

ORANGE COUNTY BOARD OF COMMISSIONERS

AGENDA

BOCC Regular/CIP Work Session (After 5:30 p.m. Dinner Meeting with Affordable Housing
Advisory Board)

March 12, 2013

Meeting – 7:00 p.m. - 10:00 p.m.

Southern Human Services Center

2501 Homestead Road

Chapel Hill, NC

- | | | |
|----------------|----|--|
| (7:00 – 7:35) | 1. | Jordan Lake Water Resource Allocation Topics |
| (7:35 – 8:15) | 2. | Upper Neuse River Basin Association/Falls Lake Watershed Rules |
| (8:15 – 9:15) | 3. | Presentation of Manager’s Recommended 2013-2018 Capital Investment Plan (CIP) |
| (9:15 – 10:00) | 4. | Discussion on Facilitating the Performance Evaluation Process for Three Staff Members Appointed by the Board – County Attorney, Clerk, and Manager |

**ORANGE COUNTY
BOARD OF COMMISSIONERS**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: March 12, 2013

**Action Agenda
Item No. 1**

SUBJECT: Jordan Lake Water Resource Allocation Topics

DEPARTMENT: Planning and Inspections,
Environment, Agriculture, Parks and
Recreation (DEAPR)

PUBLIC HEARING: (Y/N)

No

ATTACHMENT(S):

INFORMATION CONTACT:

Craig Benedict, Planning Director,
919-245-2592

Dave Stancil, Director, DEAPR,
919-245-2522

Kevin Lindley, Staff Engineer, Planning
Department, 919-245-2583

Tom Davis, Water Resources Coordinator,
DEAPR, 919-245-2513

PURPOSE: To discuss the various aspects of the Jordan Lake Water Supply application process and related aspects.

BACKGROUND: Below is an outline of topics that will be presented by Planning and DEAPR staff members:

- a. Jordan Lake Partnership (February 17, 2009 Orange County signed)
- b.
 1. Present reserve, 1 Million Gallons Per Day (MGD) (Level II)
 2. Tentative reserve request, additional 3 MGD (Level II)
- c. Three Economic Development Districts and County-Utility Partnerships
 1. Eno-Durham, 1 MGD
 2. Hillsborough area, 1 MGD
 3. Buckhorn-Mebane, 2 MGD (including Efland)
- d. Engineering Infrastructure Study – Regional Interconnections System
- e. Application Aspects
 1. County Water Supply Plan and Alternatives
 2. Draft Application, April 1
 3. Full Application, July 1

f. Related Issues

FINANCIAL IMPACT: The costs associated with the present Level II allocation have been budgeted for 20 years. New costs are being programmed in upcoming year budgets such as \$49,901 for the interconnections study and additional for 3 MGD reserve in the total amount of approximately \$11,200.

RECOMMENDATION(S): The Manager recommends the Board receive information from staff, discuss, and provide guidance as necessary.

**ORANGE COUNTY
BOARD OF COMMISSIONERS**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: March 12, 2013

**Action Agenda
Item No. 2**

SUBJECT: Upper Neuse River Basin Association/Falls Lake Watershed Rules

DEPARTMENT: Environment, Agriculture,
Parks and Recreation
(DEAPR)

PUBLIC HEARING: (Y/N)

No

ATTACHMENT(S):

- A. Falls Lake Watershed Map
- B. List of Recommended Future Monitoring Studies
- C. The Consensus Principles
- D. UNRBA Funding Spreadsheets

INFORMATION CONTACT:

David Stancil, 245-2510
Tom Davis, 245-2510
Gail Hughes, 245-2753

PURPOSE: To inform the Board of current and planned activities of the Upper Neuse River Basin Association (UNRBA).

BACKGROUND: The Falls Lake Nutrient Management Strategy (Falls Lake Rules) became effective in January 2011. These rules require significant reductions in the amounts of nitrogen and phosphorus entering Falls Lake from sources in the watershed including agriculture, wastewater treatment plants, State and Federal facilities, and existing and future development (Attachment A).

Compliance with these rules is projected to be extremely expensive, with the majority of the expense anticipated to be borne by local governments in the Falls Lake watershed, mainly to comply with the regulations involving wastewater treatment plants and existing development (urban stormwater). Considerable expenditures will be needed during Stage II of the nutrient reduction process (2021-2036) to meet the overall reduction goals established in the rules – 40% reduction in nitrogen and 77% reduction in phosphorus runoff.

The members of the UNRBA, including Orange County, remain committed to the protection of the Falls Lake water supply for the City of Raleigh. However, the fiscal analysis prepared by the North Carolina Division of Water Quality (DWQ) during the development of the Falls Lake Rules estimated the total cost to comply with the rules as written would be approximately \$1.5 billion dollars.

In addition, many people consider the required nutrient reductions unattainable at nearly any expense. The Falls Lake Rules include provisions for the Environmental Management Commission (EMC) to consider additional information starting in 2020 for the re-examination of Stage II of the rules. In 2011 the UNRBA hired a consultant “for the development of methods by which the regulatory framework associated with the recently adopted Falls Lake Nutrient Management Rules can be evaluated”. This consultant, CardnoEntrix, recently completed four technical reports to begin the process of analyzing available means for altering Stage II of the Falls Lake Rules. These reports, completed during the initial phase of what has been termed “The Path Forward” process, are as follows:

1. Develop Framework for a Re-examination of Stage II of the Falls Nutrient Strategy
2. Review Existing Data and Reports for Falls Lake and the Watershed
3. Estimation of Nutrient Loading to Falls Lake
4. Review of Existing Models and Recommendations for Future Studies

These reports summarize existing water quality information for Falls Lake and the surrounding watershed, evaluate the lake modeling that DWQ completed during the development of the Falls Lake Rules, assess other available models for representing the lake and watershed, investigate the regulatory “framework” that guides water quality issues in North Carolina, and detail a “roadmap” for the UNRBA to pursue in order to modify Stage II of the Falls Lake Rules. As a result of this process, CardnoEntrix has provided the UNRBA a draft list of studies that are recommended for completion in order to gain necessary information for incorporation into the re-examination process (Attachment B).

The ultimate goal of The Path Forward process is to lower the nutrient reduction requirements of Stage II of the Falls Lake Nutrient Management Strategy, while preserving the water supply of the City of Raleigh. In addition, the UNRBA is interested in increasing the number of Best Management Practices (BMPs) that have nutrient reduction credits established by DWQ for their use. The UNRBA is beginning to work on determining nutrient reduction credits for a large number of BMPs that should prove to be very helpful for both the agricultural community as well as more developed urban areas to use in meeting their required nutrient reductions. Without this work, urban areas would have only a few BMPs available to use in meeting the nutrient reduction targets. The agricultural community has even fewer BMPs approved for use at this time. Developing additional BMPs could prove to be extremely beneficial to the agricultural producers in the Falls Lake watershed.

Given the amount of data that should be collected in pursuit of altering Stage II of the rules, it is likely that the UNRBA will need to complete multiple studies of Falls Lake and the surrounding watershed in the next five to ten years.

At this time, the Path Forward Committee of the UNRBA recommends that the studies listed on Attachment 2 under the objectives entitled “Lake Response Modeling, Support of Regulatory Options and then Source/Jurisdictional Loading” be completed. The Falls Lake Rules specify that a minimum of three years of data must be collected to even be considered by the EMC during the re-examination process. This fact, coupled with the volume of information that is in need of collection, as well as the 2020 deadline for submitting data, underline the need to initiate water quality monitoring in the near future.

During the development of the Falls Lake Rules, the majority of local governments in the Falls Lake watershed adopted a document entitled *Consensus Principles to Guide Falls Lake*

Nutrient Management Strategy (Attachment C). These principles anticipated that local governments would share the costs of re-examining Stage II of the rules. Item 10 of the Consensus Principles includes the following:

“The limited resources available to DWQ and DENR for the implementation of the nutrient management strategy and the need for a robust and active sampling and monitoring program, as well as additional modeling, make it desirable for the affected local governments to share resources and undertake these important activities, and other activities associated with re-examination of the Nutrient Management Strategy, collectively. The affected local governments should share resources and assist with funding for the examination of the Nutrient Management Strategy”

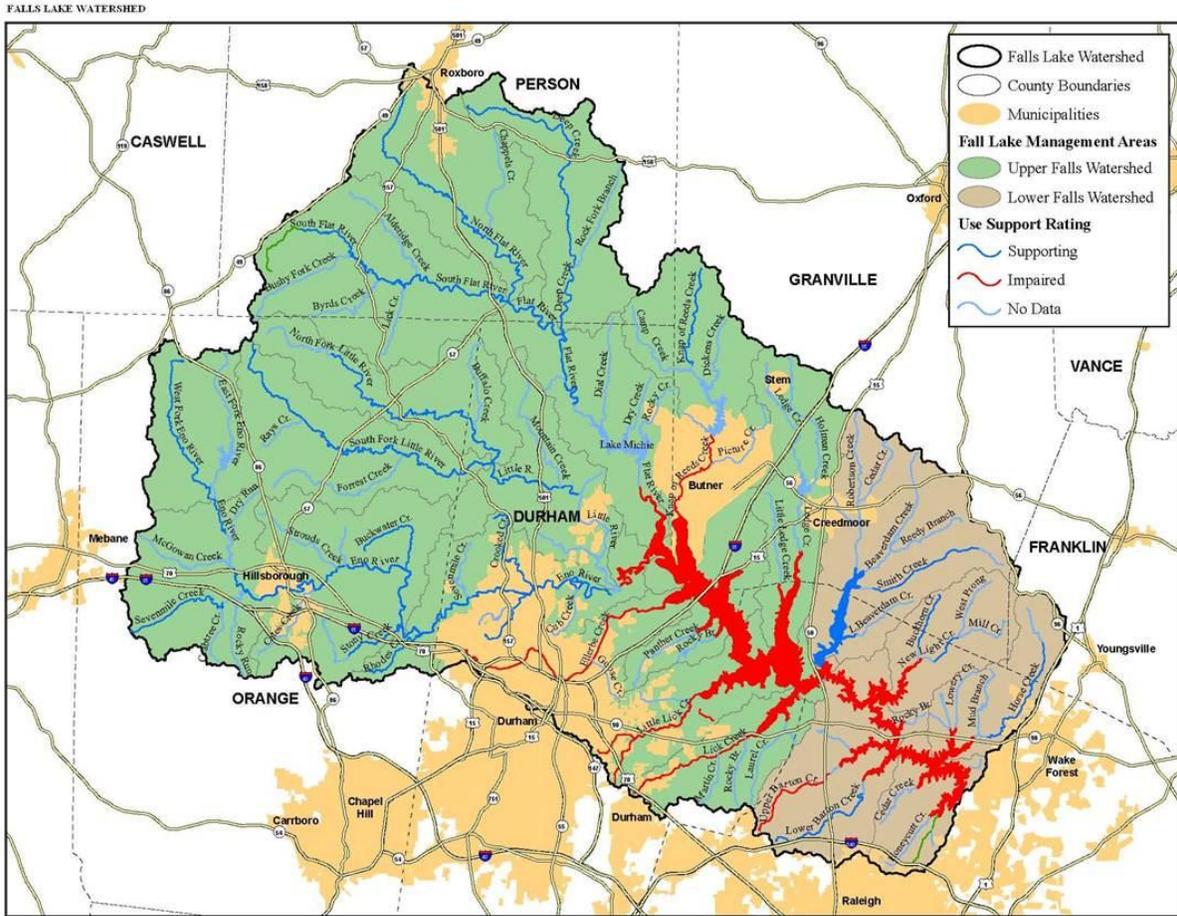
The Consensus Principles were adopted unanimously by the Board of County Commissioners on March 16, 2010.

FINANCIAL IMPACT: During FY 2011-2012, UNRBA dues were doubled for all members. Orange County’s share was increased to \$27,546.81. UNRBA dues are apportioned according to a three-part funding formula (Attachment D). Starting in FY 2013-14, activities undertaken by the UNRBA over the next five to ten years to alter Stage II of the Falls Lake Rules will require substantial funding. As a result, Orange County is being asked to pay dues and special assessment fees of \$68,341.06 for FY 2013-14. It is likely that even higher fees will be necessary during FY 2014-15 since 12 months of water quality monitoring is planned for that time, while only a partial year of monitoring is anticipated for FY 2013-14. Staff anticipates that elevated fees and dues will continue to be requested from each member of the UNRBA over a period of five to ten years.

While the County and the agricultural community will certainly have to undertake measures to reduce runoff to Falls Lake, if the Stage II nutrient reduction targets are not reduced and instead remain as they are currently written, both parties will undoubtedly face greater expenditures than if changes in the nutrient reduction rules are made.

Similarly, increasing the number of Best Management Practices (BMPs) available to regulated parties, including the agricultural community and urban areas, is also expected to ease compliance with the Falls Lake Rules.

RECOMMENDATION(S): The Manager recommends that the Board consider and discuss the information presented concerning UNRBA activities related to the Falls Lake Nutrient Management Strategy.



Falls Lake Watershed.

Recommendations for Future Monitoring Studies
in the Falls Lake Watershed - DRAFT

Table 1-1 Objectives for Potential Monitoring and Modeling Studies for the Falls Lake Watershed

Study	Source/ Jurisdictional Loading	Lake Response Modeling	Compliance Monitoring	Linkage of Water Quality to Designated Uses	Credit Estimation for non-Conventional BMPs	Support of Regulatory Options
Jurisdictional monitoring	X		X			
Areal loading rates	X					
Internal Lake Loading	X	X				X
Nutrient Fate and Transport	X					X
Lake bathymetry and flow data		X				X
Tributary monitoring		X	X			
Storm event sampling		X				
In-lake processes		X				X
Lag time			X			X
BMP implementation tracking	X		X			
Diurnal pH and DO monitoring with water quality sampling				X		X
Fish monitoring with water quality sampling				X		X
Terrestrial and avian species monitoring				X		X
Recreational data and water quality sampling				X		X
Event based water quality sampling				X		X
Estimation of loading from onsite wastewater treatment systems	X				X	
Streambank erosion and nutrient loading	X				X	
Tracking BMP inspections and repairs	X				X	

**CONSENSUS PRINCIPLES TO GUIDE
FALLS LAKE NUTRIENT MANAGEMENT STRATEGY**

1. Falls Lake is currently classified by the North Carolina Environmental Management Commission (EMC) as WS-IV, B: NSW, CA. Pursuant to this classification, the designated uses of Falls Lake include aquatic life propagation and biological integrity (including fishing and fish), wildlife, primary and secondary recreation, agriculture, and water supply. Falls Lake serves as a water supply for the City of Raleigh (Raleigh) and six other municipalities in Wake County.
2. The EMC has established a water quality standard for chlorophyll-*a* of 40 ug/L to protect the designated uses of all waters in the state, including Falls Lake.
3. Since the time it was constructed, portions of Falls Lake have experienced nutrient conditions that have contributed to monitored exceedances of the chlorophyll-*a* standard. In 2005, the General Assembly directed the EMC to develop a nutrient management strategy for Falls Lake. The legislation was amended so that the nutrient management strategy and implementing rules are to be established no later than January 15, 2011.
4. In 2008, the Division of Water Quality (DWQ) found that the chlorophyll-*a* levels at certain locations in Falls Lake exceeded the water quality standard. The EMC found, in the 2009 Neuse Basin Plan, that new nutrient management measures were needed to address nutrient-related problems in Falls Lake.
5. The level of nutrient loading reductions necessary to protect and improve water quality in Falls Lake make it appropriate to establish a two-stage nutrient management strategy – the first stage (Stage 1) designed to achieve the water quality standard for chlorophyll-*a* in the lower lake below Highway 50 (Lower Lake), where the water supply intake is located, and to improve water quality in the upper lake above Highway 50 (Upper Lake), and the second stage (Stage 2) designed to further address water quality in the Upper Lake.
6. The first stage of nutrient loading reductions and protection measures for Falls Lake, as described below, are designed to achieve sufficient improvements in water quality to result in the removal of the Lower Lake from the 303(d)¹ list of impaired waters by 2021.
7. The Stage 1 management measures should include reductions in loading from all major categories of sources including point sources, agriculture and other fertilizer using activities, new development, and existing development.

