILL - CARRBORO CITY SCHOOLS  
 CAPITAL INVESTMENTS PLAN 2013 - 2023  
 UNFUNDED - Major Projects

UNFUNDED MAJOR PROJECTS pg 1 of 2

PROJECTS:	10 YEAR UNFUNDED CAPITAL PROJECTS										TEN YEAR TOTAL
	Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Year 6 2018-19	Year 7 2019-20	Year 8 2020-21	Year 9 2021-22	Year 10 2022-23	
<b>Abatement Projects</b>											
District Projects: Removal of Asbestos Floor Tile				75,000		75,000					150,000
<b>Athletic Facilities:</b>											
CarboroHS: Stadium Visitor Bleachers					450,000						450,000
CHHS: Stadium Visitor Bleachers					250,000						
CHHS: Stadium Synthetic Field							950,000				950,000
CHHS: Soccer Field Improvements		250,000									250,000
CHHS: Athletic Fields			150,000								150,000
CHHS: Baseball Field Bathroom/Concession Bld						750,000					750,000
ECHHS: Stadium Synthetic Field							950,000				950,000
CHHS/ECHHS: Major Athletic Field Repairs				250,000							250,000
ECHHS: Stadium Visitor Bleachers					250,000						250,000
Carboro Elementary: Multi purpose field			125,000								125,000
Scroggs: Athletic Field				150,000							150,000
McDougle Mdl: Tennis Courts						300,000					300,000
Playfields(10): Provide Potable Water		150,000									150,000
<b>Cafeterias: Kitchen Renovations</b>											
							150,000	150,000	150,000		450,000
<b>Classroom/Building Improvements:</b>											
Estes Hills: Lobby/Entrance Improvements		25,000									25,000
Estes Hills: Media Center Renovation			100,000								100,000
Seawell: Admin Building improvements		50,000									50,000
McDougle: Gymnasium Audio System				50,000							50,000
McDougle: Library carpet		30,000									30,000
Phillips: Science Classrooms Casework			75,000								75,000
Smith: Cafeteria Sound Panels	50,000										50,000
CHHS: Library Refurbishment			150,000								150,000
<b>Doors/Hardware/Canopies</b>											
Scroggs: Canopies-Mobile Units, other areas				175,000			100,000	100,000	100,000	100,000	400,000
Estes Hills: Expand Canopy			75,000								75,000
Ephesus: Canopy at Kiss and Go						125,000					125,000
Glenwood: Canopy at Kiss and Go				150,000							150,000
Scroggs: Canopy at Mobiles and Bus Drop Off					150,000						150,000
District: Identify School for Key-less System								75,000			75,000
<b>Energy Efficiency/Lighting Improvements</b>											
ECHHS: Theater Lighting and Sound upgrade				375,000							375,000
Carboro Elm: Auditorium lighting/acoustics		100,000									100,000

**UNFUNDED MAJOR PROJECTS pg 2 of 2**

PROJECTS:	10 YEAR UNFUNDED CAPITAL PROJECTS										TEN YEAR TOTAL
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
<b>Mechanical Systems:</b>											
Carrboro Elm: HVAC Digital Controls			50,000								50,000
Ephesus: HVAC Digital Controls			65,000								65,000
Estes Hills: HVAC Digital Controls			50,000								50,000
Glenwood: HVAC Digital Controls			50,000								50,000
FP Graham: Replace Gym Heat Pumps						75,000					75,000
FP Graham: HVAC Digital Controls			65,000								65,000
Seawell: Replace 9 Heat Pumps in PODs									135,000		135,000
Seawell: HVAC Digital Controls			65,000								65,000
Culbreth: Replace 1997 Roof Top Units								300,000			300,000
Culbreth: Duct Replacement							250,000				250,000
Phillips: Replace Heat Pumps in 1990 Addition					150,000						150,000
CHHS: Replace Electric Heating System: C/D Bld			450,000								450,000
ECHHS: 1996 Chiller Replacement						250,000					250,000
<b>Paving/Parking Lots/Playgrounds</b>											
Ephesus: Plan for Outdoor Play Areas	10,000										10,000
FPG: Canopy at Bus Drop Off		95,000									95,000
Glenwood: paved play area		40,000									40,000
McDElm: Rubberized Playground Surface			150,000								150,000
Rashkis: Playground				100,000							100,000
McDElm: Play Area Surface				125,000							125,000
District: Playground Equipment Replacement		50,000		50,000		50,000		50,000			200,000
<b>Rental Space - Administrative</b>	75,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,290,000
<b>Roofing</b>											
Smith: repairs and seals (20 years)								2,000,000			2,000,000
ECHHS: repairs and seals (20 years)					1,500,000						1,500,000
<b>Technology</b>											
1:1 Student Laptop Initiative	2,061,717	1,972,529	2,437,719	1,948,087	1,303,503	1,909,377	2,373,819	1,882,239	1,528,651	1,218,359	18,636,000
Equity & Modernizing Classroom Instructional Technology	492,000	492,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,784,000
<b>TOTAL UNFUNDED MAINTENANCE PROJECTS</b>	<b>2,688,717</b>	<b>3,389,529</b>	<b>4,292,719</b>	<b>3,683,087</b>	<b>4,288,503</b>	<b>3,019,377</b>	<b>3,708,819</b>	<b>6,617,239</b>	<b>2,223,651</b>	<b>1,703,359</b>	<b>35,615,000</b>