¹ Under Section 303(d) of the U.S. Clean Water Act, waters of the state that have water quality violations resulting in the failure to meet the designated and protected uses are designated as “impaired”.

- a. **Point Sources:** Large point sources as a group should be required to achieve by 2016 a 20% reduction in 2006 nitrogen loads and a 40% reduction in 2006 phosphorus loads. The allowable mass load for these point sources should be allocated among them based on 110% of current flows.² Smaller point sources should be required to meet limits of technology by 2016.
- b. **New Development:** As soon as is reasonably feasible, and no later than eighteen months after adoption of rules by the EMC, new development throughout the Falls watershed should be required to meet a nitrogen annual loading limit of 2.2 pounds per acre and a phosphorus annual loading limit of 0.33 pounds per acre, a portion of which may be achieved through offset payments.
- c. **Existing Development:** No later than three years after adoption of the rules by the EMC, all jurisdictions throughout the Falls watershed should be required to begin and continuously implement a program to reduce existing development nutrient loads to 2006 levels within ten years from adoption of the rules by the EMC.
 1. Where septic systems account for more than 20% of the nitrogen loading in the portion of a subwatershed of Falls Lake within a jurisdiction (according to DWQ's watershed model), that jurisdiction should be required, as a part of its Stage 1 existing development program, to begin and continuously implement a program to reduce loading from septic systems, discharging into waters of the State within that jurisdiction and subwatershed, which accounted any part for nutrient loading for the jurisdiction.
 2. A jurisdiction that includes any part of a subwatershed of Falls Lake in which chlorophyll *a* levels have exceeded 40 ug/L in more than 75% of the monitoring events in any calendar year should be required, as a part of its Stage 1 existing development program, to begin and continuously implement a program to reduce nutrient loading into waters of the State within that jurisdiction and subwatershed.

However, the total amount of nutrient loading reductions in Stage 1 is not increased for local jurisdictions by the requirement to add specific program components to address septic loading or high nutrient loading levels.
- d. **State and Federal Agencies:** State and federal agencies, including but not limited to DOT, shall be required to reduce nitrogen and phosphorus loading from new and existing development to a similar degree and within a similar time schedule as local governments.

² The Consensus Principles rely on, and do not seek any change from, the apportionment of load allocations as proposed by DWQ in the draft rules issued on January 14, 2010

Consensus Principles
February 9, 2010
Page 3 of 4

8. Stage 2 management measures should be designed to achieve water quality standards in the Upper Lake and to maintain water quality in the Lower Lake. The compliance date for achieving all additional reductions from point sources and agriculture should be no earlier than 2036. Additional existing development reductions, as determined pursuant to paragraph 9 should begin in 2021 and should be continuously implemented according to timelines proposed by each local government in plans periodically submitted to and approved by the EMC, subject to the limitations on the EMC's authority regarding existing development criteria contained in the Jordan Lake legislation.³

9. The process by which the proposed regulatory scheme has been developed relied on a limited data base which will be substantially enhanced by a more rigorous program of sampling, monitoring and analysis. In addition, it may not be feasible to attain all currently designated uses in the Upper Lake and attempting to do so may result in substantial and widespread economic and social impact. The EMC should therefore begin a re-examination of its nutrient management strategy for Falls Lake by January 1, 2018. The re-examination should consider, among other things, (i) the physical, chemical, and biological conditions of the Lake with a focus on nutrient loading impacts and the potential for achieving the Stage 1 goal by 2021 as well as the feasibility of both achieving the Stage 2 reduction goals and meeting the water quality standard for chlorophyll-*a* in the Upper Lake, (ii) the cost of achieving, or attempting to achieve, the Stage 2 reduction goals and the water quality standard in the Upper Lake, (iii) the existing uses in the Upper Lake and whether alternative water quality standards would be sufficient to protect those existing uses, and (iv) the impact of the management of Falls Lake on water quality in the Upper Lake. As the first step in the re-examination, a Scientific Advisory Board should analyze and review the information identified above along with the additional monitoring and modeling data compiled since the model was approved and should present its recommendations for changes in the Nutrient Management Strategy and its implementing rules to DWQ and the EMC by

³ Session Law 2009-216 (the Jordan Lake legislation), at Section 3(d)(2)(f), sets the following limitations on the authority of the Environmental Management Commission for its review and approval of local government programs to control nutrient loading from existing development: "The Commission shall approve the program if it meets the requirements of this subdivision, unless the Commission finds that the local government can, through the implementation of reasonable and cost-effective measures not included in the proposed program, meet the reductions in nutrient loading established by the Department pursuant to sub-subdivision b. of this subdivision by a date earlier than that proposed by the local government. . . . In determining whether additional or alternative load reduction measures are reasonable and cost effective, the Commission shall consider factors including, but not limited to, the increase in the per capita cost of a local government's stormwater management program that would be required to implement such measures and the cost per pound of nitrogen and phosphorus removed by such measures. The Commission shall not require additional or alternative measures that would require a local government to:

1. Install or require installation of a new stormwater collection system in an area of existing development unless the area is being redeveloped.
2. Acquire developed private property.
3. Reduce or require the reduction of impervious surfaces within an area of existing development unless the area is being redeveloped."

January 1, 2019. In light of the report from the Science Advisory Board, the EMC should direct the DWQ to prepare proposed rule revisions, if any, and an updated fiscal note on Stage 2 by August 1, 2019. In its development of any proposed rule revisions, DWQ shall consult with the local governments and other interested parties. Except to the extent that management measures identified as a part of Stage 2 are required to achieve the Stage 1 goal, local governments should not be required to begin implementing Stage 2 management measures without a determination by the EMC of whether alternative goals and/or standards should be established for the Upper Lake.

10. Annual monitoring of chlorophyll-*a* in Falls Lake should be funded and implemented through a collective effort by all jurisdictions partially or wholly within the Falls Lake watershed. The limited resources available to DWQ and DENR for the implementation of the nutrient management strategy and the need for a robust and active sampling and monitoring program, as well as additional modeling, make it desirable for the affected local governments to share resources and undertake these important activities, and other activities associated with the re-examination of the Nutrient Management Strategy, collectively. The affected local governments should share resources and assist with funding for the examination of the Nutrient Management Strategy. The affected local governments created the Upper Neuse River Basin Association, among other reasons, as a means to more effectively perform functions related to Falls Lake and the Upper Neuse River Basin. The Association with an expanded mission and authority, or some similar organization, should be considered for expanded duties that the local governments may agree to assume consistent with this paragraph and paragraph 11 of this document. The results of the additional monitoring and modeling and other relevant information gathered by the collective efforts of the local governments should be shared on a regular basis with DWQ and made available to the Scientific Advisory Board and the EMC in connection with the review described in Paragraph 9.
11. A robust and innovative trading program among all regulated sources is critical to the success of the nutrient management strategy for Falls Lake. In addition, local governments should be able to use any combination of point and nonpoint control/reduction strategies, including land preservation, within their respective jurisdictions to meet their overall obligations under the nutrient management strategy.
12. Nothing in these principles is intended to imply that the EMC is precluded from complying with the requirements of federal law.

ATTACHMENT D

UNRBA Revenue Summary FY 2013 - 14

Date: 2/19/13

Member	Membership Dues FY 2013-14	Monitoring Assessment FY 2013-14	Total Amount Due FY 2013-14	FY 2012-13 Membership Dues Paid
Town of Butner	\$ 2,054.55	\$ 7,158.72	\$ 9,213.27	\$ 3,838.00
City of Creedmoor	1,387.01	4,832.80	6,219.81	2,614.00
City of Durham	33,392.50	116,350.17	149,742.67	59,616.00
Durham County	12,776.99	44,519.12	57,296.11	23,091.00
Franklin County	1,641.66	5,720.07	7,361.73	3,096.00
Granville County	9,429.83	32,856.55	42,286.38	17,105.00
Town of Hillsborough	2,558.02	8,912.96	11,470.98	4,670.00
Orange County	15,240.00	53,101.06	68,341.06	27,578.00
Person County	10,496.73	36,573.97	47,070.70	18,996.00
City of Raleigh	39,976.49	139,290.92	179,267.41	72,550.00
SGWASA	4,068.28	14,175.18	18,243.46	7,811.00
Town of Stem	1,084.05	3,777.19	4,861.24	2,095.00
Wake County	8,278.44	28,844.74	37,123.18	14,170.00
Town of Wake Forest	1,115.44	3,886.57	5,002.01	2,151.00
Total	\$ 143,499.99	\$ 500,000.02	\$ 643,500.01	\$ 259,381.00

UNRBA Membership Dues Calculation for FY 2013 - 14

\$ 143,500.00 Projected Revenue

Date: 2/19/13

Member	Base Rate (10%)		2012 Raw Water Demands (50%)			Jurisdiction's Land Area (40%)			FY 2013-14 Dues
	\$	Member's Sub-Share of Cost	2012 Average Raw Water Demand (MGD)	\$	Member's Sub-Share Cost (%)	Jurisdiction's Acres Within Watershed	\$	Member's Sub-Share Cost (%)	
Town of Butner	\$ 1,025.00	1,025.00	NA			8,822	\$ 1,029.55	1.8	\$ 2,054.55
City of Creedmoor	1,025.00	1,025.00	NA			3,102	362.01	0.6	1,387.01
City of Durham	1,025.00	1,025.00	28.410	\$ 28,781.45	40.1	30,728	3,586.05	6.2	33,392.50
Durham County	1,025.00	1,025.00	NA			100,700	11,751.99	20.5	12,776.99
Franklin County	1,025.00	1,025.00	NA			5,284	616.66	1.1	1,641.66
Granville County	1,025.00	1,025.00	NA			72,019	8,404.83	14.6	9,429.83
Town of Hillsborough	1,025.00	1,025.00	1.090	1,104.25	1.5	3,674	428.77	0.7	2,558.02
Orange County	1,025.00	1,025.00	NA			121,805	14,215.00	24.8	15,240.00
Person County	1,025.00	1,025.00	NA			81,161	9,471.73	16.5	10,496.73
City of Raleigh	1,025.00	1,025.00	38.320	38,821.02	54.1	1,118	130.47	0.2	39,976.49
SGWASA	1,025.00	1,025.00	3.004	3,043.28	4.2	NA	-		4,068.28
Town of Stern	1,025.00	1,025.00	NA			506	59.05	0.1	1,084.05
Wake County	1,025.00	1,025.00	NA			62,153	7,253.44	12.6	8,278.44
Town of Wake Forest	1,025.00	1,025.00	NA			775	90.44	0.2	1,115.44
Total	\$ 14,350.00		70.824	\$ 71,750.00	99.9	491,847	\$ 57,399.99	99.9	\$ 143,499.99

Notes:

* Cost Allocation = 10% by uniform participation; 50% by raw water demands; and 40% by jurisdictional land area in UNRBA.

** 2012 annual daily average raw water demand reported by user systems.

*** Jurisdictional areas obtained from members, January, 2013. Percentages are calculated based on total basin acres. The towns of Mebane and Franklin have a few acres but not enough to affect percentages. Municipal acreages do NOT include ETJs (although some municipalities may have some planning jurisdiction in ETJs, they do not collect tax revenue from these properties). SGWASA- and OAWS-owned acreages are included in their respective jurisdictional areas and are not calculated separately.

UNRBA Monitoring Assessment Calculation for FY 2013 - 14

Date: 2/19/13

\$ 500,000.00 Projected Revenue

Member	Base Rate (10%)		2012 Raw Water Demands (50%)			Jurisdiction's Land Area (40%)			FY 2013-14 Dues
	\$	Member's Sub-Share of Cost	2012 Average Raw Water Demand (MGD)	\$ 250,000.00 (%)	Member's Sub-Share Cost	Jurisdiction's Acres Within Watershed	\$ 200,000.00 (%)	Member's Sub-Share Cost	
Town of Butner	\$	3,571.43	NA			8,822	1.8	\$ 3,587.29	\$ 7,158.72
City of Creedmoor		3,571.43	NA			3,102	0.6	1,261.37	4,832.80
City of Durham		3,571.43	28.410	40.1	\$ 100,283.80	30,728	6.2	12,494.94	116,350.17
Durham County		3,571.43	NA			100,700	20.5	40,947.69	44,519.12
Franklin County		3,571.43	NA			5,284	1.1	2,148.64	5,720.07
Granville County		3,571.43	NA			72,019	14.6	29,285.12	32,856.55
Town of Hillsborough		3,571.43	1.090	1.5	3,847.57	3,674	0.7	1,493.96	8,912.96
Orange County		3,571.43	NA			121,805	24.8	49,529.63	53,101.06
Person County		3,571.43	NA			81,161	16.5	33,002.54	36,573.97
City of Raleigh		3,571.43	38.320	54.1	135,264.88	1,118	0.2	454.61	139,290.92
SGWASA		3,571.43	3.004	4.2	10,603.75	NA		-	14,175.18
Town of Stern		3,571.43	NA			506	0.1	205.76	3,777.19
Wake County		3,571.43	NA			62,153	12.6	25,273.31	28,844.74
Town of Wake Forest		3,571.43	NA			775	0.2	315.14	3,886.57
Total	\$	50,000.02	70.824	99.9	\$ 250,000.00	491,847	99.9	\$ 200,000.00	\$ 500,000.02

Notes:

* Cost Allocation = 10% by uniform participation; 50% by raw water demands; and 40% by jurisdictional land area in UNRB.

** 2012 annual daily average raw water demand reported by user systems.

*** Jurisdictional areas obtained from members, January, 2013. Percentages are calculated based on total basin acres. The towns of Mebane and Franklin have a few acres but not enough to affect percentages. Municipal acreages do NOT include ETUs (although some municipalities may have some planning jurisdiction in ETUs, they do not collect tax revenue from these properties). SGWASA- and CAWS-owned acreages are included in their respective jurisdictional areas and are not calculated separately.

**ORANGE COUNTY
BOARD OF COMMISSIONERS**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: March 12, 2013

**Action Agenda
Item No. 3**

SUBJECT: Presentation of Manager's Recommended FY 2013-18 Capital Investment Plan (CIP)

DEPARTMENT: Financial Services

PUBLIC HEARING: (Y/N)

No

ATTACHMENT(S):

Attachment A. Chapel Hill Carrboro City Schools (CHCCS) FY 2013-23 Capital Investment Plan Request

Attachment B. Orange County Schools (OCS) FY 2013-23 Capital Investment Plan Request

Attachment C. Manager's Recommended FY 2013-18 County Capital Investment Plan (Under Separate Cover)

INFORMATION CONTACT:

Frank Clifton, County Manager,
(919) 245-2305
Clarence Grier, Financial Services,
(919) 245-2453

Paul Laughton, Financial Services,
(919) 245-2152

PURPOSE: To present the Manager's Recommended FY 2013-18 Capital Investment Plan to the Board of County Commissioners.

BACKGROUND: For over 20 years, the County has produced a Capital Investment Plan (CIP) that establishes a budget planning guide related to capital needs for the County as well as Schools. The current CIP consists of a 5-year plan that is evaluated annually to include year-to-year changes in priorities, needs, and available resources.

Capital Investment Plan – Overview

The FY 2013-18 CIP includes County Projects, School Projects, Proprietary Projects, and Special Revenue Projects. The Proprietary Projects include Water and Sewer, Solid Waste Enterprise Fund, and Sportsplex projects. The Special Revenue Projects include Economic Development and School related projects funded from the Article 46 (1/4 cent) Sales Tax proceeds. The Article 46 Sales Tax was approved by the voters in the November 2011 election, and became effective April 1, 2012.

The CIP has been prepared anticipating continued slow economic growth of between 1-2% annually over the next five years. Many of the projects in the CIP will rely on debt financing to fund the projects.

County Capital – Highlights

The County Capital section includes four (4) new projects that were not part of the FY 2012-17 Approved CIP. These projects include the following:

Environment and Agriculture Center – The age and condition of the current facility require significant investment for on-going use, including replacement of the roof, HVAC equipment, and asphalt repair/improvements. Year 5 (FY 2017-18) reflects funding of \$1,353,508 for these repairs/replacement. This is one of several facilities that was discussed with the Board of Commissioners at their February 12, 2013 work session.

Government Services Center Annex – includes \$350,000 in Year 5 (FY 2017-18) for HVAC replacement. This is one of several facilities that was discussed with the Board of Commissioners at their February 12, 2013 work session.

Historic Rogers Road Neighborhood Community Center – During FY 2012-13, the Board of Commissioners approved the establishment of 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. No additional funding is included in the Manager's Recommended FY 2013-18 CIP.

Little River Park (Phase II) – 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 with funds of \$175,000 in Year 3 (FY 2015-16), and add a new maintenance shed and new playground in Years 6-7. Funding is shared 50% with Durham County for this project.

Other Major County projects include the following:

Southern Orange Campus (Future Planning) – Design services of \$400,000 are recommended in Year 2 (FY 14-15, with site development infrastructure work of \$3,600,000 recommended in Year 3 (FY 15-16) for campus buildings not associated with the existing Southern Human Services Center (SHSC). Expansion of the existing SHSC is included in a separate CIP project.

Southern Human Services Center Expansion – includes expansion of the existing SHSC, contingent upon approval of the Special Use Permit (SUP) modification that will guide use of this site. Funding of \$6,650,000 is recommended in Year 4 (FY 2016-17) for this expansion, which includes a Dental Clinic.

Southern Library – includes \$600,000 in Year 1 (FY 2013-14) for possible land purchase and design costs, \$525,000 in Year 3 (FY 2015-16) for site work/engineering, and construction costs of \$7,000,000 to be spread over two fiscal years (\$3,500,000 in Year 4 and \$3,500,000 in Year 5).

Proposed Jail – total project costs of \$30,000,000, with site related planning costs of \$500,000 recommended in Year 3 (FY 2015-16), architectural/engineering costs of \$500,000 in Year 4 (FY 2016-17), with the construction of a new 250 bed jail recommended in FY 2017-18 at an estimated cost of \$29,000,000.

Blackwood Farm Park – Funds for construction of an Agricultural, Environment, and Parks Center, including a permanent parks operations base, are planned for two phases (\$3,000,000 in Year 3 and \$2,000,000 in Year 5), with design, engineering, and preconstruction funds totaling \$600,000 in Years 1 and 2. The bulk of Park construction is recommended in Year 4 (FY 2016-17) with funds of \$1,300,000.

Eurosport Soccer Center (Phase II) – This represents an investment in the current facility, with additional restrooms and parking in Year 2 (FY 2014-15), as well as conversion of one field to artificial turf with funds of \$800,000 in Year 3 (FY 2015-16). Possible land acquisition and design are recommended for Year 5 (FY 2017-18) with funds of \$675,000, with the expansion of the facility projected in Years 6-7.

Millhouse Road Park – The recommended budget for this project reflects a possible Town of Chapel Hill/County partnership concept for this project. Funds of \$100,000 for design, engineering, and preconstruction costs are recommended in Year 2 (FY 2014-15), with park construction funds of \$6,400,000, including a soccer field complex, walking trails, and other amenities, recommended in Year 3 (FY 2015-16).

Future EMS Stations – Funds of \$875,000 each in Years 1, 3, and 5 of the CIP are included for the construction of three (3) stand-alone new substations for Emergency Services, with a fourth substation planned in Year 7. The cost is for the facility and infrastructure, and assumes construction on County-owned property. Locations will be identified as part of the process for facility siting, and may include co-locating with cell towers or with other County operations, which could possibly reduce the costs. Funding amounts could change on a site-by-site basis.

Communication System Improvements – includes continued phasing in of Emergency Services 800 Mhz radios in Years 1-4 of the CIP, with replacement of Sheriff radios of \$920,000 in Year 5 (FY 2017-18). Year 1 (FY 2013-14) also includes financing of P25 Compliant Radio System Consoles totaling \$832,268 and replacement of the main 9-1-1 switch - NextGen Phone System of \$402,000 (debt service to be paid with E-9-1-1 funds on both of these), and the financing of P25 compliant portable radios for the rural fire districts (debt service to be paid by the General Fund). The purchase of the P25 compliant consoles and radios ensures integration to the new platform that the North Carolina State Highway Patrol/VIPER is scheduled to place in service during the second half of 2013.

Special Revenue Projects (Article 46 Sales Tax Proceeds) – Highlights

The Special Revenue section includes anticipated revenue from the Article 46 (1/4 cent) Sales Tax, with 50% of the proceeds for Economic Development initiatives and 50% for Education (allocated by the ADM count of the two school districts). In FY 2012-13, proceeds are estimated at \$2,600,000, with 1.5% growth assumed in subsequent years. A summary is provided within the Special Revenue Projects section of the document listing the recommended uses of these proceeds.

Proprietary Projects – Highlights

Water & Sewer Utilities – Year 1 (FY 2013-14) reflects continuation (work began in FY 2012-13) of the McGowan Creek Pump Station rehabilitation project costs (\$621,250) in the Central Efland/North Buckhorn Sewer Expansion project, in order to take advantage of remaining State Revolving Loan funds. Year 2 (FY 2014-15) reflects funds of \$3,426,000 of the Buckhorn EDD – Phase 2 Extension (Efland Sewer Flow to Mebane) for construction of this project. This project has been moved up one year from the previously approved CIP. Funds of \$1,750,000 are recommended in Year 2 (FY 2014-15) for the construction work on the Eno EDD project, and funds of \$2,500,000 are recommended in Year 3 (FY 2015-16) for the Buckhorn-Mebane Phase 3 and 4 construction projects. Both of these projects have been moved back one year from the previously approved CIP.

Solid Waste – includes recommended funds of \$3.16 million in Year 1 (FY 2013-14) for construction closure costs associated with the Municipal Solid Waste (MSW) Landfill. The Landfill closes on June 30, 2013, but the construction closure costs will occur during FY 2013-14 due to the delay by the State on approval of the closure plan. Recommended funding for Recycling Operations has changed significantly from the previously approved CIP, with funding based on a plan to move to franchising/privatization of curbside services.

Sportsplex – includes funding in Year 2 (FY 2014-15) for a Mezzanine addition at the pool area to include dedicated member change areas and lockers, workout rooms, and a senior/adult cardio strength center. The operator of the facility has proposed two new projects, which are included in Years 3 and 4. A new building addition is proposed in Year 3 (FY 2015-16) at a cost of \$1,900,000 that would house an indoor turfed field for soccer, lacrosse, senior walking, running, kidsplex functions, and kickball. A second new building addition is proposed in Year 4 (FY 2016-17) at a cost of \$900,000 that would house a regulation sized high school/college basketball court, including bleacher seating. The operator's revenue projections from these new projects would generate enough funds to cover the additional annual debt service needed for these projects.

School Projects – Highlights

Chapel Hill-Carrboro City Schools – Based on the Schools Adequate Public Facilities Ordinance (SAPFO) most recent November 15, 2012 projections, a new Middle School #5 would be needed in FY 2017-18, so funds are recommended in Years 2-5, with most of the construction funds in Year 4 (FY 2016-17) to accomplish this target opening date. Pay-As-You-Go (PAYG) funds are estimated at a 1.5% annual growth rate and the Lottery Proceeds are held constant throughout the 5-year CIP period.

Orange County Schools – Consistent with the current approved CIP, funds of \$3,328,750 are recommended in Year 2 (FY 2014-15) for the construction of an auxiliary gym at Cedar Ridge High School, as well as recommended funds of \$12,282,960 in Year 3 (FY 2015-16) for the construction of a 20 classroom addition wing to address over capacity issues at Cedar Ridge

High School. 1.5% annual growth in PAYG funds and constant Lottery Proceeds are assumed throughout the 5-year CIP period.

Note: Within the School Capital Projects section, there are three summaries provided that reflect: (1) the Recommended projects, (2) the Requested, but Unfunded projects, and (3) the total amount of the Recommended and Unfunded projects.

Appendices – Highlights

County Debt Service and Debt Capacity – Based on the Manager’s recommended funding, the County’s annual debt service as a percent of the General Fund budget would remain under 15% until FY 2017-18, when it would reach 15.65%.

Note: An additional summary is provided in the Appendices section, which reflects the debt service percent if all the Recommended and the Requested, but Unfunded projects were included during the FY 2013-18 CIP period. This would increase the percentage to 16.75% in FY 2016-17, and to 18.04% in FY 2017-18.

Water and Sewer Projects Debt Service (to be paid with Article 46 Sales Tax proceeds) – based on the current allocation for debt service for Economic Development initiatives, the accumulated amount of revenue earmarked for debt service is adequate to cover debt service payments through the 5-year CIP period.

Active County Capital Projects – also included in the Appendices section is a list of all currently active County Capital projects reflecting available balances as of February 28, 2013.

FINANCIAL IMPACT: There is no immediate financial impact associated with the presentation of the FY 2013-18 Capital Investment Plan. It is a long-range financial planning tool with a financial impact in FY 2013-14, if the first year of the CIP is approved by the Board of County Commissioners with the adoption of the Annual Budget.

RECOMMENDATION(S): The Manager recommends the Board receive the presentation of the Manager’s Recommended FY 2013-18 Capital Investment Plan and provide direction to staff in preparation of the April 11, 2013 Budget work session.



Board of Education

Agenda Abstract

Meeting Date: 2/7/13
 Agenda Type: Discussion and Action
 Agenda Item #: 6f

Subject: Recommendation for approval of the 2013-23 Capital Investment Plan.

Division:	Support Services Division, Todd LoFrese	Department:	Facilities Management
Person Responsible:	William J. Mullin, Executive Director of School Facilities	Feedback Requested From:	

Agenda Item....Prior Submission Dates **Public Hearing Required:** No

Work Session	No	Date
Discussion and Action	No	Date

Attachment(s):

- (1) Recommended 2013-23 Funded Capital Investment Plan
 - (2) Unfunded Major Projects Schedule
 - (3) Unfunded New Schools and Facilities Schedule
 - (4) Culbreth Middle School Science Wing Addition Plans
 - (5) Schools 2013-14 Capital Budget Requests
-

PURPOSE: To seek approval from the Board on the recommended 2013-23 Capital Investment Plan.

BACKGROUND:

Orange County has requested the district submit its 2013-23 Capital Investment Plan (CIP) in February. The format for the funded CIP remains similar to last year's plan whereby, project details are provided for the first 5 years. Funding for years 6 through 10 are summarized by major category.

Attached is a recommended CIP. In addition to the 5 year funded plan, also included are schedules for Unfunded New Schools and Facilities and Unfunded Major Projects.

It is important to note that the CIP is submitted before the final results of the Facilities Assessment have been received and reviewed. The assessment has been underway since last

October and a preliminary report will be presented at the School Board Planning Conference on February 11-12. The assessment reviewed the district's 10 oldest schools and facilities identifying physical needs as well as programming deficiencies, code or life safety concerns, accessibility limitations, environmental and mechanical/electrical deficiencies, and site conditions. The final report will prioritize the deficiencies and include cost estimates for corrective action. The 10 schools and facilities included in the assessment are Carrboro Elementary School, Ephesus Elementary School, Estes Hills Elementary School, Glenwood Elementary School, FP Graham Elementary School, Seawell Elementary School, Culbreth Middle School, Phillips Middle School, Chapel Hill High School, and Lincoln Center. It is anticipated the financial impact to address the deficiencies identified in the assessment will be considerable. At this time, only a few preliminary needs are addressed in the 2013-23 CIP. We anticipate that the majority of the needs will be prioritized over the next year and as such, future CIPs will be adjusted accordingly.

Last June, the county increased Pay-as-You-Go funding for FY 2012-13 by approximately \$660,000. This base line increase is continued in this year's CIP. Additionally, the State has increased anticipated Lottery Funds by almost \$25,000 annually. These increases are welcomed additions after many years of reductions in CIP funding. However after accounting for the quarter cent sales tax, the total 2013-23 ten year funding of \$40,884,967 is still a reduction of \$10.8 Million from the 2008-18 CIP budgeted funding of \$51,756,848.

The recommended 2013-23 CIP continues the 50% allocation of available funds to Technology. The district strategic plan and the State's goals for creating 21st Century schools stress the importance of providing students with individual access to technology. Although the district has allocated a large percentage of available CIP funding toward student laptops, current funding levels do not support a 2:1 or 1:1 program. A 21st Century curriculum also requires Future-Ready classrooms equipped with projection, audio, and interactive systems. Gaps currently exist in the instructional technology available in new and older schools within the district. These two needs are identified on the Unfunded Major Project Schedule.

Additionally, the Funded Projects schedule includes the final year's funds to construct Northside Elementary School that will open in August 2013. Also included on the Funded Projects spreadsheet are estimates of full year income from the Article 46 ¼ cent sales tax increase that was approved in 2011. It is recommended that FY 2013/14 Sales Tax funds be used to address the most pressing deficiencies identified by the Facilities Assessment.

The CIP recommendation also includes an increase in Fire/Safety/Security Systems in FY 2013-14. As part of our ongoing efforts to provide safe schools, and as a result of the national attention on school security, reviews are being conducted with local law enforcement departments and we want to have funding available if additional recommendations are made.

An Unfunded Major Project Schedule is also included as part of the CIP. This list represents a fraction of the known building deficiencies and school requests as well as Technology needs. This schedule will undergo major modification as results of the Facilities Assessment

are reviewed and prioritized. Additionally, a placeholder has been added to the Unfunded Schedule to lease space for Central Office staff. This continues to be an issue that requires attention.

The Unfunded New Schools and Facilities schedule has also been updated. The November 15, 2012 SAPFO projections have been certified and indicate the need for new schools as follows; Middle School #5 in 2017-18, High School additions in 2020-21, and Elementary School #12 in 2021-22. This represents a delay from last year's CIP in the need for another elementary school while the middle school and high school needs remain the unchanged.

The Unfunded New Schools and Facilities schedule also includes additions at existing middle schools that have long been identified as unfunded capital needs. The McDougle Middle School auditorium and Culbreth Middle School Science wing are listed.

Last year the Board approved funding to develop a plan to meet the need for Science Labs at Culbreth Middle School. As a result, a comprehensive plan has been developed that adds a new Science Wing to the school. The plan locates 6 science classrooms on the east side of the building. In addition to classrooms, the science wing plan includes necessary support space, assembly and display areas, bathroom facilities, and adjacent exterior areas devoted to nature studies. Copies of the floor plan and schematics are attached. The Science Wing addition was developed with input from the science teachers, Department of Public Instruction standards, professional associations, UNC Professor of Science Education, and private industry science professionals.

Construction of the Science Wing requires the Town of Chapel Hill to issue a Special Use Permit (SUP). The SUP review period is approximately 9 months. Plans have been filed with the Town and the SUP review process is underway. A cost estimate for the building addition is included in the Unfunded New Schools and Facilities schedule. The construction of the science wing would likely increase the capacity of Culbreth Middle School which would likely result delaying the need for a new middle school. The proposed CIP recommends requesting full project funding from the County Commissioners.

In preparing the CIP, the schools' 2012-13 Capital Budget Requests have been reviewed. The status of these requests is indicated on each submission.

FINANCIAL IMPACT: As outlined in the proposed CIP.