Project Title	Current Year 2012-13	Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Five Year Total	Years 6 to 10 2018-2023
<b>ADA</b>								
		\$131,000	\$55,000		\$100,000		\$286,000	\$225,000
REPLACE CANOPY WALKWAY AT OHS WITH ENCLOSED BREEZEWAY TO ADDRESS SAFETY AND ADA ISSUES		\$25,000	\$1,000,000				\$1,025,000	\$0
<b>ABATEMENT PROJECTS</b>							\$0	\$0
HE: ASBESTOS REMOVAL (GYM HOT WATER PIPES)							\$0	\$200,000
NH-ALS: CARPET REMOVAL						\$200,000	\$200,000	\$200,000
							\$0	\$0
<b>ATHLETIC FACILITIES</b>							\$0	\$0
ALS: ATHLETIC FIELD FENCING		\$6,000					\$6,000	\$0
ALS: GYM BLEACHERS MOTORIZATION		\$25,000					\$25,000	\$0
ALS: FOOTBALL FIELD IRRIGATION					\$30,000		\$30,000	\$0
ALS: GIRLS SOFTBALL FIELD CONSTRUCTION							\$0	\$140,000
CRHS: AUXILIARY GYMNASIUM			\$3,328,750				\$3,328,750	\$0
CRHS: FIELD HOUSE							\$0	\$2,200,000
CRHS: LOCKER ROOM PAINTING	\$3,000						\$0	\$0
CRHS:SOCCER AND LACROSSE FIELD			\$100,000	\$100,000			\$200,000	\$0
CRHS: TENNIS COURT REFURBISHMENT	\$150,000	\$10,000					\$10,000	\$0
CRHS: BASEBALL FIELD RENOVATIONS	\$150,000						\$0	\$0
CWS: 440M REGULTION TRACK							\$0	\$400,000
DISTRICT: TURF MAINTENANCE EQUIPMENT							\$0	\$25,000
GH: CONCESSION STAND			\$15,000				\$15,000	\$0
GH: FLAG POLES FOR ATHLETIC FIELDS		\$3,000					\$3,000	\$0
GH: LOCKER ROOM BENCHES							\$0	\$3,000
GH: TICKET BOOTH			\$500				\$500	\$0
OHS: COMPLETE REFURBISH WOOD GYM FLOORS		\$45,000					\$45,000	\$50,000
OHS: EXPAND PRACTICE FIELD FOR BAND							\$0	\$50,000
OHS: RENOVATE ATHLETIC OFFICE SPACES	\$20,000						\$0	\$0
OHS: REPLACE CONCESSION STAND HVAC UNITS		\$2,500					\$2,500	\$0
OHS: REPLACE PA SYSTEM (MAIN GYM)		\$20,000					\$20,000	\$0
OHS: REPLACE LOCKERS IN GYM						\$10,000	\$10,000	\$0
OHS: RUBBERIZED TRACK REHAB					\$20,000		\$20,000	\$0
OHS: SOFTBALL FIELD IRRIGATION SYSTEM			\$5,000				\$5,000	\$0
OHS: WRESTLING MAT REPLACEMENT				\$8,000			\$8,000	\$0
							\$0	\$0
<b>CLASSROOM/BUILDING IMPROVEMENTS</b>							\$0	\$0
ALS: AUDITORIUM SOUND IMPROVEMENT							\$0	\$25,000
ALS: CAFETERIA RENOVATION							\$0	\$200,000
ALS: CLASSROOM RENOVATIONS (6TH GRADE WING)	\$90,000		\$90,000				\$90,000	\$0
CE: CASEWORK REPLACEMENT (K-1 CLASSROOMS)							\$0	\$100,000
CE: COVER WALKWAY TO 5TH GRADE WING					\$35,000		\$35,000	\$0
CE: REPAIR CEILING OVERHANG (MEDIA CENTER)			\$10,000				\$10,000	\$0
CE: REPLACE TILE IN BATHROOMS						\$25,000	\$25,000	\$0
CP: STREETSCAPE RENOVATION							\$0	\$185,000
CRHS: CLASSROOM WING ADDITION (INCLUDES PLANNING)	\$300,000		\$12,282,960				\$12,282,960	\$0
CWS. ALS: SCIENCE LAB RENOVATIONS							\$0	\$500,000

Project Title	Current Year 2012-13	Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Five Year Total	Years 6 to 10 2018-2023
DISTRICT: ANNUAL GRADE LEVEL FURNITURE REPLACEMENT (DISTRICT-WIDE)						\$150,000	\$150,000	\$300,000
DISTRICT: CUSTODIAL EQUIPMENT	\$25,000			\$25,000			\$25,000	\$0
DISTRICT: DRY WRITE BOARD REPLACEMENT							\$0	\$10,000
DISTRICT: GREEN BUILDING ENHANCEMENTS						\$400,000	\$400,000	\$1,050,000
DISTRICT: MAINTENANCE STORAGE						\$30,000	\$30,000	\$0
DISTRICT: PLAYGROUND EQUIPMENT REPLACEMENT						\$100,000	\$100,000	\$0
DISTRICT: SCIENCE INFRASTRUCTURE UPGRADES							\$0	\$250,000
DISTRICT: VEHICLE REPLACEMENT			\$30,000				\$30,000	\$0
DISTRICT: VEHICLE REPLACEMENT	\$25,000						\$0	\$0
DISTRICT: VEHICLE REPLACEMENT						\$25,000	\$25,000	\$0
DISTRICT: VEHICLE SAFETY PARTITIONS (10)							\$0	\$5,000
DISTRICT: HOT WATER WEED CONTROL SYSTEM							\$0	\$40,000
GAB, EC, CE: BATHROOM RENOVATIONS							\$0	\$390,000
GAB: MAIN ENTRANCE ENHANCEMENT				\$150,000			\$150,000	\$0
GAB: REPLACE SINK AND CABINETS		\$6,000					\$6,000	\$0
HE: GYM BATHROOM RENOVATIONS							\$0	\$95,000
NH: CEILING RENOVATION	\$20,000						\$0	\$0
OHS: REPLACE DAMAGED CEILING TILES	\$25,000						\$0	\$0
OHS: STREETSCAPE ENHANCEMENTS	\$135,000						\$0	\$0
PA: SCHOOL MARQUEE	\$5,000						\$0	\$0
TRANSPORTATION: RENOVATE SHOP						\$225,000	\$225,000	\$0
OHS: BUILDING REPAIRS AND RENOVATIONS	\$295,000						\$0	\$0
EC: FREEZER WITH COOLER REPLACEMENT		\$65,000					\$65,000	\$0
GB: REMOVE AND REPLACE ASBESTOS CONTAINING EXTERIOR PORTIONS OF BUILDING (EG SOFFITS)						\$650,000	\$650,000	\$0
							\$0	\$0
<b>DOORS/HARDWARE/CANOPIES</b>							\$0	\$0
							\$0	\$0
<b>ELECTRICAL SYSTEMS</b>							\$0	\$0
CE: REPLACE GYM SOUND SYSTEM	\$6,000						\$0	\$0
DISTRICT: 25KW GENERATOR	\$27,000	\$45,000				\$27,000	\$72,000	\$27,000
							\$0	\$0
<b>ENERGY EFFICIENCY/LIGHTING IMPROVEMENTS</b>							\$0	\$0
NH: LIGHTING UPGRADES (RELAMP FROM T12 TO CURRENT ENERGY EFFICIENT LAMPING T8 OR T5)		\$50,000	\$50,000	\$50,000			\$150,000	\$0
GAB: UPGRADE LIGHTING	\$0	\$30,000	\$30,000	\$30,000			\$90,000	\$0
							\$0	\$0
<b>FIRE/SAFETY/SECURITY SYSTEMS</b>							\$0	\$0
HYRDAULIC LIFT	\$12,000						\$0	\$0
DISTRICT: DIRECTIONAL SIGNS						\$10,000	\$10,000	\$20,000
TRANSP[ORTATION: ACTIVITY BUS REPLACEMENTS	\$250,000	\$276,000	\$286,000	\$296,000	\$100,000	\$100,000	\$1,058,000	\$300,000
							\$0	\$0
<b>INDOOR AIR QUALITY IMPROVEMENTS</b>							\$0	\$0
CRHS: DUST REMOVAL SYSTEM (WOOD SHOP)	\$15,000						\$0	\$0