PERSONNEL IMPACT: None

RECOMMENDATION: Approval of the resolution

RESOLUTION:	Be it, therefore, resolved that the Board of Education approves of the 2013-23 Capital Investment Plan and authorizes a formal request for funding of the Culbreth Science Wing to the Orange County Board of Commissioners.
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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 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
ADA Requirements		75,000	35,000	45,000	35,000	35,000	225,000		345,000
Abatement Projects									
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		
Athletic Facilities									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		
Classroom/Building Improvements						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								
Doors/Hardware/Canopies									
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
Electrical Systems									
All Schools: Increase Electrical Distribution		150,000	165,000	165,000	175,000	175,000	830,000		955,000
Energy Efficiency/Lighting Improvemnets									
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		
Fire/Safety/Security Systems									
General Upgrades and Expansions	50,000	175,000	93,620	100,000		75,000	443,620		257,894
Indoor Air Quality Improvements									
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
Mechanical Systems		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	
Mobile Classrooms/Rental Space		133,000	135,001	138,000	138,000	140,000	684,001	743,500
Paving: Parking Lots/Driveways/Walkways								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	
Roofing/Building Waterproofing Projects					172,402		172,402	
ECHHS: Brick pointing/window seals			200,000				200,000	350,000
Window Replacements								
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
Technology: Total of Listed Categories		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 & 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
TOTAL EXPENDITURES - 10 YEAR CIP	596,398	3,165,104	3,199,981	3,235,381	3,271,313	3,307,783	16,179,562	17,105,405

	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
CIP FUNDING SOURCES:									
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
TOTAL CIP FUNDING	3,105,782	3,165,104	3,199,981	3,235,381	3,271,313	3,307,783	16,179,561		17,105,405
OTHER FUNDING:									
Northside Elementary School-opens Aug. '13		4,300,000					4,300,000		
Article 46 Sales Tax - 1/4 Cent									
-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		
Culbreth Middle School: Science Addition	Aug. 2015	600,000	3,854,042	517,634									4,971,676
McDougle Middle School: Auditorium	Aug. 2016		400,000	3,909,138	325,000								4,634,138
Middle School #5	2017-18		1,168,474	6,686,266	27,027,452	4,968,488							39,850,680
Carrboro High School Additions	2020-21						3,293,631	13,624,134	2,826,183				19,743,948
Elementary School #12	2021-22							6,493,220	24,144,927	4,837,906			35,476,053
TOTAL UNFUNDED PROJECTS		600,000	5,422,516	11,113,038	27,352,452	4,968,488	3,293,631	20,117,354	26,971,110	4,837,906	-	-	104,076,495

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

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	
Mechanical Systems:											
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
Paving/Parking Lots/Playgrounds											
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
Rental Space - Administrative	75,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,290,000
Roofing											
Smith: repairs and seals (20 years)								2,000,000			2,000,000
ECHHS: repairs and seals (20 years)					1,500,000						1,500,000
Technology											
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
TOTAL UNFUNDED MAINTENANCE PROJECTS	2,688,717	3,389,529	4,292,719	3,683,087	4,288,503	3,019,377	3,708,819	6,617,239	2,223,651	1,703,359	35,615,000





Science Wing Addition
Grey Culbreth Middle School
January 24, 2013 Scale: 1" = 25'-0"





Science Wing Addition
Grey Culbreth Middle School
January 24, 2013 Scale: 1" = 70'-0"



**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Carrboro Elementary School

SIT Approval 11/2/12

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY

#	DESCRIPTION	JUSTIFICATION	ESTIMATED COST	STATUS
1	Storage Solutions/ Renovations	Our classrooms need updates cabinets and storage. It is an item that is on the current proposed CIP over a two year period, but our school wants to advocate for this allocation.	150000	Funded CIP FY 2012-13
2	Auditorium Lighting Updates	The current lighting is original to the school and puts off a smoking odor several times a year that is investigated by the fire department. Nothing has been found, but an update is needed to ensure safety and appropriate stage lighting.	80000	Auditorium Improvements included in Unfunded CIP
3	Acoustic Improvements in Auditorium	The current walls are brick and cinderblock. The acoustic improvements would provide better sound for student and community performances.	3000	Unfunded CIP
4	Sidewalk to Primary Play structure	Our primary play structure will accommodate a student in a wheelchair but the current slope of the hill is too steep for a child to safely access the ramp, thus a sidewalk is requested.	5000	Recurring Capital
5	Create a Multipurpose Field	use. Changes are needed to provide a multipurpose field for gross motor and team sport activities. The school would like to explore the possibility of selling the timber to offset the cost of the field.	30000	Unfundid CIP
6	Removal of the mobile unit	The mobile unit in the center of our school's courtyard is over 30 years old and has endured many years of wear and tear. It is currently being used for office and meeting space by our coaches. Because of the age and condition, we would not consider it for classroom space (we have used 3 other "creative" spaces instead). With redistricting, we anticipate being able to move our literacy coaches back into the main building.	5000	under review
			\$ 273,000	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Ephesus Elementary School

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY #	<u>DESCRIPTION OF PROJECT AND JUSTIFICATION</u>	<u>ESTIMATED COST</u>	<u>STATUS</u>
1	replace locks and keys school-wide As administrators and other staff have come and gone, we have not maintained appropriate records about keys. Additionally, some keys have been lost, unaccounted for, and/or not returned by departing staff members. We feel that by replacing the locks, we can start fresh, establish a secure system for record-keeping, and maintain the security of our school. We'd also like to ask that staff members' new keys work to open the common area of the main office, but not specific offices within that space. Our SIT wants to share that most federal and other government buildings replace locks and keys every 10 years.	???	Under review
2	installation of additional video cameras We would like additional video cameras installed to increase the security of our building. Areas included are atrium and front parking lots, 2 cameras for hallways outside of restrooms, and outside near the basement entrance. We feel that additional surveillance outside will be a deterrent for vandals. Inside, we feel that additional cameras will be a deterrent for thieves. We have had problems with both vandalism and theft this year.	15,000	Funded CIP FY 2013-14
3	remove remaining carpet from building and replace carpet in the media center. In light of recent mold issues, we would like to have the carpet removed in several offices and closets in the building as well as replaced in the media center. Because there is not ventilation in many of these spaces, we think this is especially important to our indoor air quality.	65,000	Carpet Removal in Recurring Capital. New installation to be priced and budgeted.
4	fencing We would like to request that a fence with a gate be installed surrounding our 3-5 playground area. We have fencing in some areas, but feel that our students would be safer if they were in a contained area during recess times. This is especially important when multiple classes and/or grade levels are outside at the same time.	7,500	Recurring Capital
5	campus plan As we have for the past few years, we wish to request that the district fund a portion of our campus plan. We are ready to purchase the plan portion with funds raised at the school level and once done, would like the district to contribute \$5,000 to our first project.	5,000	Recurring Capital
GRAND TOTAL		\$ 92,500	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Estes Hills Elementary School

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY #	DESCRIPTION	JUSTIFICATION	ESTIMATED COST	STATUS
1	Replace/update kitchen equipment; stove top, serving line, and dishwasher.	Serving line needs to be more efficient, 2 of 3 burners don't work on stove top.	\$ 20,000	Article 46 Sales Tax FY 2014-15
2	Provide adequate draining on lower level sidewalk leading to blacktop.	This is a safety issue for our campus. When it rains we have huge puddles of standing water on the lower sidewalks.	\$ 12,500	Recurring Capital
3	Refurbish media center: additional shelving, new carpet for floor, update storage and office space in work area.	Our book collection is limited due to shelving. The office/production area is cramped and not functional.	\$23,000.00	Funded CIP FY 2015-16
4	Block roof access from the top level of the outside stairs leading to the lower level	Safety - roof above the lower level is easily accessible to students and strangers	\$1,000.00	Recurring Capital
5	Add/extend canopy over outside entrance to Art Room.	This is an entrance for students moving to art every day.	\$18,000.00	Unfunded CIP
6	Replace HVAC system in the Multi-Purpose Building	There is no temperature regulation in this building	\$60,000	Funded CIP FY 2018-19
7	Install sink in staff workroom	The only sink in the workroom is the small bathroom sink. This is needed for staff health reasons.	\$6,000	Recurring Capital
GRAND TOTAL			\$140,500.00	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Frank Porter Graham Elementary

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

After SIT meeting on 1/8/13.

DESCRIPTION	ESTIMATED COST	STATUS
Microphones for playground, courtyard, front lobby, and main office. This is for safety reasons. If there is an emergency, people on the playground, courtyard, and front lobby, and main office cannot hear the announcement.	\$ 15,000	Bids received on Jan. 29. Intercom system to be installed and completed by March.

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Glenwood Elementary School

Approved by SIT on 12/20/12

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY NUM	<u>DESCRIPTION OF PROJECT AND JUSTIFICATION</u>	<u>ESTIMATED COST</u>	<u>STATUS</u>
1	New HVAC system for all classrooms and office spaces	\$225,000	Equipment replacements in Funded CIP for FYs 2013-14, 2015-16, 2018-19
2	New blinds for all classrooms and office spaces.	\$100,000	Recurring Capital
3	New smoke detector system.	\$20,000	Issue has been corrected with telephone line.
4	Covered walkways for pathways to mobile units, buses, and kiss & go.	\$150,000	Unfunded CIP
GRAND TOTAL		\$495,000	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Rashkis Elementary School

Approved by SIT on 11/19/12

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY NUMER	<u>DESCRIPTION OF PROJECT AND JUSTIFICATION</u>	<u>ESTIMATED COST</u>	<u>STATUS</u>
1	Add a playground at Rashkis We currently have one relatively small playground shared by all students K-5. The play area is very compact with little room for movement around equipment. Many student injuries can be attributed to the large number of children trying to use equipment at the same time. We would like to create an additional playground to increase student safety, minimize student injuries, and provide more opportunity for physical activity and fitness.	\$ 50,000	Unfunded CIP
2			
3			
GRAND TOTAL		\$ 50,000	

CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-2014 CAPITAL BUDGET REQUESTS

SCHOOL/DEPARTMENT: Seawell Elementary School

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY #	DESCRIPTION	JUSTIFICATION	ESTIMATED COST	STATUS
1	Assessment and long-term repair of fire alarm system.	Our fire alarm system has had numerous issues that have resulted in periods of time that Seawell was off-line from monitoring. Occasionally, we were not aware that we were not on-line to be monitored. This is a serious safety issue. We have been in a continuous pattern of Sonitrol saying that it was a phone line issue and the phone company saying it is a Sonitrol issue. Other adjustments have been made to patch the issue and we request a permanent solution. Also, we request a sound alarm for the area near the 6 mobile classes. Currently they only have strobe lights.	if needed 60,000	Issue was investigated and telephone line problem was corrected in Nov.
2	Assess and repair uneven sidewalks around our campus and add an additional paved area at the front of the school so that car riders have a paved path from the picnic area to the sidewalk	As an open school with many separate buildings, some of our sidewalks serve as hallways, with heavy amounts of staff and student traffic. There are many places where the sidewalk has settled, leaving raised areas that are tripping hazards, causing injuries in the past. While one repair was made last year, and the raised areas were painted, we are requesting more permanent repairs. We also request a paved area for students to use from the car rider area to the sidewalk that leads to the cars.	\$15,000	Article 46 Sales Tax - Summer 2013
3	Drainage Issues	Pods 2 and 4 have flooded twice this year during heavy rains. We are requesting that an assessment take place to see if cleaning the drains will help or if upgrades on the door and door frames would assist with keeping the water from entering. We have permanent sand bags in place and this is a tripping hazard. The field behind our school serves as a location for PE classes or as the third play area for our students to participate in outdoor recess. It holds water and needs to be recrowned.	\$15,000	Recurrinig Capital

4	Water Fountain	We need a multiple-trough water fountain installed in the vicinity of the playground and playing field. In order for the staff to access drinking water for the children, they have to send the children into the school without supervision. This could be considered a safety issue on both fronts -lack of water and lack of supervision.	\$6,500	Unfunded CIP
5	Playground Assessment and Equipment Replacement	We are in need of a playground assessment to see if there are pieces of equipment that need to be replaced. Some of the equipment is old and may not meet safety regulations. We do not have many options for play areas for older children and would like to keep this age group in mind as we replace equipment.	\$20,000.00	Review Required

Grand Total

\$ 116,500.00

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Smith Middle School

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY #	<u>DESCRIPTION OF PROJECT AND JUSTIFICATION</u>	<u>ESTIMATED COST</u>	<u>STATUS</u>
1	Install proper Art room case work in room 413 At the start of the 2010-2011 school year room 413 was changed from a CTE industrial arts and technology classroom to an art and ceramics classroom. This change was made in response to very high student demand for visual arts and ceramics classes and very low demand for applied technology and industrial arts courses. At the time of the transition the CTE equipment was removed and Smith administration discussed the installation of proper art room cabinetry with district facilities staff. Some base cabinets were installed with sinks and plumbing to make the room functional as an art room. Upper cabinetry was not provided, only shelving in a small portion of the room. We are requesting the completion of cabinetry that will give room 413 the minimum standard of storage for an art classroom that serves over 100 students each day.	\$ 10,000	Recurring Capital
2	Install sound proofing panels in cafeteria With no materials to absorb sound in the cafeteria, the noise level becomes quite loud, especially with more than 230 students in the setting. This project was a part of the CIP for the 2008-2009 school year, but it was not completed.	\$ 50,000	Unfunded CIP
3	Revisit schedule for roof replacement/ major repairs The current CIP lists repairs and seals to the Smith roof as an unfunded project for the 2021-2022 school year. This would mark the 20th year of the building and our roof. While we understand that the Smith roof is an expensive project (\$2,000,000) and roofs are expected to last 20 or more years we are asking that this project be reconsidered and moved up on the calendar. During moderate or heavy rain storms we are experiencing multiple roof leaks. During the last heavy rainstorm we had at least 10 rooms reporting leaks that were coming through the drop ceiling.	2,000,000	Unfunded CIP
GRAND TOTAL		\$ 2,060,000	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: Carrboro High School

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY #	DESCRIPTION	JUSTIFICATION	ESTIMATED COST	STATUS
1	Install security cameras on the front right side of the building. This area is used as the main entrance for our sporting events in the gym. Our students also use this sidewalk from their parking lot into the main office area.	In an era of heightened security for schools, often viewed as "soft targets, Carrboro High School should not have any blind spots to the administration and security officials. The entire front side of our building is not visible on any of our security cameras. This security measure is essential to the safe and orderly environment for all of our constituents.	5000	Funded CIP FY 2013-14
2	Install an additional set of bleachers with a concrete pad on the visitor's side of stadium.	Carrboro High School Athletics has grown into a source of pride for our entire school community. As our teams advance further in their respective championships, our school has been penalized for a lack of sufficient seating by the NCHSAA. Additionally, we often have visitors sitting on the home side during matches that can become emotionally-charged. It is our goal at Carrboro to maintain a safe yet spirited environment during athletic competitions; appropriate and adequate seating for our opposing team fans is essential if we are to achieve this goal and maintain the safety of all fans and spectators.	150000	Unfunded CIP
GRAND TOTAL			\$ 155,000	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPT: CHAPEL HILL HIGH SCHOOL

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY NUMER	<u>DESCRIPTION OF PROJECT AND JUSTIFICATION</u>		<u>ESTIMATED COST</u>	<u>STATUS</u>
1	Safe School Items			
	Exterior Doors that are secure when locked.	Students at present can pull hard and open the exterior doors.	35,000	Funded CIP FY 2013-14
	More Security Cameras	We have several areas of campus that can't be monitored.	15,000	Funded CIP FY 2013-14
	An Intercom that can be heard throughout rooms and the campus.	Presently, about half of our intercom speakers work and there are outdoor areas that can't hear announcements and the tones clearly.	65,000	Need Review
	Lighting and replacement of broken lights.	For evening events, lighting is poor to non-existent in some areas.	10,000	Recurring Capital
	Heating and Air Conditioning that works consistently.	There are many areas of the building where the temperature of classrooms is 55 degrees in the winter and 88 in the summer.	???	Need Review
2	Library			
	New carpet and furniture for our library.	It has been years since the carpet has been replaced in the CHHS library. There are holes and tears in the carpet. The furniture while very solid (and could be used elsewhere in the building), needs to be more conducive to media center needs.	150,000	Unfunded CIP
3	Technology Needs			
	Network Switches in the A Building Wiring Closet need to be relocated in a dry, and properly cooled location.	This room leaks, stays incredibly warm and has already destroyed one \$8,000.00 switch. It is extremely difficult to troubleshoot or work within this room.	?????	Need Review
4	Softball Field Fence			
		This is a Title IX violation that needs to be addressed as soon as possible.	???	Completed
5	Sidewalk repair			
		This is the area where the school buses, including buses for the handicapped, dropoff and pickup students.	18,000	Article 46 Sales Tax - Summer 2013
	GRAND TOTAL		\$293,000	

**CHAPEL HILL-CARRBORO CITY SCHOOLS
2013-14 CAPITAL BUDGET REQUESTS**

SCHOOL/DEPARTMENT: East Chapel Hill High School

Please list in priority order any capital project requests that are not currently in the Capital Investment Plan (CIP).

PRIORITY #	DESCRIPTION	JUSTIFICATION	ESTIMATED COST	STATUS
1	Continue implementing a five year painting schedule such that 20% of the school building would be painted every summer so the entire building is painted every five years. Currently in year 4, request is for year 5	East is a sixteen year old school. During the past 4 years, much has been done toward its cosmetic upkeep. In order to maintain the esthetic quality of the building, promote a positive and clean environment for learning and maintain the district's investment in this facility, routine upkeep and painting must be planned for and completed.	45000	Recurring Capital annual program
2	Remove carpeting in the media center and replace with tiling. Safety and ealth Concern	The carpet in the media center was intalled when the school was built seventeen years ago. After years of wear and repeated shampooing, dirt, mold and carpet dust permanently exists. Throughout the building where like carpeting has been removed, health conditions, specifically breathing, have improved.	20000	Recurring Capital
3	Install an additional set of bleachers with a concrete pad on the visitor's side of stadium. Growing Safety Concern	East Chapel Hill Athletics remain a great source of school pride as do our facilities and fan and student support of athletics. A significant portion of our athletic budget is generated by gate receipts through the sale of tickets to our events. Gate receipts have become increasingly essential during the past few years due to continued budget cuts faced by the athletic department. It is our goal at East to maintain a safe yet spirited environment during athletic competitions; appropriate and adequate seating for our opposing team fans is essential if we are to achieve this goal and maintain the safety of all fans and spectators. During the 2011 football season, seating was limited for opposing team fans and resulted in the mixing of fans in the home stands which resulted in several instances of fan conflict and poor sportsmanship. Teams traveling to compete at East should have safe and adequate seating for their fans.	150000	Unfunded CIP

4	Build a storage closet in the upper hall way outside of room 281 in the un-used space above the café commons area. Safety Issue	Space is needed for the storage of athletic equipment as well as for storing tables and chairs so that they can be removed from current locations under the stairwells-as directed by the Fire Marshall.	4000	Recurring Capital
5	Replace plastic treads on stairs throughout the building. Safety Issue	In each of the stairwells, the plastic treads, which are glued to top and front riser of the step have come off in places. In some areas the plastic has torn or dangles freely and in other areas, there is uneven application of tread. The stairs have areas, the tread is missing altogether and in still other areas, the stairs are dangerous and pose significant trip hazard, particularly to our disabled to students.	25080	Investigation Needed
6	Theater lighting system upgrade, install an architectural control system. Replace the house lights with LED Fixtures. Install a distributed data system. Upgrade the lighting fixture package.		\$ 175,000.00	Unfunded CIP
	GRAND TOTAL		\$ 419,080	

**ORANGE COUNTY
BOARD OF EDUCATION**

AGENDA ITEM ABSTRACT

Meeting Date: January 28, 2013

AGENDA ITEM No. _____

ACTION ITEM: (Y/N) _____

SUBJECT: 2013—2023 Proposed Capital Investment Plan Review

INFO. CONTACT: Pam Jones, Interim Aux Srv Exec Dir **PHONE:** 732-8126

ATTACHMENTS:

1. Proposed 2013-2023 CIP by Category
2. Proposed 2013-2023 CIP by Location

PURPOSE: To discuss projects and associated funding proposed for inclusion in the 2013-2023 Capital Investment Plan; and to provide direction to staff regarding finalization of the Plan for submission to the County Commissioners.

BACKGROUND: The attached spreadsheets outline projects identified for inclusion in the 10-year Capital Investment Plan for years 2013—2023. There are two spreadsheets, identical in numbers, but presented in two different formats: 1.) Presented by Category as prescribed by the County Budget Office; 2.) Presented by Location so the Board can also see what work is proposed at each school.

Time constraints precluded an exhaustive review of projects in the out years, so in general, they remain the same as in past CIPs, with a couple of notable exceptions discussed later in this abstract. Likewise, many of the projects proposed for funding in 2013-14 have not been changed, although several have been added to reflect critical needs that were not previously addressed. A summary of the additions to Year 1 are as follows:

- Roof Replacements
Replacement of specific roof sections at Central Elementary, Grady Brown Elementary, Efland Cheeks Elementary and Orange High School is reflected in the District's roof replacement schedule; and the need for replacement at this time has been confirmed by Staff and the roofing consultant. This work was not included in previous CIPs.

In addition, future roofing needs consistent with the replacement schedule have been added to the CIP in order to more adequately anticipate future funding needs. Roofing needs will be evaluated annually as the CIP is updated and adjustments made as necessary, but in general should follow the replacement schedule.

Some of this work was also recommended for immediate action in the DPI Facility Survey and Recommendations Report (hereinafter referenced as the DPI report).

- ADA Compliance
Requested ADA funding was increased by \$56,000 in 2013-14 to address some important compliance issues noted in the DPI report.
- Energy Efficiency/Lighting Improvements
The Maintenance Department regularly replaces T-12 lighting bulbs and ballasts with the more energy efficient T-8 bulbs and ballasts as they become inoperable. However, T-12 lights are in the final years of phase out, making an accelerated effort to re-lamp entire facilities prudent. Funding requested in the Lighting Category accomplishes the re-lamping of both Grady Brown and New Hope Elementary Schools in their entirety over the course of three years. Additional schools will be evaluated over the next year and included in future funding plans to ensure all facilities are re-lamped systematically and in a timely manner.

The DPI report also recommends this item be addressed as soon as practicable.

- Electrical Systems
An additional \$18,000 is requested for emergency generator and automatic transfer switch installation at the Central Office, bringing the total request to \$45,000. This will allow a sizeable portion of the building to be functional in the event of power outage.
- Orange High Heat Distribution System
Funding for professional services is requested to explore alternatives and prepare a design for replacement of the steam lines at Orange High. Developments over the past several months have caused concern regarding the longevity of the 50-year old distribution system. Since this is a costly system to replace, options, including phasing plans, will be explored with the consultant and will be available for Board consideration later in the year.

During this fiscal year, staff will update the inventory, evaluate existing mechanical equipment and create a replacement schedule, in order to better anticipate future replacement needs.

- School Safety and Security
The Board recently received information about areas where enhanced security measures may be called for at schools in the District. In order to present a comprehensive picture of these efforts a section in the CIP entitled "School Safety and Security" was created. Related existing projects were consolidated under this heading. While each of these projects had merit, there is no evidence of a comprehensive approach to addressing this critical issue. Therefore, to promote consistent and well-informed safety strategies in all facilities, an assessment by professionals trained in these areas is recommended. The resulting recommendations are expected to include, but not be limited to such things as architectural changes in facilities (security vestibules for example) and technology enhancements (cameras, smart locks, etc.). Recommendations, complete with preliminary costs, will allow the District to budget most effectively for safety needs in future CIPs; and will provide reliable information for any grant opportunities that may arise.
- New Facilities
Last year's CIP included three new facilities:
 - Cedar Ridge High School Auxiliary Gym
 - Cedar Ridge High School Classroom Wing Addition
 - Elementary #8

Cedar Ridge High School Projects

A total of \$300,000 was approved in 2012-13 to begin preliminary planning for the two referenced projects at Cedar Ridge High School. The combined estimated cost of \$24,035,000 was requested for funding between 2014 and 2016. The cost estimate prepared by Corley Redfoot Architects—

and recently confirmed—reflects a total estimated project cost of \$15,911,710. The origin of the estimate included in the 2012 document is not clear and has therefore been modified to reflect the updated amount. Funding of development costs remain in 2014-15, pending discussion of the latest Schools Adequate Public Facilities Ordinance numbers.

Elementary #8

A total of \$300,000 was approved in 2012-13 to begin preliminary planning for a new Elementary School. The remaining \$18,500,000 development costs were requested in equal portions over two years, beginning in 2013-14. It is unclear from whence these development costs were derived.

Development costs provided by Corley Redfoot Architects—and recently confirmed—reflect estimated costs for a non-prototype school to be \$21,778,200.

An estimated \$800,000 savings could be realized through reduced professional services fees should the Board choose to pursue a prototype school. Project cost for a facility using the design for the Morris Grove Elementary in the Chapel Hill Carrboro System would come in at an estimated \$20,961,200.

The CIP document will be modified to reflect appropriate cost and projected development timeframe following the Board's discussion about this item.

FINANCIAL IMPACT: The County Budget Office has reported these revenues are available for funding the District's Capital Investment Plan for FY 2014:

• Pay-As-You-Go Funds	\$1,434,067
• Lottery Proceeds	\$ 513,851
• Article 46 Proceeds	<u>\$ 490,000</u>
Total	\$2,437,918

RECOMMENDATION: The Superintendent recommends the Board discuss projects as presented; and provide feedback to staff regarding projects to be included in the final CIP, which will be presented for Board approval on February 11, 2013.

**ORANGE COUNTY
BOARD OF EDUCATION**

AGENDA ITEM ABSTRACT

Meeting Date: February 11, 2013

AGENDA ITEM No. _____

ACTION ITEM: (Y/N) _____

SUBJECT: 2013—2023 Capital Investment Plan Approval

INFO. CONTACT: Pam Jones, Interim Aux Srv Exec Dir **PHONE:** 732-8126

ATTACHMENTS:

1. Proposed 2013-2023 CIP by Category
2. Proposed 2013-2023 CIP by Location

PURPOSE: To discuss and approve projects and associated funding for inclusion in the 2013-2023 Capital Investment Plan.

BACKGROUND: On January 28, 2013 the Board reviewed a proposed slate of projects for inclusion in the 2013-2023 Capital Investment Plan. The Plan was generally supported, however, clarification and additional consideration was requested in the areas listed below. A staff response, and in some instances a recommendation follows the topic.

1. Installation of flag poles at A.L. Stanback
 - a. Response: Funds will be identified in the current year to complete this work, estimated around \$3,000.
2. Orange High School PA system in stadium
 - a. Response: Funding for this equipment is included in the October 8, 2012 appropriation from Capital Fund Balance approved by the Board. Proposals are in process at this time and will be forthcoming for Board action in the near future.
3. Cameron Park Mobile Unit
 - a. Response: A report will be brought back to the Board in late-Spring assessing all mobile units in the District, their location, use, condition, etc.
4. Replacement of Activity Buses
 - a. Response: The Board has previously expressed the desire to replace a total of 12 activity buses over the course of several years. The Board appropriated \$250,000 from Capital Fund Balance in FY2013 to purchase four (4) activity buses—two 72-passenger, one 14- passenger and one 22-passenger. The total actual cost was \$267,000, without considering licensing and registration , with the overage being charged to Transportation's operating budget.

According to the Transportation Director, future purchases of 72-passenger buses would provide the best flexibility of use. The 2013 cost for a 72-passenger bus was \$88,284, with taxes, registration and licensing, the unit cost is approximately \$92,000.

Three 72-passenger buses could be purchased for an estimated \$276,000. Funding for three buses has been added to each of FY 2014, 2015 and 2016, with one unit projected for FY2017, completing the replacement of the fleet.

An appropriation from Capital Fund Balance is suggested for funding this expenditure.

5. Proper placement of Elementary #8 in the CIP.
 - a. In light of the SAPFO numbers recently provided by the Orange County Planning Department it appears possible to push out the commencement of planning and construction of this school. The Board may wish to consider placing funding for the construction of this project in FY 2015-16, with the intent to test the validity of this timeframe annually when the CIP is formulated.
 - b. Planning funds for this project were approved in FY2013 in the amount of \$300,000. An additional \$1,482,000 is suggested for FY 2014-15 to complete the funding necessary for the planning process to be carried out. In the event planning is not required within that timeframe, availability of this funding might also provide flexibility to the Board in the event a site was identified that requires costs to be incurred.

6. Investigation of the impact of the new Governor's tax code modifications on the County's ¼ cent sales tax.
 - a. Response: Staff will explore the issue with the State associations for Schools and County Commissioners and keep the Board apprized of its progress.

Based on the final slate of projects approved by the Board of Education, a final document will be prepared and forwarded to the County's Budget office on February 12, 2013, for inclusion in the CIP to be presented to Commissioners on March 12, 2013. The Board is however, reminded that staff work will continue on the out years of this document in order to more accurately reflect the comprehensive and heretofore unconsidered needs, of the District in future Plan updates.

FINANCIAL IMPACT: The County Budget Office has reported these revenues are available for funding the District's Capital Investment Plan for FY 2014:

• Pay-As-You-Go Funds	\$1,434,067
• Lottery Proceeds	\$ 513,851
• Article 46 Proceeds	<u>\$ 490,000</u>
Total	\$2,437,918

RECOMMENDATION: The Superintendent recommends the Board approve the 10-year plan after discussion and determination of the preferred timing for Elementary #8; and direct the Finance Director to prepare supporting documentation for the Capital Fund Balance appropriation and present it for Board approval as appropriate.

BY CATEGORY

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
ADA								
		\$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
ABATEMENT PROJECTS							\$0	\$0
HE: ASBESTOS REMOVAL (GYM HOT WATER PIPES)							\$0	\$200,000
NH-ALS: CARPET REMOVAL						\$200,000	\$200,000	\$200,000
							\$0	\$0
ATHLETIC FACILITIES							\$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
CLASSROOM/BUILDING IMPROVEMENTS							\$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

BY CATEGORY

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
MECHANICAL SYSTEMS							\$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
DSTRIC: 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
MOBILE CLASROOM RENTAL SPACE							\$0	\$0
DISTRICT: EMERGENCY MOBILE STORAGE UNIT							\$0	\$10,000
							\$0	\$0
PAVING: PARKING LOTS/DRIVEWAYS/WALKWAYS							\$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: ASHPHALT 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
ROOFING PROJECTS							\$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

BY CATEGORY

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
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							
TOTAL CIP FUNDING	\$3,116,000	\$2,437,918	\$2,494,348	\$2,494,348	\$2,494,348	\$2,494,348		
TOTAL UNFUNDED PROJECTS	\$0	-\$276,082	-\$20,030,862	-\$20,176,852	-\$5,652	-\$2,594,652		



FY 2013-18
Capital Investment Plan
Manager Recommended

Orange County
North Carolina

FY 2013-18

Capital Investment Plan Manager Recommended

Frank W. Clifton, County Manager

Clarence G. Grier, Assistant County Manager, CFO

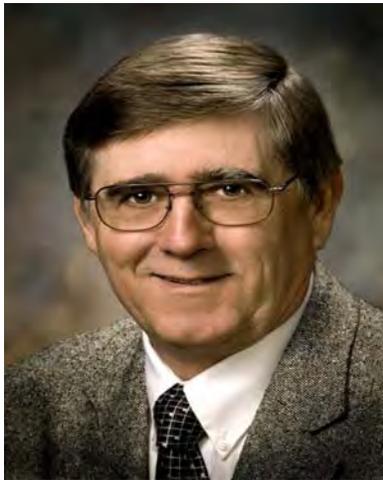
Paul K. Laughton, Deputy Financial Service Director

Orange County
North Carolina

Board of County Commissioners



Barry Jacobs, Chair



Earl McKee, Vice-Chair



Mark Dorosin



Alice M. Gordon



Bernadette Pelissier



Renee Price



Penny Rich

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Capital Investment Plan Summaries