Project Title	Current Year 2012-13	Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Five Year Total	Years 6 to 10 2018-2023
DISTRICT: HVAC DUCT CLEANING							\$0	\$133,000
DISTRICT: IAQ MONITOR							\$0	\$4,000
DISTRICT: MOLD MONITOR						\$6,000	\$6,000	\$0
EC: HVAC FOR KITCHEN						\$30,000	\$30,000	\$0
HE: ENVIRONMENTAL CONTROLS							\$0	\$150,000
							\$0	\$0
<b>MECHANICAL SYSTEMS</b>							\$0	\$0
CE: BOILER REPLCEMENT					\$25,000		\$25,000	\$0
CP: BOILER REPLACEMENT					\$40,000		\$40,000	\$0
CP: CIRCULATING PUMP REPLACEMENT					\$25,000		\$25,000	\$0
CRHS: ADDITIONAL CHILLER (2 EACH)							\$0	\$400,000
CWS: AIR HANDLER REPLACEMENT						\$600,000	\$600,000	\$0
CE: AIR HANDLER REPLACEMENT							\$0	\$600,000
DISTRICT: ENERGY MANAGEMENT COMPUTERS		\$10,000					\$10,000	\$0
DSTRICT: TOOLS AND EQUIPMENT	\$15,000		\$15,000				\$15,000	\$0
OHS: REPLACE STEAM LINES--ANALYZE OPTIONS AND PLAN FOR BIDDING		\$100,000	\$1,000,000				\$1,100,000	\$0
EC: KITCHEN HVAC				\$80,000			\$80,000	\$0
EC: HVAC ROOFTOP UNITS (2)			\$130,000				\$130,000	\$0
OHS: KITCHEN HVAC				\$80,000			\$80,000	\$0
							\$0	\$0
<b>MOBILE CLASROOM RENTAL SPACE</b>							\$0	\$0
DISTRICT: EMERGENCY MOBILE STORAGE UNIT							\$0	\$10,000
							\$0	\$0
<b>PAVING: PARKING LOTS/DRIVEWAYS/WALKWAYS</b>							\$0	\$0
CWS: 300 BUILDING SIDEWALK		\$8,000					\$8,000	\$0
CE: ASPHALT RESURFACING (TRACK AND FRONT PARKING LOT EXPANSION)						\$150,000	\$150,000	\$0
CE: DRAINAGE IMPROVEMENTS			\$10,000				\$10,000	\$0
CP: ASPHALT RESURFACING (BUS PARKING LOT)	\$40,000						\$0	\$0
CP: ASHPALT RESURFACING (LOER PLAY AREA AND FRONT PARKING LOT)							\$0	\$100,000
CWS: PARKING LOT AND DRIVEWAY RESURFACING	\$40,000						\$0	\$0
GAB, OHS: CONCRETE REPAIRS AND SIDEWALK EXTENSIONS						\$100,000	\$100,000	\$0
GAB: CONCRETE REPAIRS	\$23,348						\$0	\$0
GAB: CONCRETE REPAIRS (FB APPROP)	\$76,652						\$0	\$0
NH: CONCRETE REPAIRS			\$30,000				\$30,000	\$0
OHS: PATIO RENOVATION							\$0	\$100,000
OHS: RESURFACE ALL PARKING AREAS AND ROADS							\$0	\$300,000
TRANS: REGRADE/LEVEL BUS PARKING LOT						\$30,000	\$30,000	\$0
							\$0	\$0
<b>ROOFING PROJECTS</b>							\$0	\$0
CE: ROOF REPLACEMENT		\$55,000	\$230,000	\$35,000		\$230,000	\$550,000	\$0
CP: ROOF REPLACEMENT			\$220,000	\$151,000		\$250,000	\$621,000	\$0

Project Title	Current Year 2012-13	Year 1 2013-14	Year 2 2014-15	Year 3 2015-16	Year 4 2016-17	Year 5 2017-18	Five Year Total	Years 6 to 10 2018-2023
OHS: ROOF REPLACEMENT (BUILDINGS 100, 200, 300 AND GYM)		\$165,000	\$165,000	\$165,000		\$300,000	\$795,000	\$0
GAB: ROOF REPLACEMENT		\$59,000	\$420,000	\$90,000	\$95,000		\$664,000	\$0
EC: ROOF REPLACEMENT		\$125,000	\$75,000		\$575,000		\$775,000	\$0
DISTRICT: BOARD OF EDUCATION BUILDING				\$30,000		\$100,000	\$130,000	\$0
							\$0	\$0
<b>WINDOW REPLACEMENTS</b>							\$0	\$0
CE: WINDOW REPLACEMENTS	\$45,000						\$0	\$0
GAB: WINDOW REPLACEMENT				\$90,000	\$110,000		\$200,000	\$0
HE: WINDOW REPLACEMENT (GYM)		\$70,000					\$70,000	\$0
TECHNOLOGY							\$0	\$0
DISTRICT: TECHNOLOGY UPGRADES	\$500,000	\$700,000	\$700,000	\$700,000	\$750,000	\$800,000	\$3,650,000	\$4,000,000
DISTRICT: TECHNOLOGY DEBT SERVICES	\$490,000	\$490,000	\$490,000	\$490,000	\$490,000	\$490,000	\$2,450,000	\$2,450,000
							\$0	\$0
							\$0	\$0
<b>SCHOOL SAFETY AND SECURITY</b>							\$0	\$0
DISTRICT: FACILITY SECURITY ASSESSMENT WITH IMPROVEMENT RECOMMENDATIONS		\$75,000					\$75,000	\$0
DISTRICT: IMPLEMENTATION OF FACILITY SECURITY RECOMMENDATIONS (E.G. SECURITY VESTIBULES)			\$100,000	\$100,000	\$100,000		\$300,000	\$0
CE: REPLACE ALL MINI BLINDS							\$0	\$25,000
GAB: INSTALL BOUNDARY FENCE ON PLAYGROUND			\$20,000				\$20,000	\$0
PE: PERIMETER FENCING	\$30,000						\$0	\$0
DISTRICT: REKEY CENTRAL OFFICE BUILDING		\$7,500					\$7,500	\$0
DISTRICT: DOOR LOCKS							\$0	\$23,700
OHS: SECURITY LIGHTING (CAMPUS-WIDE)							\$0	\$30,000
CRHS: INSTALL HALLWAY SECURITY GATES							\$0	\$50,000
DISTRICT: CONFINED SPACE DETECTOR							\$0	\$5,500
DISTRICT: EMERGENCY LIGHTS						\$10,000	\$10,000	\$0
DISTRICT: FIRE EXTINGUISHER REPLACEMENTS		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$25,000
DISTRICT: INDOOR CAMERA INSTALLATIONS		\$40,000					\$40,000	\$0
DISTRICT: WALKIE TALKIES	\$3,000						\$0	\$0
GH: ADDITIONAL SECURITY CAMERAS						\$16,000	\$16,000	\$0
HE, GAB, EC, CE, CP: ELECTRONIC SECURITY DOOR LOCKS		\$35,000					\$35,000	\$0
DISTRICT: CENTRAL OFFICE FIRE ALARM SYSTEMS		\$15,000					\$15,000	\$0
DISTRICT: MAINTENANCE FACILITIES: FIRE ALARM SYSTEM			\$25,000				\$25,000	\$0
DISTRICT: TRANSPORTATION FACILITIES: FIRE ALARM SYSTEM			\$125,000				\$125,000	\$0
TRANS: REPLACE PERIMETER FENCING						\$20,000	\$20,000	\$0
TRANS: BUS SECURITY CAMERAS		\$15,000					\$15,000	\$0
<b>SUB TOTAL EXPENDITURES</b>	\$2,816,000	\$2,714,000	\$21,043,210	\$2,675,000	\$2,500,000	\$5,089,000	\$34,021,210	
ELEMENTARY #8--(NON PROTOTYPE) SEE BOX BELOW	\$300,000		\$1,482,000	\$19,996,200			\$21,478,200	
<b>GRAND TOTAL EXPENDITURES WITH ELEM #8</b>	<b>\$3,116,000</b>	<b>\$2,714,000</b>	<b>\$22,525,210</b>	<b>\$22,671,200</b>	<b>\$2,500,000</b>	<b>\$5,089,000</b>	<b>\$55,499,410</b>	
<b>REVENUE</b>								