**Orange County Capital Investment Plan - Recommended
Fiscal Years 2013-18**

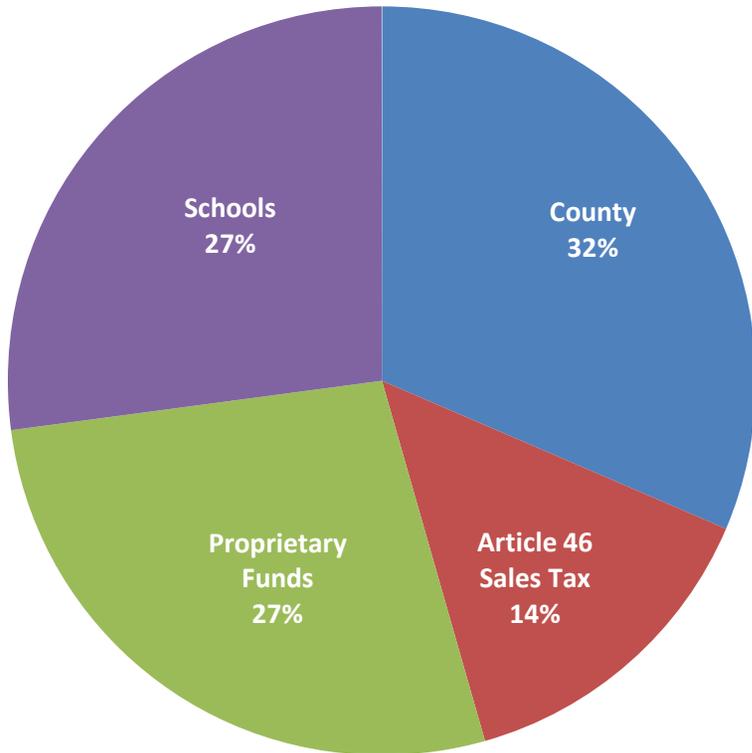
	Current Fiscal Year 2012-13	Year 1 Fiscal Year 2013-14	Year 2 Fiscal Year 2014-15	Year 3 Fiscal Year 2015-16	Year 4 Fiscal Year 2016-17	Year 5 Fiscal Year 2017-18	Five Year Total	Year 6 to Year 10
Appropriations								
<i>County Capital Projects</i>	7,477,325	5,895,268	7,478,510	20,054,569	14,043,500	40,191,308	87,663,155	43,829,760
<i>Special Revenue Fund (Article 46 Sales Tax)</i>								
<i>Economic Development</i>	1,300,000	1,319,500	1,339,293	1,359,382	1,379,773	1,400,469	6,798,417	7,215,590
<i>Chapel Hill Carrboro City Schools</i>	790,500	801,900	813,471	825,216	837,136	849,236	4,126,959	4,441,123
<i>Orange County Schools</i>	509,500	516,850	524,310	531,882	539,568	547,369	2,659,979	2,862,494
<i>Proprietary Capital Projects ⁽¹⁾</i>								
<i>Water & Sewer Utilities</i>	4,811,146	896,250	5,536,000	2,500,000	185,000	150,000	9,267,250	1,000,000
<i>Solid Waste</i>	931,208	3,513,936	2,623,992	1,796,554	2,225,730	1,308,072	11,468,284	9,263,952
<i>Sportsplex</i>	660,000	710,000	1,175,000	2,150,000	1,210,000	375,000	5,620,000	
<i>Schools Capital Projects</i>								
<i>Chapel Hill Carrboro City Schools</i>	24,605,782	3,130,742	4,333,578	9,886,247	30,262,833	8,239,801	55,853,201	72,134,685
<i>Orange County Schools</i>	1,940,417	1,947,918	5,298,179	14,274,223	2,013,424	2,035,917	25,569,661	32,007,177
Total	43,025,878	18,732,364	29,122,333	53,378,073	52,696,964	55,097,172	209,026,906	172,754,781
Revenues/Funding Source								
<i>Available Project Balances</i>	450,000	164,000					164,000	
<i>Transfer from Capital Reserve</i>	50,000							
<i>Transfer from General Fund - County</i>	1,254,397	1,345,000	1,176,510	907,000	907,000	712,800	5,048,310	5,207,500
<i>Transfer from General Fund - W & S Utilities</i>	420,900	275,000	350,000			150,000	775,000	
<i>Transfer from General Fund - Schools</i>	3,724,849	3,724,849	3,780,722	3,837,433	3,894,994	3,953,419	19,191,417	20,674,606
<i>Transfer from other Capital Projects</i>	623,000					425,000	425,000	
<i>County Capital Fund Balance</i>								
<i>Visitors Bureau Fund Balance</i>								
<i>Solid Waste Fund Balance</i>	585,387	3,363,936	722,069	754,119	1,124,726	785,756	6,750,606	4,221,038
<i>Sportsplex Fund Balance</i>	660,000	710,000	225,000	250,000	310,000	375,000	1,870,000	
<i>Recycling - 3R Fee</i>	345,821		214,055	753,918	1,101,004	522,316	2,591,293	5,042,914
<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>QSCBs</i>								
<i>Register of Deeds Fees</i>	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
<i>9-1-1 Funds</i>	485,478	198,000		30,000			228,000	
<i>Grants & Contributions</i>	10,000	225,000	300,000	3,412,500	242,500	125,000	4,305,000	3,082,500
<i>User Fees/Donations</i>							-	125,000
<i>Article 46 Sales Tax Proceeds</i>	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,355	14,519,207
<i>Article 46 Sales Tax Reserve Funds</i>					185,000		185,000	

	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>State Revolving Loan Funds</i>	134,200	621,250					621,250	
<i>Financing:</i>								
<i>Debt Financing - County Capital</i>	4,529,450	2,654,000	5,922,000	15,625,069	12,814,000	38,848,508	75,863,577	35,014,760
<i>Debt Financing - W & S Utilities</i>	4,256,046		5,186,000	2,500,000			7,686,000	1,000,000
<i>Debt Financing - Solid Waste</i>		150,000	1,687,868	288,517			2,126,385	
<i>Debt Financing - Sportsplex</i>			950,000	1,900,000	900,000		3,750,000	
<i>Debt Financing - E-9-1-1</i>		1,234,268					1,234,268	
<i>Debt Financing - Schools Capital</i>	21,500,000		4,497,224	18,969,226	27,027,452	4,968,488	55,462,390	76,698,201
Total	43,025,878	18,732,364	29,122,333	53,378,073	52,696,964	55,097,172	209,026,906	172,754,781

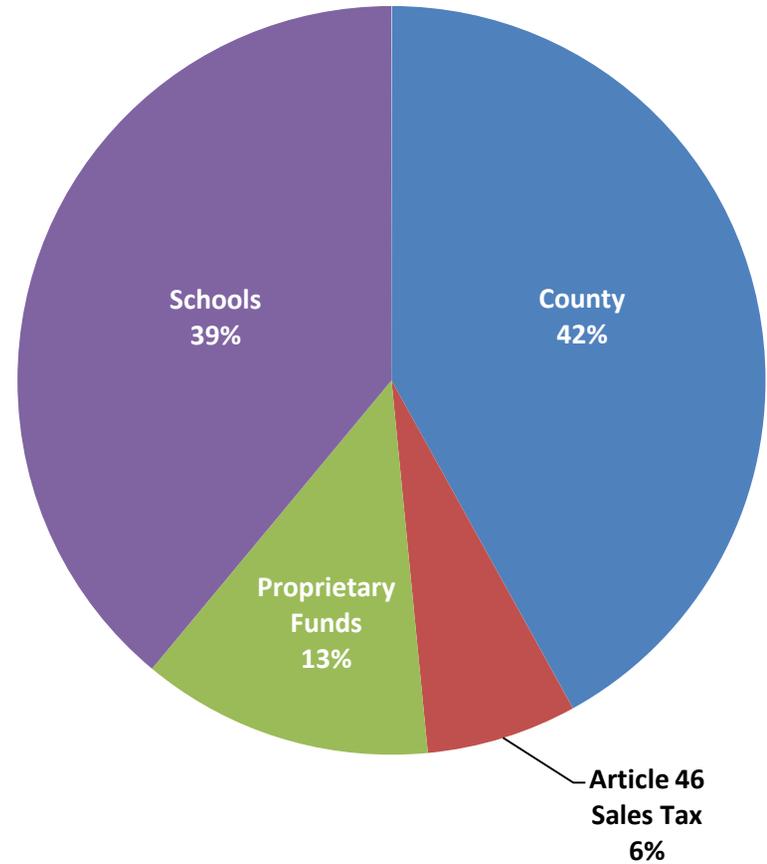
⁽¹⁾ Orange County has established three Proprietary Funds used to account for services provided to customers. All three Funds are established as enterprise funds and fees are imposed on customers to pay for the full cost of providing the services. The Water & Sewer Utilities Fund accounts for revenues 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. All three funds are included as supplemental information and are not funded by the General Fund.

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

Year 1: FY 2013-14

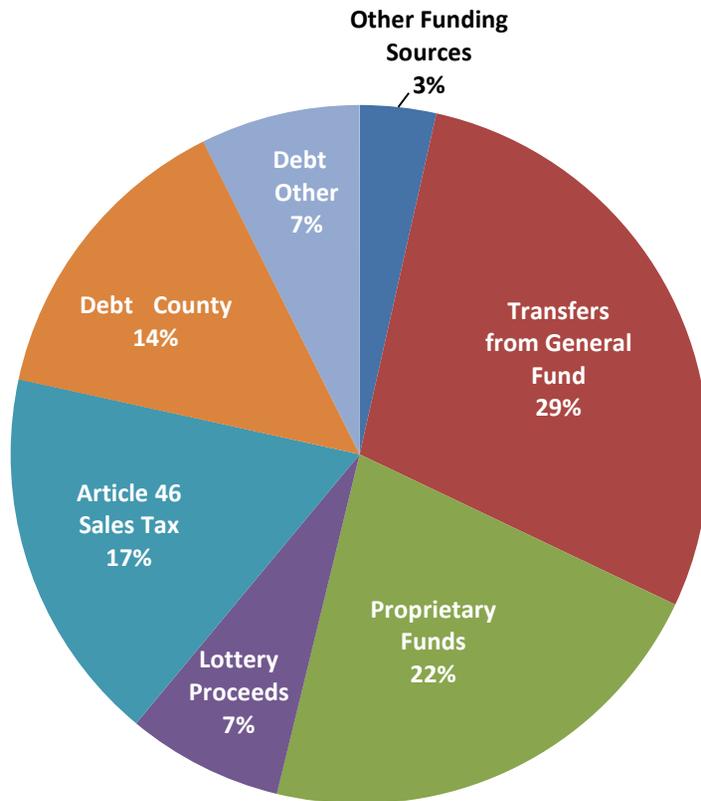


Years 1-5: 2013-2018

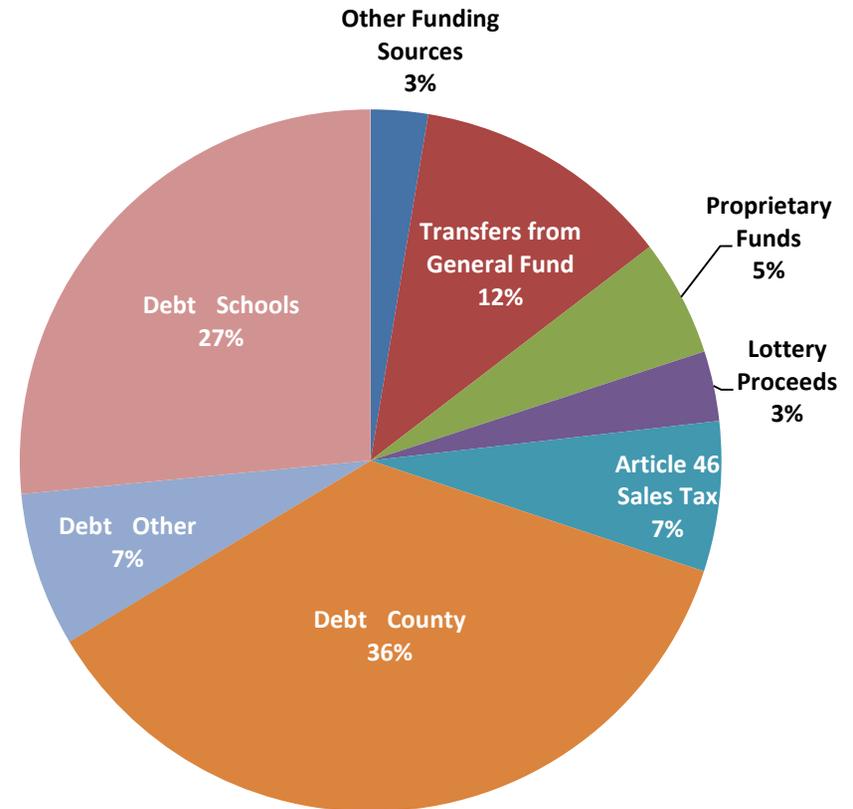


FY 2013-18 Orange County Capital Investment Plan Projects County-Wide Summary - Revenues

Year 1: FY 2013-14



Years 1-5: 2013-2018



Note:

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

Transfers from General Fund includes transfers to Water and Sewer Utilities, Solid Waste, Sportsplex and E-9-1-1 Funds.

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.

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

Project Name Functional Service Area Department	Article 46 Sales Tax Special Revenue Fund		Project Status					Approved	
	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	Starting Date Completion Date 4/1/2012 Ongoing	
Project Budget									
<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	6,798,416	7,215,590
<i>Chapel Hill-Carrboro City Schools</i>	190,625	790,500	801,900	813,471	825,216	837,136	849,236	4,126,959	4,441,123
<i>Orange County Schools</i>	121,875	509,500	516,850	524,310	531,882	539,568	547,369	2,659,979	2,862,494
<i>Total Project Budget</i>	625,000	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207
<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	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207
<i>Total</i>	625,000	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207

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.

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

Projects	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
Appropriations								
<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 & 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	
Total	4,811,146	896,250	5,536,000	2,500,000	185,000	150,000	9,267,250	1,000,000
General Fund Related Operating Costs								
<i>Personnel Services</i>								
<i>Operations</i>								
<i>New Debt Service</i>		489,282	534,714	949,594	1,149,594	1,149,594	4,272,778	5,747,970
<i>Total Operating Costs</i>		489,282	534,714	949,594	1,149,594	1,149,594	4,272,778	5,747,970
Revenues/Funding Source								
<i>Transfer from General Fund</i>	420,900	275,000	350,000			150,000	775,000	
<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	340,484	755,364	955,364	955,364	3,347,060	4,776,820
<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		5,186,000	2,500,000			7,686,000	1,000,000
Total	4,811,146	1,385,532	6,070,714	3,449,594	1,334,594	1,299,594	13,540,028	6,747,970

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

Solid Waste Capital Projects Summary - RECOMMENDED
Fiscal Years 2013-18

Projects	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
Appropriations								
<i>Environmental Support</i>			100,592				100,592	
<i>Sanitation</i>	278,895	347,090	1,894,812	505,808	522,865	156,139	3,426,714	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 & D</i>	306,492		414,533	536,828	601,861	629,617	2,182,839	2,589,239
Total	931,208	3,513,936	2,623,992	1,796,554	2,225,730	1,308,072	11,468,284	9,263,952
Revenues/Funding Source								
<i>Sold Waste Fund Balance</i>	931,208	3,363,936	936,124	1,508,037	2,225,730	1,308,072	9,341,899	4,221,038
<i>3R Fee</i>							-	5,042,914
<i>Debt Financing</i>		150,000	1,687,868	288,517			2,126,385	
<i>Grant</i>							-	
Total	931,208	3,513,936	2,623,992	1,796,554	2,225,730	1,308,072	11,468,284	9,263,952

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 closes on June 30, 2013, and closure construction costs of \$3,166,846 will be incurred in FY 2013-14.

Sportsplex Capital Projects Summary - RECOMMENDED
Fiscal Years 2013-18

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
Appropriations								
<i>Land/Building Design Construction/Repairs/Renovations</i>		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	
Total	660,000	710,000	1,175,000	2,150,000	1,210,000	375,000	5,620,000	
Revenues/Funding Source								
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								
Total	660,000	710,000	1,175,000	2,150,000	1,210,000	375,000	5,620,000	

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.