<b>Project Title</b>	<b>Current Year 2012-13</b>	<b>Year 1 2013-14</b>	<b>Year 2 2014-15</b>	<b>Year 3 2015-16</b>	<b>Year 4 2016-17</b>	<b>Year 5 2017-18</b>	<b>Five Year Total</b>	<b>Years 6 to 10 2018-2023</b>
Pay-As-You-Go Funds	\$1,434,067	\$1,434,067	\$1,434,067	\$1,434,067	\$1,434,067	\$1,434,067		
Lottery Proceeds	\$570,281	\$513,851	\$570,281	\$570,281	\$570,281	\$570,281		
Article 46 Sales Tax	\$490,000	\$490,000	\$490,000	\$490,000	\$490,000	\$490,000		
QSCB								
Fund Balance Appropriation 2012-2013	\$621,652							
<b>TOTAL CIP FUNDING</b>	<b>\$3,116,000</b>	<b>\$2,437,918</b>	<b>\$2,494,348</b>	<b>\$2,494,348</b>	<b>\$2,494,348</b>	<b>\$2,494,348</b>		
<b>TOTAL UNFUNDED PROJECTS</b>	<b>\$0</b>	<b>-\$276,082</b>	<b>-\$20,030,862</b>	<b>-\$20,176,852</b>	<b>-\$5,652</b>	<b>-\$2,594,652</b>		

**APPROVED - County Debt Service and Debt Capacity (General Fund Only)**  
**Fiscal Years 2013-18**

<b>Debt Service</b>	<b>Current Fiscal Year 2012-13</b>	<b>Fiscal Year 2013-14</b>	<b>Fiscal Year 2014-15</b>	<b>Fiscal Year 2015-16</b>	<b>Fiscal Year 2016-17</b>	<b>Fiscal Year 2017-18</b>
<i>Total Annual Debt Service</i>	24,887,879	25,609,786	25,412,505	24,186,472	23,152,009	22,091,295
General Fund Budget	180,002,776					
Annual Growth Projections		1.50%	1.50%	1.50%	1.50%	2.00%
Projected General Fund Budget		187,733,499	190,549,501	193,407,744	196,308,860	200,235,037
<b>Annual Debt Service as a % of General Fund</b>	<b>13.83%</b>	<b>13.64%</b>	<b>13.34%</b>	<b>12.51%</b>	<b>11.79%</b>	<b>11.03%</b>
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
<b>Future Debt Service Capacity</b>	<b>1.17%</b>	<b>1.36%</b>	<b>1.66%</b>	<b>2.49%</b>	<b>3.21%</b>	<b>3.97%</b>
<b>Projected Debt Financing</b>						
<b>2013-2014 - \$7,679,750</b>						
County Capital \$3,751,000			360,096	360,096	360,096	360,096
Culbreth MS Science Addition (CHCCS) \$600,000			57,600	57,600	57,600	57,600
CRHS (OCS) Auxilliary Gym \$3,328,750			319,560	319,560	319,560	319,560
<b>2014-2015 - \$9,276,042</b>						
County Capital \$5,422,000*				520,512	520,512	520,512
Culbreth MS Science Addition (CHCCS) \$3,854,042				369,988	369,988	369,988
<b>2015-2016 - \$23,100,663</b>						
County Capital \$10,300,069					988,807	988,807
CRHS (OCS) Classroom Wing \$12,282,960					1,179,164	1,179,164
Culbreth MS Science Addition (CHCCS) \$517,634					49,693	49,693
<b>2016-2017 - \$9,707,474</b>						
County Capital \$8,539,000						819,744
Middle School #5 (CHCCS) \$1,168,474						112,174

<b>Debt Service</b>	<b>Current Fiscal Year 2012-13</b>	<b>Fiscal Year 2013-14</b>	<b>Fiscal Year 2014-15</b>	<b>Fiscal Year 2015-16</b>	<b>Fiscal Year 2016-17</b>	<b>Fiscal Year 2017-18</b>
<b>2017-2018 - \$43,434,774</b>						
County Capital \$36,748,508						
Middle School #5 (CHCCS) \$6,686,266						
New Debt Service		-	737,256	1,627,756	3,845,420	4,777,337
<i>Projected Annual Debt Service</i>	<u>24,887,879</u>	<u>25,609,786</u>	<u>26,149,761</u>	<u>25,814,228</u>	<u>26,997,429</u>	<u>26,868,632</u>
<b>Projected Annual Debt Service As a Percent of the General Fund Budget</b>	<b>13.83%</b>	<b>13.64%</b>	<b>13.72%</b>	<b>13.35%</b>	<b>13.75%</b>	<b>13.42%</b>
<b>Available Annual Debt Service Capacity Based on the 15% Debt Service Policy</b>	2,112,537	2,550,239	2,432,664	3,196,934	2,448,900	3,166,623

\* Includes \$2,400,000 in new financing for Lands Legacy, which should be subject to a voter referendum.