Schools Capital Projects Summary - RECOMMENDED
Fiscal Years 2013-18

Projects by School System	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
Chapel Hill Carrboro City Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	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 ⁽²⁾	815,000	839,960	839,960	839,960	839,960	839,960	4,199,800	4,199,800
Middle School #5			1,168,474	6,686,266	27,027,452	4,968,488	39,850,680	
Carrboro HS Additions								19,743,948
Elementary # 12								35,476,053
QSCBs								
Elementary # 11	21,500,000						-	
Total	24,605,782	3,130,742	4,333,578	9,886,247	30,262,833	8,239,801	55,853,200	72,134,685
Orange County Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	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 ⁽²⁾	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	
Total	1,940,417	1,947,918	5,298,179	14,274,223	2,013,424	2,035,917	25,569,661	32,007,177
Total all Schools	26,546,199	5,078,660	9,631,757	24,160,470	32,276,257	10,275,718	81,422,861	104,141,862
Revenues/Funding Source								
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		4,497,224	18,969,226	27,027,452	4,968,488	55,462,390	76,698,201
QSCBs	-							
Total	26,546,199	5,078,660	9,631,757	24,160,470	32,276,257	10,275,718	81,422,861	104,141,862

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⁾ 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.

⁽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).

County Capital Projects

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

Projects	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
Appropriations								
<i>Emergency Services 510 Meadowlands</i>	37,500	100,000					100,000	
<i>Northern Human Services Center</i>	250,000		2,000,000				2,000,000	
<i>Seymour Senior Center</i>	70,000						-	
<i>Southern Orange Campus (Future Planning)</i>	300,000		400,000	3,600,000			4,000,000	
<i>Southern Human Services (Expansion)</i>					6,650,000		6,650,000	
<i>Southern Library</i>	50,000	600,000		525,000	3,500,000	3,500,000	8,125,000	
<i>Upfit of Link Gov Services Center</i>	25,000						-	
<i>HVAC Projects - Geothermal</i>	1,759,200	110,000	52,500	20,000			182,500	1,610,760
<i>Roofing Projects</i>	165,000	115,000	179,010	390,569	389,500	87,800	1,161,879	
<i>Affordable Housing</i>	170,000	170,000					170,000	
<i>Information Technology</i>	950,000	700,000	500,000	500,000	500,000	500,000	2,700,000	2,500,000
<i>Register of Deeds Automation</i>	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
<i>Animal Services Facility</i>					100,000		100,000	
<i>Proposed Jail</i>		250,000		500,000	500,000	29,000,000	30,250,000	
<i>Whitted Building</i>	295,000	150,000		1,400,000			1,550,000	
<i>Energy Bank</i>	50,000	50,000	50,000				100,000	
<i>Environment and Agriculture Center</i>						1,353,508	1,353,508	
<i>Government Services Center Annex</i>						350,000	350,000	
<i>Historic Rogers Road Community Center</i>	650,000							
<i>Viper Radio System</i>	543,750	500,000	500,000		500,000	500,000	2,000,000	1,000,000
<i>Communication System Improvements</i>	753,875	1,725,268	122,000	307,000	39,000	920,000	3,113,268	
<i>EMS Substations</i>	50,000	875,000		875,000		875,000	2,625,000	875,000
<i>Blackwood Farm Park</i>	50,000	100,000	500,000	3,400,000	1,300,000	2,100,000	7,400,000	600,000
<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	1,250,000	1,250,000
<i>Upper Eno Nature Preserve-Public Access Area</i>				440,000			440,000	440,000
<i>Eurosport Soccer Center Phase II</i>			145,000	942,000		675,000	1,762,000	4,639,000
<i>Lands Legacy</i>			2,400,000				2,400,000	2,000,000
<i>Millhouse Road Park</i>			100,000	6,400,000			6,500,000	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		560,000	165,000
<i>Northeast District Park</i>							-	8,000,000
<i>River Park Phase II</i>				250,000			250,000	
<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			175,000	250,000
Total	7,477,325	5,895,268	7,478,510	20,054,569	14,043,500	40,191,308	87,663,155	43,829,760

Projects	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
Revenues/Funding Source								
Available Project Balances	450,000	164,000					164,000	
Transfer from Capital Reserve	50,000							
Transfer from General Fund	1,254,397	1,345,000	1,176,510	907,000	907,000	712,800	5,048,310	5,207,500
Transfer from Other Projects	623,000					425,000	425,000	
Register of Deeds Fees	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
User Fees/Donations								125,000
County Capital Fund Balance								
Visitors Bureau Fund Balance								
9-1-1 Funds	485,478	198,000		30,000			228,000	
Grant Funding from State/Fed for Parks		200,000	250,000	125,000	125,000	125,000	825,000	1,375,000
Contributions from Other Infrastructure Partners	10,000	25,000	50,000	3,287,500	117,500		3,480,000	1,707,500
Debt Financing - E-9-1-1		1,234,268					1,234,268	
Debt Financing	4,529,450	2,654,000	5,922,000	15,625,069	12,814,000	38,848,508	75,863,577	35,014,760
Total	7,477,325	5,895,268	7,478,510	20,054,569	14,043,500	40,191,308	87,663,155	43,829,760
		-	-	-	-	-	-	-

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

Related Operating Costs	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>Personnel Services</i>							
<i>Blackwood Farm Park</i>	12,000	12,000	12,000	65,000	65,000	166,000	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	55,000	55,000	125,000	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 Library</i>		41,856	41,856	92,256	428,256	604,224	3,821,280
<i>Upfit of Link Gov Services Center</i>						-	
<i>HVAC Projects - Geothermal</i>	168,883	168,883	168,883	168,883	168,883	844,415	1,617,580
<i>Roofing Projects</i>	15,840	15,840	15,840	50,215	50,215	147,950	251,075
<i>Information Technology</i>	260,892	304,284	304,284	304,284	304,284	1,478,028	588,492
<i>Proposed Jail</i>		24,000	24,000	72,000	144,000	264,000	14,520,000
<i>Whitted Building</i>	28,320	28,320	28,320	162,720	162,720	410,400	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	337,997	337,997	337,997	337,997	1,387,789	1,306,416
<i>EMS Substations</i>		84,000	84,000	168,000	168,000	504,000	1,680,000
<i>Blackwood Farm Park</i>		9,600	57,600	384,000	508,800	960,000	3,552,000
<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

Related Operating Costs	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>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 & 4</i>				200,000	200,000	400,000	1,000,000
<i>Efland Sewer Flow to Mebane</i>			274,880	274,880	274,880	824,640	1,374,400
<i>Hillsborough EDD</i>						-	-
<i>Eno EDD</i>			140,000	140,000	140,000	420,000	700,000
<i>Total</i>	1,238,399	1,898,027	2,940,859	4,802,274	6,082,626	16,962,185	48,446,520
<i>Revenues/Funding Source</i>							
<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	1,267,095	1,885,047	3,358,462	4,638,814	12,026,333	40,533,254
<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	340,484	755,364	955,364	955,364	3,347,060	4,776,818
<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>	1,238,399	1,898,027	2,940,859	4,802,274	6,082,626	16,962,185	48,446,520

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

Project Name	Emergency Services Meadowlands						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2012	
Department	Asset Management Services						Completion Date	6/30/2014	
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>	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>	3,531,714	37,500	100,000	-	-	-	-	100,000	-
<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>	3,531,714	37,500	100,000	-	-	-	-	100,000	-

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	Northern Human Services Center						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2012	
Department	Asset Management Services						Completion Date	6/30/2015	
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>	714,545	250,000		2,000,000				2,000,000	
<i>Equipment/Furnishings</i>								-	
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget</i>	714,545	250,000	-	2,000,000	-	-	-	2,000,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>					192,000	192,000	192,000	576,000	960,000
<i>Total Operating Costs</i>			-	-	192,000	192,000	192,000	576,000	960,000
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>	396,545				192,000	192,000	192,000	576,000	960,000
<i>Available Project Balance</i>		250,000						-	
<i>Debt Financing</i>	318,000			2,000,000				2,000,000	
<i>Total</i>	714,545	250,000	-	2,000,000	192,000	192,000	192,000	2,576,000	960,000

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**

Project Name	<i>Robert & Pearl Seymour Senior 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>6/30/2013</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>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Generator</i>		70,000						-	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>		70,000	-	-	-	-	-	-	-
<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>		70,000	-	-	-	-	-	-	-

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**

Project Name	Southern Orange Campus future planning						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2011	
Department	Asset Management Services						Completion Date	7/1/2017	
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 - 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>	100,000	300,000	-	400,000	3,600,000	-	-	4,000,000	-
<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>			28,800	28,800	67,200	412,800	412,800	950,400	2,064,000
<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	
Total	100,000	300,000	28,800	428,800	3,667,200	412,800	412,800	4,950,400	2,064,000

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	Southern Human Services Center Expansion						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2011	
Department	Asset Management Services						Completion Date	7/1/2017	
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 & 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>	180,000	-	-	-	-	6,650,000	-	6,650,000	-
<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>			17,280	17,280	17,280	17,280	655,680	724,800	3,278,400
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>			17,280	17,280	17,280	17,280	655,680	724,800	3,278,400
<i>Transfer from Other Projects</i>									
<i>Debt Financing</i>	180,000					6,650,000		6,650,000	
<i>Total</i>	180,000	-	17,280	17,280	17,280	6,667,280	655,680	7,374,800	3,278,400

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**

Project Name	Southern Library							Project Status	Approved
Functional Service Area	Governing and Management							Starting Date	7/1/2011
Department	Asset Management Services							Completion Date	7/1/2018
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>	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	7,000,000	
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget</i>	50,000	50,000	600,000	-	525,000	3,500,000	3,500,000	8,125,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>								-	
<i>Operations</i>								-	
<i>New Debt Service</i>				41,856	41,856	92,256	428,256	604,224	3,821,280
<i>Total Operating Costs</i>			-	41,856	41,856	92,256	428,256	604,224	3,821,280
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>				41,856	41,856	92,256	428,256	604,224	3,821,280
<i>Available Project Balances</i>	50,000	50,000	164,000					164,000	
<i>Debt Financing</i>			436,000		525,000	3,500,000	3,500,000	7,961,000	
<i>Total</i>	50,000	50,000	600,000	41,856	566,856	3,592,256	3,928,256	8,729,224	3,821,280

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 to FY 2014-2015. For FY 2013-14, the \$600,000 includes possible land purchase and design costs.

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

Project Name	Up fit of Link Government Services Center						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2000	
Department	Asset Management Services						Completion Date	Ongoing	
	Prior Years	Current	Year 1	Year 2	Year 3	Year 4	Year 5	Five	Year 6
Project Budget	Funding	Fiscal Year	Year	to					
		2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total	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>	1,727,662	25,000	-	-	-	-	-	-	-
<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>	1,727,662	25,000	-	-	-	-	-	-	-

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 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
Project Budget									
<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	
<i>Total Project Budget Geothermal</i>	617,223	1,759,200	110,000	52,500	20,000	-	-	182,500	1,610,760
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			168,883	168,883	168,883	168,883	168,883	844,416	1,617,580
<i>Total Operating Costs</i>			168,883	168,883	168,883	168,883	168,883	844,416	1,617,580
<i>Revenues/Funding Source</i>									
Transfer from General Fund	617,223		110,000	52,500	20,000			182,500	
General Fund - Debt Service			168,883	168,883	168,883	168,883	168,883	844,416	1,617,580
Available Funds Within the Project									
Grant Funding ECCBG									
Debt Financing		1,759,200						-	1,610,760
<i>Total</i>	617,223	1,759,200	278,883	221,383	188,883	168,883	168,883	1,026,916	3,228,340

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 Year 6 to Year 10
	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	
Project Budget									
<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						-	
Total Project Budget	1,508,100	165,000	115,000	179,010	390,569	389,500	87,800	1,161,879	-
<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
Total Operating Costs			15,840	15,840	15,840	50,215	50,215	147,949	251,075
<i>Revenues/Funding Source</i>									
Transfer from General Fund	1,488,100	-	115,000	179,010	32,500	64,500	87,800	478,810	
General Fund - Debt Service			15,840	15,840	15,840	50,215	50,215	147,949	251,075
Debt Financing		165,000			358,069	325,000		683,069	
Total	1,488,100	165,000	130,840	194,850	406,409	439,715	138,015	1,309,828	251,075

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	Affordable Housing						Project Status	Approved	
Functional Service Area	Community and Environment						Starting Date	7/1/1997	
Department	Housing, Human Rights and Community Development						Completion Date	Ongoing	
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>	6,285,000	170,000	170,000	-	-	-	-	170,000	-
<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>	6,285,000	170,000	170,000	-	-	-	-	170,000	-

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 recommended to pay future impact fee reimbursements.

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

Project Name	Information Technology						Project Status	Approved	
Functional Service Area	General Services						Starting Date	7/1/1990	
Department	Information Technologies						Completion Date	Ongoing	
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>Equipment/Furnishings - Infrastructure</i>	3,371,613	650,000	650,000	450,000	450,000	450,000	450,000	2,450,000	2,250,000
<i>Library Management Systems Software</i>		250,000						-	
<i>BOCC Initiatives</i>		50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000
<i>Total Project Budget</i>	3,371,613	950,000	700,000	500,000	500,000	500,000	500,000	2,700,000	2,500,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>		108,480	260,892	304,284	304,284	304,284	304,284	1,478,028	588,492
<i>Total Operating Costs</i>		108,480	260,892	304,284	304,284	304,284	304,284	1,478,028	588,492
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	3,371,613	155,980	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
<i>General Fund - Debt Service</i>			260,892	304,284	304,284	304,284	304,284	1,478,028	588,492
<i>Available Project Balance</i>		200,000						-	
<i>Debt Financing</i>		702,500	200,000					200,000	
<i>Total</i>	3,371,613	1,058,480	960,892	804,284	804,284	804,284	804,284	4,178,028	3,088,492

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 backup data system replacement, SAN expansion, network replacements (replace aging switches, routers, and hubs), server replacements, and desktop/laptop replacements.

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

Project Name	Register of Deeds Automation						Project Status	Approved	
Functional Service Area	General Services						Starting Date	7/1/1990	
Department	Register of Deeds						Completion Date	Ongoing	
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>	865,514	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
<i>Total Project Budget</i>	865,514	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
<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>	865,514	75,000	75,000	80,000	80,000	80,000	80,000	395,000	400,000
<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

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**

Project Name	<i>Animal Services Facility</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Governing and Management</i>						Starting Date	<i>7/1/2016</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>6/30/2017</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>	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>	9,168,864	-	-	-	-	100,000	-	100,000	-
<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>	9,168,864	-	-	-	-	100,000	-	100,000	-

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	Proposed Jail Governing and Management Asset Management Services						Project Status	Proposed	
Functional Service Area	Prior Years	Current	Year 1	Year 2	Year 3	Year 4	Starting Date	7/1/2013	
Department	Funding	Fiscal Year	Completion Date	6/30/2018					
Project Budget		2012-13	2013-14	2014-15	2015-16	2016-17	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>	-	-	250,000	-	500,000	500,000	29,000,000	30,250,000	-
<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	14,520,000
<i>Total Operating Costs</i>			-	24,000	24,000	72,000	144,000	264,000	14,520,000
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>				24,000	24,000	72,000	144,000	264,000	14,520,000
<i>Transfer from Projects</i>									
<i>Debt Financing</i>			250,000		500,000	500,000	29,000,000	30,250,000	
<i>Total</i>	-	-	250,000	24,000	524,000	572,000	29,144,000	30,514,000	14,520,000

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**

Project Name	Whitted Building						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2012	
Department	Asset Management Services						Completion Date	6/30/2016	
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>Professional Services - Design work</i>			150,000					150,000	
<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>		295,000	150,000	-	1,400,000	-	-	1,550,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>			28,320	28,320	28,320	162,720	162,720	410,400	813,600
<i>Total Operating Costs</i>			28,320	28,320	28,320	162,720	162,720	410,400	813,600
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	-		150,000					150,000	
<i>General Fund - Debt Service</i>			28,320	28,320	28,320	162,720	162,720	410,400	813,600
<i>Debt Financing</i>		295,000			1,400,000			1,400,000	
<i>Total</i>		295,000	178,320	28,320	1,428,320	162,720	162,720	1,960,400	813,600

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 requested for FY 2015-16 would provide 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**

Project Name	Energy Bank						Project Status	Approved	
Functional Service Area	Governing and Management						Starting Date	7/1/2012	
Department	Asset Management Services						Completion Date	6/30/2015	
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 Construction/Repairs/Renovations</i>		50,000	50,000	50,000				100,000	
<i>Total Project Budget:</i>			50,000	50,000	-	-	-	100,000	-
<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>			50,000	50,000	-	-	-	100,000	-

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>			-	-	-	-	1,353,508	1,353,508	-
<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>			-	-	-	-	-	-	649,685
<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>			-	-	-	-	1,353,508	1,353,508	649,685

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.