Assumptions:

\$ 960,000 of annual debt service = \$ 10,000,000 of debt issued at current interest rates for 15 years

\$ 800,000 of annual utility debt service = \$10,000,000 of debt issued at current interest rates of 20 years

**APPROVED - Water and Sewer Projects Debt Service (Article 46 Sales Tax)  
Fiscal Years 2013-18**

<b>Debt Service</b>	<b>Current Fiscal Year 2012-13</b>	<b>Fiscal Year 2013-14</b>	<b>Fiscal Year 2014-15</b>	<b>Fiscal Year 2015-16</b>	<b>Fiscal Year 2016-17</b>	<b>Fiscal Year 2017-18</b>	<b>Total Available Funds Dedicated to Debt Service (FY 12-18)</b>
Article 46 Sales Tax Budget (for Debt Service)	750,000	769,500	789,293	809,382	829,773	850,469	\$ 4,798,417
<i>Annual Debt Service as a % of Economic Development's Share of Article 46 Sales Tax Proceeds</i>	<b>60.00%</b>	<b>60.00%</b>	<b>60.00%</b>	<b>60.00%</b>	<b>60.00%</b>	<b>60.00%</b>	
<b>Projected Debt Financing</b>							
<b>2012-13 - \$4,256,046</b>							
Buckhorn EDD Phase 2 - \$4,256,046		340,484	340,484	340,484	340,484	340,484	\$ 1,702,418
<b>2013-2014 - \$275,000</b>							
Efland Sewer Flow to Mebane \$160,000			12,800	12,800	12,800	12,800	\$ 51,200
Eno EDD \$115,000			9,200	9,200	9,200	9,200	\$ 36,800
<b>2014-2015 - \$5,186,000</b>							
Buckhorn EDD-(Efland Sewer to Mebane) - \$3,436,000				274,880	274,880	274,880	\$ 824,640
Eno EDD - \$1,750,000				140,000	140,000	140,000	\$ 420,000
<b>2015-2016 - \$2,500,000</b>							
Buckhorn-Mebane EDD Phase 3 & 4 - \$2,500,000					200,000	200,000	\$ 400,000
<b>2016-2017 - \$0</b>							
<b>2017-2018 - \$0</b>							
<i>Projected Annual Debt Service</i>	-	340,484	362,484	777,364	977,364	977,364	
<b>Available Article 46 Sales Tax Proceeds for Debt Service</b>	<b>750,000</b>	<b>429,016</b>	<b>426,809</b>	<b>32,018</b>	<b>(147,591)</b>	<b>(126,895)</b>	<b>\$ 1,363,359</b>

Note: Since the obligation for the Article 46 Sales Tax runs for 10 years, without renewal, the General Fund would be obligated to pay the debt service.

Assumptions:

- \$ 960,000 of annual debt service = \$ 10,000,000 of debt issued at current interest rates for 15 years
- \$ 800,000 of annual utility debt service = \$10,000,000 of debt issued at current interest rates of 20 years

**Active County Capital Projects  
2/28/2013**

Project	Start Date	Original Budget	Amended Budget	Revenues 2/28/2013	Revenue Shortage	Expenditures 2/28/2013	Available Balance	Percent Complete	Estimated Completion Date
10001 129 E. King Street <sup>1</sup>	7/1/2011	145,000	145,000	132,000	(13,000)	116,410	15,590	80.28%	6/30/2013
10012 Jail Expansion <sup>2</sup>	11/15/2005	1,200,000	1,375,000	978,935	(396,065)	293,257	685,678	21.33%	Unknown
10013 Justice Facility	7/1/2002	330,000	12,277,329	12,277,329	-	12,326,996	(49,667)	100%	6/30/2010
10015 New Courthouse <sup>3</sup>	7/1/2004	308,000	270,521	220,560	(49,961)	218,797	1,763	100%	6/30/2010
10016 Northern Human Services Center	7/1/1998	200,000	714,545	714,546	1	370,085	344,461	51.79%	Unknown
10023 Senior Center Central Orange	7/1/2003	100,000	6,460,533	6,460,533	-	6,177,344	283,189	95.62%	6/30/2011
10024 Seymour Center	7/1/2012	70,000	70,000	70,000	-	-	70,000	0.00%	6/30/2012
10027 Southern Human Services Center <sup>4</sup>	7/1/2011	280,000	280,000	-	(280,000)	159,725	(159,725)	57.04%	7/1/2017
10028 Whitted Human Services Center	7/1/2012	295,000	295,000	-	-	2,800	(2,800)	0.95%	Unknown
10035 Animal Services Facility	7/1/2005	870,000	9,168,864	9,168,864	-	9,157,735	11,129	99.88%	6/30/2013
10037 EMS Relocation	11/9/2006	1,685,000	3,569,214	3,569,215	1	3,552,307	16,908	99.53%	6/30/2013
10038 County West Campus <sup>1</sup>	7/1/2008	700,000	26,899,000	25,874,000	(1,025,000)	26,893,504	(1,019,504)	99.98%	6/30/2013
10040 Hillsborough Commons <sup>5</sup>	7/1/2008	500,000	3,790,000	2,648,204	(1,141,796)	3,780,804	(1,132,600)	99.76%	6/30/2010
10042 Board of Elections Office	6/2/2009	97,000	97,000	97,000	-	34,750	62,250	35.82%	6/30/2011
10043 Piedmont Food Processing Center <sup>6</sup>	6/16/2009	132,000	1,343,225	982,855	(360,370)	1,337,762	(354,907)	99.59%	6/30/2013
10045 Emergency Services Reserve	7/1/2009	1,200,000	1,200,000	1,200,000	-	1,200,000	-	100.00%	6/30/2011
10046 Lake Orange Maintenance <sup>1</sup>	7/1/2009	165,000	277,000	165,000	(112,000)	196,972	(31,972)	71.11%	6/30/2012
10047 Observation Well	7/1/2009	10,130	11,330	11,330	-	11,297	33	99.71%	6/30/2011
10048 Reserve for Sportsplex Repairs	7/1/2009	100,000	100,000	100,000	-	-	100,000	0.00%	Reserve
10050 Southern Library <sup>4</sup>	7/1/2011	650,000	700,000	214,000	(486,000)	36,576	177,424	5.23%	Continuing
10052 Southern Orange Campus (Future) <sup>4</sup>	7/1/2011	300,000	300,000	-	(300,000)	-	-	0.00%	7/1/2017
10053 Future EMS Stations	7/1/2012	50,000	50,000	50,000	-	-	50,000	0.00%	6/30/2019
10054 Historic Rogers Road Comm Center	7/1/2012	120,000	650,000	650,000	-	-	650,000	0.00%	Unknown
20000 Blackwood Farm <sup>1</sup>	6/23/2004	75,000	2,437,435	2,037,435	(400,000)	2,279,170	(241,735)	93.51%	7/1/2019
20002 Cedar Grove Park	5/1/1998	110,000	1,848,000	1,848,000	-	1,847,533	467	99.97%	7/1/2021
20003 Twin Creeks Park <sup>4</sup>	7/1/2001	200,000	2,579,457	1,979,457	(600,000)	926,879	1,052,578	35.93%	Unknown
20005 Fairview Park	10/1/1987	75,000	1,615,023	1,615,023	-	1,604,409	10,614	99.34%	6/30/2011
20006 Conservation Easements <sup>3,6</sup>	7/1/2000	1,000,000	1,733,208	1,671,722	(61,486)	1,709,824	(38,102)	98.65%	Continuing
20011 Lands Legacy <sup>1</sup>	7/1/2000	100,000	1,630,909	1,661,173	30,264	111,290	1,549,882	6.82%	Continuing
20017 Parkland & Recreation Facilities	7/1/1998	105,000	178,530	178,530	-	175,011	3,519	98.03%	6/30/2011
20019 Seven Mile Creek	7/1/1997	359,826	151,000	151,000	-	145,689	5,312	96.48%	6/30/2011
20026 West Ten Soccer	10/19/2004	974,530	4,054,128	4,054,127	-	4,054,616	(489)	100.01%	6/30/2011
20027 New Hope Creek Preserve <sup>1,7</sup>	7/1/2011	25,000	40,000	-	(40,000)	25,000	(25,000)	62.50%	Continuing
20030 Central Recreation Repairs	11/15/2005	635,000	416,980	416,980	-	412,323	4,657	98.88%	6/30/2011
20034 Millhouse Road Park	9/12/2006	50,000	264,802	264,802	-	261,727	3,075	98.84%	6/30/2011
20037 Blackwood Farm Park	7/1/2012	50,000	50,000	50,000	-	-	50,000	0.00%	7/1/2019
20038 Joint Artificial Turf Soccer Fields	7/1/2012	623,000	623,000	-	-	-	-	0.00%	7/1/2014
30002 Roofing Projects <sup>1,4</sup>	7/1/1998	473,000	1,598,100	1,333,000	(265,100)	1,184,541	148,460	74.12%	Continuing

Project	Start Date	Original Budget	Amended Budget	Revenues 2/28/2013	Revenue Shortage	Expenditures 2/28/2013	Available Balance	Percent Complete	Estimated Completion Date
30003 Affordable Housing <sup>6</sup>	7/1/1999	900,000	2,808,804	2,796,304	(12,500)	1,801,439	994,865	64.14%	Continuing
30007 Technology <sup>1,4</sup>	7/1/1991	480,000	4,817,757	3,365,258	(1,452,499)	4,055,370	(690,112)	84.18%	Continuing
30009 Register of Deeds <sup>8</sup>	7/1/2003	184,317	500,450	487,632	(12,818)	97,991	389,641	19.58%	Continuing
30012 Medicaid Max	6/12/2003	515,126	3,924,142	3,946,842	22,700	1,923,499	2,023,343	49.02%	Continuing
30016 Loan Pool Reserve <sup>9</sup>	7/1/1998	150,000	275,000	184,640	(90,360)	200,000	(15,360)	72.73%	Continuing
30017 Efland Sewer Extension <sup>4,6</sup>	7/1/1998	100,000	1,798,240	793,930	(1,004,310)	96,242	697,688	5.35%	Unknown
30018 HVAC Projects	7/1/2003	150,000	2,376,423	617,223	-	806,909	(189,686)	33.95%	Continuing
30019 ADA Compliance	7/1/1992	50,000	16,058	16,058	-	16,058	-	100.00%	Continuing
30031 Utilities Demand Reduction <sup>3</sup>	7/1/2005	60,000	130,000	115,374	(14,626)	114,126	1,248	87.79%	6/30/2011
30035 Upfit Link Center <sup>4,6</sup>	11/1/2007	100,000	1,752,662	1,327,662	(425,000)	1,294,813	32,849	73.88%	Unknown
30037 Telephone System	7/1/2009	575,000	575,000	596,703	21,703	565,299	31,403	98.31%	6/30/2011
30038 800 MHz Radios for Sheriff <sup>4</sup>	7/1/2010	700,000	700,000	473,437	(226,564)	473,436	-	67.63%	6/30/2011
30039 Dental Equipment <sup>1</sup>	7/1/2010	100,000	100,000	-	(100,000)	74,190	(74,190)	74.19%	6/30/2012
30040 Buckhorn Econ Dev Dist Phase 2 <sup>1,4</sup>	7/1/2010	200,000	4,316,546	-	(4,316,546)	460,978	(460,978)	10.68%	Continuing
30041 Payroll Software	12/6/2010	329,861	329,861	329,861	-	323,126	6,735	97.96%	12/31/2011
30042 Central Efland/Buckhorn Sewer <sup>6,10</sup>	7/1/2011	4,848,400	4,848,400	2,294,131	(2,554,269)	3,836,163	(1,542,032)	79.12%	6/30/2013
30043 McGowan Creek Outfall <sup>4</sup>	8/1/2012	755,450	755,450	-	(755,450)	94,200	(94,200)	12.47%	8/1/2014
30050 Energy Bank	7/1/2012	50,000	50,000	50,000	-	-	50,000	0.00%	6/30/2015
30060 Viper Radio System <sup>4</sup>	7/1/2012	543,750	543,750	-	(543,750)	-	-	0.00%	6/30/2020
30061 Communication System Improvemnts <sup>4,11</sup>	7/1/2012	781,875	781,875	489,875	(292,000)	618,091	(128,216)	79.05%	6/30/2018
<b>Total County Capital Projects</b>		<b>25,936,265</b>	<b>120,664,551</b>	<b>100,730,549</b>	<b>(17,256,801)</b>	<b>97,457,064</b>	<b>3,273,485</b>		

**Denotes Source of Revenue Shortage:**

- <sup>1</sup> Appropriated County Capital Fund Balance
- <sup>2</sup> Two-thirds Net Debt Proceeds
- <sup>3</sup> From General Fund
- <sup>4</sup> Private Placement Financing
- <sup>5</sup> State Reimbursements
- <sup>6</sup> Grant Funds
- <sup>7</sup> Contribution from Durham & Chapel Hill
- <sup>8</sup> Register of Deeds Fees
- <sup>9</sup> From Visitors Bureau Fund
- <sup>10</sup> State Revolving Loan Proceeds
- <sup>11</sup> E911 Funds

# Orange County Board of Commissioners Capital Funding Policy

## Preamble

This capital funding policy is the product of extensive analysis and deliberation. The intent of this policy is to reflect greater priority than there has been historically on providing funding for County projects, with particular emphasis directed at enhanced upkeep of existing County facilities. The policy reflects the implementation of the Board of Commissioners' resolution of November 16, 2004 that the Board *"does hereby adopt in principle a policy of allocating a target of 60 percent of capital expenditures for school projects and 40 percent of capital expenditures for county projects over the decade beginning in calendar year 2005"*. This policy continues the County's principle and historical practice of funding all School and County related debt service obligations before allocating any other School or County capital funds for other purposes.

## Long Range Capital Investment Plan

During January of each fiscal year, the County Manager shall present, to the Board, five-year County and School capital needs and funding plans in the form of a Capital Investment Plan. Each year, the Board of Commissioners shall conduct a public hearing on the Manager's Recommended CIP during March and subsequently adopt a five-year Capital Investment Plan (CIP) as part of the annual operating budget in June.

**County and School recurring capital needs will be identified and reviewed during each annual operating budget cycle, and recurring capital appropriations will be approved by the Board of Commissioners as an element of each annual Orange County Budget Ordinance.**

The five-year plan for long-range capital funding shall include anticipated County and School capital expenditures costing \$100,000 or more.

## Sources of Funds

*The County will allocate the following sources of funds for County and School debt service and long-range and recurring capital:*

- All proceeds from the Article 40 and Article 42 half-cent sales taxes.  
*(The North Carolina General Statutes require that 30 percent of the Article 40 (NCGS§105-487(a)) and 60 percent of the Article 42 (NCGS§105-502(a)) sales tax revenue be earmarked for public school capital outlay as defined in NCGS§105-426(f) or to retire any indebtedness incurred by the county for these purposes)*
- School Construction Impact Fees for each school system.
- Property tax revenue as needed and approved by the Board.
  
- The County will budget NC Education Lottery proceeds as the revenues are distributed by the State each quarter, once the revenues are identified for an individual school capital project and requested by each district.

## **Debt Service**

All County and School related debt service obligations would be funded prior to allocation of programmed funding for any other capital purposes.

Orange County Schools' impact fees will be earmarked to pay for debt service on projects that involved the construction of new school space in the Orange County Schools system. Chapel Hill-Carrboro City Schools' impact fees will be earmarked to pay for debt service on projects that involved the construction of new school space in the Chapel Hill-Carrboro City Schools system. These expenditures will be tracked and verified by each district annually.

## **NC Education Lottery Proceeds**

Each school district will have the option to dedicate its share of the annual NC Education Lottery monies to address school facility renovation needs or as additional revenue to the districts pay-as-you-go funding to address school facility renovation needs. Annually either district can request that the County dedicate Lottery proceeds to repay debt service and the county will substitute pay-as-you-go-funding to expedite approved capital projects in the schools capital improvement plan.

## **Allocation**

Capital funding for each five-year capital planning period will be allocated between the two school districts based on the student membership planning allotments, provided by the NC Department of Public Instruction by March 1 of each year.

## **Capital Project Ordinances – Form and Purpose**

All funds allocated to capital projects are to be accounted for in a Capital Project Fund as authorized by a Board of County Commissioner approved Capital Project Ordinance. The Capital Project Ordinance will include a detailed break down of each major cost category related to the project.

In accordance with the Board of County Commissioners November 2000 adopted *“Policy on Planning and Funding School Capital Projects”*, whenever School capital project bids are either higher or lower than originally projected, or any other factor affecting the project budget occurs, the affected school system is expected to work with County Management and Budget staff to present revised capital project ordinances for adoption by the Board of Commissioners. The same expectations shall be applicable for changes to County Capital project budgets.

## **Community Use of Schools**

It is the intent of the Board of County Commissioners to evaluate each new proposed school in both School Districts for joint community use opportunities, including, but not limited to, park and recreation use.

## **Schools Adequate Public Facilities Ordinance**

Orange County’s Schools Adequate Public Facilities Ordinance (SAPFO) and Memoranda of Understanding (MOUs) between the County and its municipal and school partners establish the machinery to assure that, to the extent possible, new development will take

place only when there are adequate public school facilities available, or planned, which will accommodate such new development. The Board of County Commissioners is committed to the principle that new school space documented as needed through the annual SAPFO technical review process will be reflected in the next adopted CIP, and will be funded so as to be constructed to be available before the relevant level of service threshold is exceeded.

**Rescission**

This policy supersedes any policy in place prior to this date.

April 5, 2011

## **ORANGE COUNTY BOARD OF COMMISSIONERS DEBT MANAGEMENT POLICY**

The County has long recognized the importance of proper long-range planning in order to meet capital improvement needs as they arise without experiencing dramatic impacts on operational cost and debt service. The following policy statements will provide guidance on the issuance of debt to help insure that the County maintains a sound debt position and that its credit quality is protected. In conjunction with the County's Capital Policies, these policy statements rationalize the decision making process, identify objectives for staff to implement, and demonstrate a commitment to long term financial planning objectives. In addition, this debt management policy will allow for an appropriate balance between the established debt parameters and providing flexibility to respond to unforeseen circumstances and new opportunities.

### **POLICY STATEMENTS**

#### **Purpose and Type of Debt**

1. Incurrence of debt or long-term borrowing will only be used for the purpose of providing financing for capital projects to include, but not limited to:
  - a. Construction of new School and County facilities
  - b. Renovation and repair of existing School and County facilities
  - c. Acquisition of real property (land and/or buildings)
  - d. Construction or expansion of Public Utilities.
  - e. Providing funds for Affordable Housing Projects
  - f. Construction, acquisition and development of Parks
  - g. Purchase of major equipment

Debt issuance will not be used to finance current operations or normal maintenance.

2. The types of debt instruments to be used by the County include:
  - a. General Obligation Bonds
  - b. Bond Anticipation Notes
  - c. Installment Purchase Agreements (private placement)
  - d. Special Obligation Bonds (landfill only)
  - e. Certificates of Participation, when feasible
  - f. Revenue Bonds
3. All debt issued, including installment purchase methods, will be repaid within a period not to exceed the expected useful life of the improvements or equipment financed by the debt.
4. The County will not issue tax or revenue anticipation notes.

**Purpose and Type of Debt (continued)**

5. The County will not issue bond anticipation notes with maturities in excess of one year.
6. The County will strive to maximize the use of pay-as-you-go financing for capital improvements.

**Issuance of Debt**

7. The County will strive to issue bonds no more frequently than once in any fiscal year. The scheduling of bond sales and installment purchase decisions and the amount of bonds to be sold and installment financing to be sought will be determined each year by the County Commissioners. These decisions will be based upon the identified cash flow requirements for each project financed, market conditions, and other relevant factors. These factors will be ascertained from the school systems and County departments. If cash needs for bond projects are insignificant in any given year, the Board may choose not to issue bonds. Instead, the Board may fund up front project costs and reimburse these costs when bonds are sold. In these situations the Board will adopt Reimbursement Resolutions prior to the expenditure of project funds.
8. The County will seek level or declining debt repayment schedules and will avoid issuing debt that provides for balloon principal payments reserved at the end of the term of the issue.
9. The County will avoid over-reliance on variable rate debt. Variable rate debt will only be considered when market conditions favor this type of issuance. When variable rate debt is considered, careful analysis will be performed and techniques applied that will ensure that the County's sound debt position will be maintained. At no time will variable rate debt exceed 20% of the County's total outstanding debt.
10. The County is required by Statute to issue general obligation debt through a competitive process. The competitive process will also be used for other debt issuance unless time factors, interest rates or other factors make it more favorable to the County to use a negotiated process.
11. In the planning process for debt issuance the County will assess the need to maintain its "Bank Qualification" if installment purchase financing is being considered.

### **Level of Debt**

12. The County will maintain its net bonded debt at a level not to exceed three percent of the assessed valuation of taxable property within the County.
13. The County will strive to maintain its annual debt service costs at a level no greater than fifteen percent of general fund revenues, including installment purchase debt. This is a recommended “best practice” from the Government Finance Officers Association.

### **Advance Refunding of Debt**

14. The County will make every effort to issue advance refunding bonds to achieve cost savings of at least 3% percent net of the refunding bonds. Net savings includes gross savings less issuance costs and any cash contributions to the refunding. The 3% savings is the minimum savings permissible before the North Carolina Local Government Commission will consider advance refunding bonds. These decisions will be based upon the maturity date of the refunded bonds, the call date and premium on the refunded bonds and the interest rates at which the refunding bonds can be issued.

### **Undesignated Fund Balance**

15. The County will strive to maintain an undesignated balance in the general fund of 17% percent of budgeted general fund operating expenditures each fiscal year. The amount of undesignated fund balance maintained during each fiscal year should not fall below 8% percent of budgeted general fund operating expenditures as recommended by the North Carolina Local Government Commission.
16. To the extent that general fund undesignated fund balance exceeds 17% percent the balances may be utilized to fund capital expenditures or pay down outstanding County debt.

### **Investment of Capital Funds**

17. Investment of capital funds will be performed in accordance with the North Carolina General Statutes (159-30). Funds will be invested in instruments that will provide the liquidity required to meet the cash flow needs of each project funded.

18. Investment earnings on capital funds, after subtracting required or potential arbitrage, will be used for project costs and/or debt service.

### **Bond Ratings**

19. The County will maintain good communications with bond rating agencies regarding its financial condition and will follow a policy of full disclosure on every financial report and offering statement.
20. The County will strive to maintain bond ratings at or better than AAA (Fitch), Aa2 (Moody's Investor Services) and AA+ (Standard & Poor's).

### **Arbitrage Rebate and Secondary Market Disclosure Requirements**

21. The County will comply with all arbitrage rebate requirements as established by the Internal Revenue Service and all secondary market disclosure requirements established by the Securities and Exchange Commission.
22. Arbitrage will be calculated at the end of each fiscal year and interest earned on investment of bond or installment purchase proceeds will be reserved to pay any penalties due.

### **Enterprise Funds**

23. For any Enterprise Fund that is supporting debt, an annual rate study will be performed to ensure that fees or rates are sufficient to meet the debt service requirements.

### **Capital Reserve Funds**

24. The County will create and maintain capital reserve funds as appropriate, such as for school and county projects.
25. The Capital Reserves will be funded from property tax revenues, sales tax revenues and/or any other revenue source that the County Commissioners may choose.
26. Funds accumulated in the Capital Reserve Funds will be used on a pay-as-you-go basis to finance renovations and repairs to existing buildings and the purchase of major equipment. The Board may also choose to fund other pay-as-you-go initiatives from Reserve Funds.

**5-Year Capital Investment Plan (CIP)**

27. The County will review and adopt a five-year CIP annually.

28. This Debt Management Policy will be incorporated into the CIP.

29. The County will strive to include plans for debt issuance within the CIP.

**Rescission**

This policy supersedes any policy in place prior to this date.

April 5, 2011

## **ORANGE COUNTY BOARD OF COMMISSIONERS FUND BALANCE MANAGEMENT POLICY**

The Fund Balance Management Policy is intended to address the needs of Orange County (County), in the event of unanticipated and unavoidable occurrences which could adversely affect the financial condition of the County and thereby jeopardize the continuation of necessary public services. This policy will ensure the County maintains adequate fund balance and reserves in the County's **Governmental Funds** to provide the capacity to:

1. Provide sufficient cash flow for daily financial needs,
2. Secure and maintain investment grade bond ratings,
3. Offset significant economic downturns or revenue shortfalls, and
4. Provide funds for unforeseen expenditures related to emergencies.

Fund Balance for the County's **Governmental Funds** will be comprised of the following categories:

1. Nonspendable - amounts that cannot be spent because they are either (a) not in spendable form or (b) legally or contractually required to be maintained intact.
2. Restricted – amounts externally imposed by creditors (debt covenants), grantors, contributors, laws, or regulations of other governments.
3. Committed – amounts used for a specific purpose pursuant to constraints imposed by formal action of the government's highest level of decision-making authority.
  - a. Amounts set aside based on self-imposed limitations established and set in place prior to year-end, but can be calculated after year end.
  - b. Limitation imposed at highest level and requires same action to remove or modify
  - c. Ordinances that lapse at year-end
4. Assigned - amounts that are constrained by the government's intent to be used for specific purposes, but are neither restricted nor committed.
5. Unassigned – amounts that are not reported in any other classification.

**The General Fund will be the only fund that will have an unassigned fund balance. The Special Revenue Funds and Capital Project funds will consist of only nonspendable, restricted, committed and assigned categories of fund balance.**

### **Unassigned Fund Balance – General Fund**

Orange County has adopted a fiscal policy that provides for capital projects to be financed with debt and pay-as-you-go funding. In order to obtain the best possible financing, the County has adopted policies designed to maintain bond ratings at or better than AAA (Fitch), Aa2 (Moody's Investor Services) and AA+ (Standard & Poor's). Part of the County's fiscal health is maintaining a fund balance position that rating agencies feel is adequate to meet the County's needs and challenges.

Orange County has therefore adopted a policy that requires management to maintain an **unassigned balance** as follows:

1. The County will strive to maintain an **unassigned** fund balance in the General Fund of 17% percent of budgeted general fund operating expenditures each fiscal year. The amount of **unassigned** fund balance maintained during each fiscal year should not fall below 8% percent of budgeted general fund operating expenditures, as recommended by the North Carolina Local Government Commission.
2. To the extent that the General Fund **unassigned** fund balance exceeds 17% percent, the balances may be utilized to fund capital expenditures or pay down outstanding County debt.
3. **The County's budget and revenue spending policy provides for programs with multiple revenue sources. The Financial Services Director will use resources in the following hierarchy: bond proceeds, Federal funds, State funds, local non-county funds, county funds. For purposes of fund balance classification, expenditures are to be spent from restricted fund balance first, followed in-order by committed fund balance, assigned fund balance, and lastly, unassigned fund balance. The Financial Services Director has the authority to deviate from this policy if it is in the best interest of the County with Board of County Commissioner's approval.**
4. **Management is expected to manage the budget so that revenue shortfalls and expenditure increases do not impact the County's total unassigned fund balance. If a catastrophic economic event occurs that requires a 10% or more deviation from total budgeted revenues or expenditures, then unassigned fund balance can be reduced by action from the Board of County Commissioners; the Board also will adopt a plan of action to return spendable fund balance to the required level.**

**Enterprise Funds** - (Solid Waste, Efland Sewer, and the Orange County Sportsplex) – The County will strive to maintain unrestricted net assets greater than 8% of total operating revenues at fiscal year-end, net of any donated assets recognized, to provide reserves for operations and future capital improvements.

#### **Restrictions, reservations, and designations of Net Assets for Enterprise Funds**

For external reporting purposes, net assets will be reported as restricted or unrestricted in accordance with GAAP. For internal purposes, net assets will be reserved or designated as follows:

1. Encumbered balances to continue existing projects are designated.
2. Designations for funding of planned projects in a future period to reduce the financial demands placed upon a subsequent budget.

**Internal Service Funds** – Dental Insurance Fund - total net assets shall maintain a positive balance to illustrate the internal nature of recovery fees for services performed in self-insuring employees of the County. Additionally, the net assets of the fund will demonstrate adequate funding for incurred, but not reported claims.

**Rescission**

This policy supersedes any policy in place prior to this date.

April 5, 2011