County Capital Projects
Fiscal Years 2013-18

Project Name Functional Service Area Department	Government Services Annex Governing and Management Asset Management Services		Project Status					New/Proposed	
	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 6/30/2018
Project Budget									
<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>			-	-	-	-	350,000	350,000	-
<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>			-	-	-	-	-	-	168,000
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>									168,000
<i>Debt Financing</i>							350,000	350,000	
<i>Total</i>			-	-	-	-	350,000	350,000	168,000

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**

Project Name	<i>Historic Rogers Road Neighborhood Community Center</i>						Project Status	New	
Functional Service Area	<i>Governing and Management</i>						Starting Date		
Department	<i>Asset Management Services</i>						Completion Date		
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>		650,000							
<i>Construction/Repairs/Renovations</i>									
<i>HVAC Replacement</i>									
<i>Total Project Budget:</i>		650,000	-	-	-	-	-	-	-
<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>		650,000	-	-	-	-	-	-	-

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**

Project Name	<i>Viper Radio System</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Public Safety</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>Emergency Services</i>						Completion Date	<i>6/30/2020</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>Additional Channels on Existing Towers</i>		543,750							
<i>Towers</i>			500,000	500,000		500,000	500,000	2,000,000	1,000,000
<i>Total Project Budget</i>	-	543,750	500,000	500,000	-	500,000	500,000	2,000,000	1,000,000
<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>			118,701	227,853	337,005	337,005	446,157	1,466,721	1,309,824
<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>	-	543,750	618,701	727,853	337,005	837,005	946,157	3,466,721	2,309,824

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**

Project Name	Communication System Improvements						Project Status	Approved	
Functional Service Area	Public Safety						Starting Date	7/1/2012	
Department	Emergency Services						Completion Date	6/30/2018	
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
OSSI-CAD Replacement		589,875						-	
800 Mhz Radios		164,000	143,000	122,000	127,000	39,000	920,000	1,351,000	
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)			832,268					832,268	
P25 Compliant Radios (Rural Fire Districts)			150,000					150,000	
Total Project Budget	-	753,875	1,725,268	122,000	307,000	39,000	920,000	3,113,268	-
General Fund Related Operating Costs									
Personnel Services									
Operations									
New Debt Service			35,801	337,997	337,997	337,997	337,997	1,387,789	1,306,416
Total Operating Costs			35,801	337,997	337,997	337,997	337,997	1,387,789	1,306,416
Revenues/Funding Source									
Transfer from General Fund		104,397							
General Fund - Debt Service			35,801	68,549	68,549	68,549	68,549	309,997	1,036,968
From 9-1-1 Funds - Debt Service				269,448	269,448	269,448	269,448	1,077,792	269,448
From 9-1-1 Funds		485,478	198,000		30,000			228,000	
Capital Projects Fund Balance									
Debt Financing - E-9-1-1			1,234,268					1,234,268	
Debt Financing		164,000	293,000	122,000	277,000	39,000	920,000	1,651,000	
Total	-	753,875	1,761,069	459,997	644,997	376,997	1,257,997	4,501,057	1,306,416

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 Year 1 (FY 2012-13) includes funding to replace 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, the request is being made 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>Emergency Services Substations (4 locations TBD)</i>						Project Status	<i>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>6/30/2020</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 Construction/Repairs/Renovations</i>	50,000	875,000	-	875,000		875,000	2,625,000	875,000	
<i>Total Project Budget:</i>	50,000	875,000	-	875,000	-	875,000	2,625,000	875,000	
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services Operations</i>									
<i>New Debt Service</i>			84,000	84,000	168,000	168,000	504,000	1,680,000	
<i>Total Operating Costs</i>			-	84,000	84,000	168,000	168,000	504,000	1,680,000
<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	168,000	504,000	1,680,000	
<i>Debt Financing</i>		875,000		875,000		875,000	2,625,000	875,000	
<i>Total</i>	50,000	875,000	84,000	959,000	168,000	1,043,000	3,129,000	2,555,000	

Project Description/Justification

Funding for this project would allow construction of four (4) 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 2013-14. 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**

Project Name	Blackwood Farm Park						Project Status	Approved/Proposed	
Functional Service Area	Community and Environment						Starting Date	7/1/2012	
Department	DEAPR						Completion Date	7/1/2018	
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	100,000	500,000	3,000,000	1,300,000	2,000,000	6,900,000	600,000
Equipment/Furnishings					400,000		100,000	500,000	
Total Project Budget	-	50,000	100,000	500,000	3,400,000	1,300,000	2,100,000	7,400,000	600,000
<i>General Fund Related Operating Costs</i>									
Personnel Services		12,000	12,000	12,000	12,000	65,000	65,000	166,000	325,000
Operations		-	5,000	5,000	5,000	55,000	55,000	125,000	275,000
New Debt Service				9,600	57,600	384,000	508,800	960,000	3,552,000
Total Operating Costs		12,000	17,000	26,600	74,600	504,000	628,800	1,251,000	4,152,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund		62,000	13,000	13,000	13,000	116,000	116,000	271,000	580,000
General Fund - Debt Service				9,600	57,600	384,000	508,800	960,000	3,552,000
Grants (PARTF), User Fees		-	4,000	4,000	4,000	4,000	4,000	20,000	20,000
Future Debt Issuance			100,000	500,000	3,400,000	1,300,000	2,100,000	7,400,000	600,000
Total		62,000	117,000	526,600	3,474,600	1,804,000	2,728,800	8,651,000	4,752,000

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 is planned for two phases (Year 3 and Year 5, with design work beginning Year 1), with the bulk of park construction in Year 4.

County Capital Projects
Fiscal Years 2013-18

Project Name	<i>Bingham District Park</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>unknown</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>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>									
	-	-	-	-	-	-	-	-	7,000,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>									
	-	-	-	-	-	-	-	-	246,000
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>									
<i>Future Debt Issuance</i>									
<i>Total</i>									
	-	-	-	-	-	-	-	-	7,246,000

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

Project Name	<i>Cedar Grove Park, Phase II</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>unknown</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									-
Construction/Repairs/Renovations	1,848,000	-							1,600,000
Equipment/Furnishings									
<i>Total Project Budget</i>	1,848,000	-	-	-	-	-	-	-	1,600,000
<i>General Fund Related Operating Costs</i>									
Personnel Services									20,000
Operations									
New Debt Service									
<i>Total Operating Costs</i>			-	-	-	-	-	-	20,000
<i>Revenues/Funding Source</i>									
Transfer from Other Funds	148,000	-							20,000
Grant Funding	500,000								500,000
Debt Financing	1,200,000								1,100,000
<i>Total</i>	1,848,000	-	-	-	-	-	-	-	1,620,000

Project Description/Justification

Phase II of Cedar Grove Park, opened in 2008, would 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>	5,878,181	-	250,000	250,000	250,000	250,000	250,000	1,250,000	1,250,000
<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>	5,878,181	-	250,000	250,000	250,000	250,000	250,000	1,250,000	1,250,000

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**

Project Name	Upper Eno Nature Preserve - Public Access Area						Project Status	Approved	
Functional Service Area	Community and Environment						Starting Date	7/1/2015	
Department	DEAPR						Completion Date	7/1/2019	
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>					400,000			400,000	400,000
<i>Equipment/Furnishings</i>					40,000			40,000	40,000
<i>Total Project Budget</i>	-		-	-	440,000	-	-	440,000	440,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>						80,000	80,000	160,000	400,000
<i>Operations</i>						10,000	10,000	20,000	80,000
<i>New Debt Service</i>						42,240	42,240	84,480	211,200
<i>Total Operating Costs</i>			-	-	-	132,240	132,240	264,480	691,200
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>						90,000	90,000	180,000	480,000
<i>General Fund - Debt Service</i>						42,240	42,240	84,480	211,200
<i>Future Debt Issuance</i>					440,000			440,000	440,000
<i>Total</i>	-		-	-	440,000	132,240	132,240	704,480	1,131,200

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	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>	-	-	-	145,000	942,000	-	675,000	1,762,000	4,639,000
<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>			-	-	-	81,800	81,800	163,600	725,000
<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>	-	-	-	145,000	942,000	81,800	756,800	1,925,600	5,364,000

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**

Project Name Functional Service Area Department	<i>Lands Legacy Program Community and Environment DEAPR</i>						Project Status Starting Date Completion Date	<i>Approved 4/1/2000 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>									
Land/Building	6,010,452			2,400,000				2,400,000	2,000,000
Construction/Repairs/Renovations									
Equipment/Furnishings									
Total Project Budget	6,010,452	-	-	2,400,000	-	-	-	2,400,000	2,000,000
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service					230,400	230,400	230,400	691,200	1,152,000
Total Operating Costs			-	-	230,400	230,400	230,400	691,200	1,152,000
<i>Revenues/Funding Source</i>									
Transfer from General fund	1,110,452								
General Fund - Debt Service					230,400	230,400	230,400	691,200	1,152,000
Debt Financing	4,900,000			2,400,000				2,400,000	-
Pay-as-you-go funding beginning Year 7									2,000,000
Projected Grant Funding									
Total	6,010,452	-	-	2,400,000	230,400	230,400	230,400	3,091,200	3,152,000

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 and recommended in FY 2014-15 (Year 2).**

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

Project Name	Millhouse Road Park						Project Status		Approved
Functional Service Area	Community and Environment						Starting Date	7/12/2014	
Department	DEAPR						Completion Date		7/1/2019
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									
Total Project Budget	264,802	-	-	100,000	6,400,000	-	-	6,500,000	3,000,000
<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
Total Operating Costs			-	-	-	307,200	307,200	614,400	2,076,000
<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
Total	264,802	-	-	100,000	6,400,000	307,200	307,200	7,114,400	5,076,000

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 proposed 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**

Project Name	<i>Mountains to Sea Trail</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2013</i>	
Department	<i>DEAPR</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>									500,000
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-	-	-	-	-	-	-	-	500,000
<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>	-	-	-	-	-	-	-	-	500,000

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	New Hope Preserve / Hollow Rock Public Access Area						Project Status	Approved/Proposed	
Functional Service Area	Community and Environment						Starting Date	7/12/2013	
Department	DEAPR						Completion Date	Beyond 2018	
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>				75,000				75,000	
<i>Construction/Repairs/Renovations</i>	25,000	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>	25,000	10,000	125,000	200,000	-	235,000	-	560,000	165,000
<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>	27,500	10,000	125,000	200,000	-	235,000	-	560,000	165,000

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**

Project Name	Northeast District Park						Project Status	Approved	
Functional Service Area	Community and Environment						Starting Date	unknown	
Department	DEAPR						Completion Date	7/1/2021	
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>									8,000,000
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>			-	-	-	-	-	-	8,000,000
<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>			-	-	10,000	-	-	10,000	-
<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>			-	-	10,000	-	-	10,000	8,000,000

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>	50,000	-	-	-	250,000	-	-	250,000	-
<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>		-	-	-	-	24,000	24,000	48,000	120,000
<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>	50,000	-	-	-	250,000	24,000	24,000	298,000	120,000

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 Occaneechee 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>	1,979,457	600,000	-	-	-	-	-	-	8,000,000
<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>		-	57,600	57,600	57,600	57,600	57,600	288,000	648,000
<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>	1,979,457	600,000	57,600	57,600	57,600	57,600	57,600	288,000	8,648,000

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**

Project Name	<i>Joint Artificial Turf Soccer Fields - Town of Chapel Hill</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>DEAPR</i>						Completion Date	<i>7/1/2014</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>		623,000							-
<i>Equipment/Furnishings</i>									-
<i>Total Project Budget</i>	-	623,000	-	-	-	-	-	-	-
<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>	-	623,000	-	-	-	-	-	-	-

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.

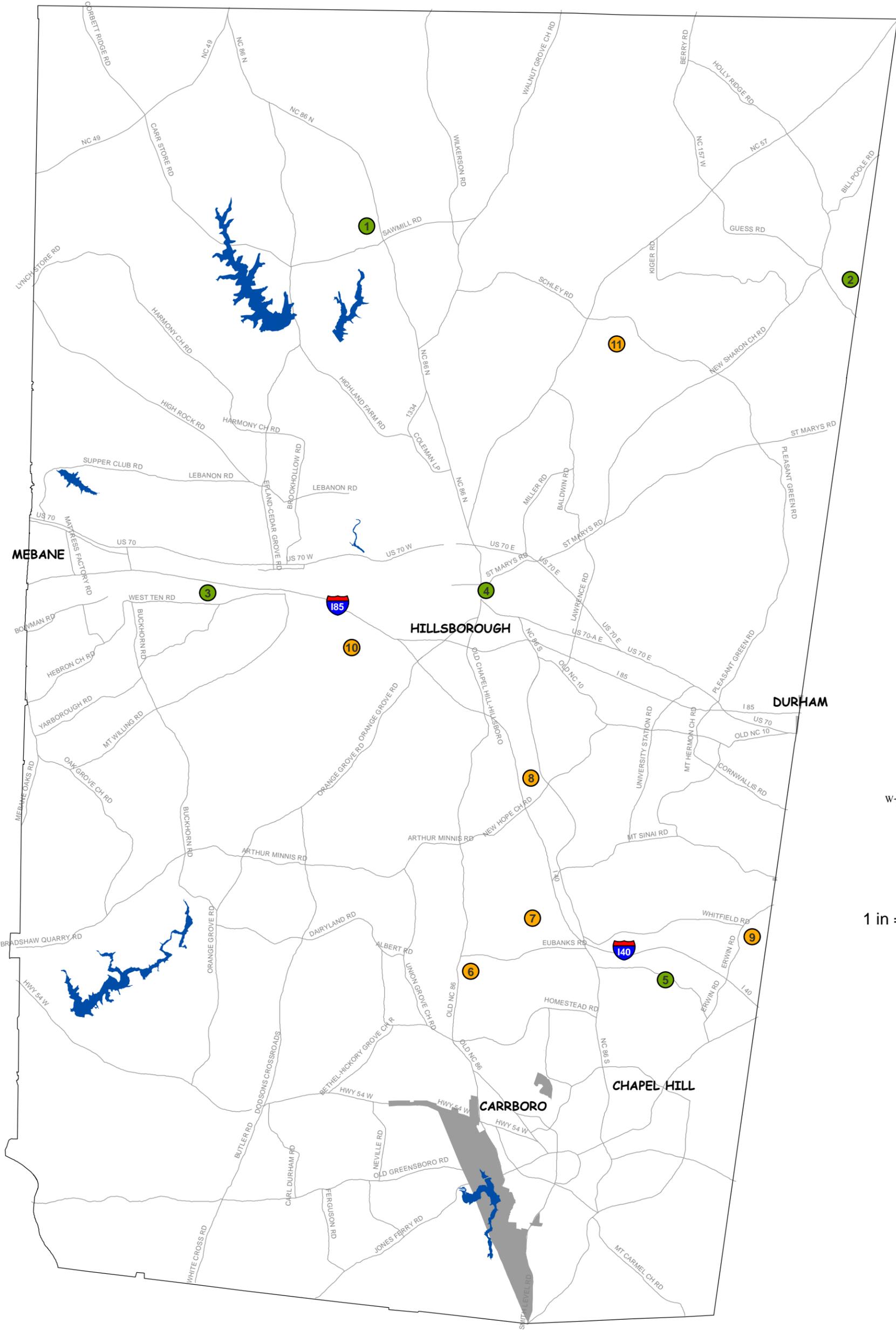
**County Capital Projects
Fiscal Years 2013-18**

Project Name	<i>Little River Park, Phase II</i>						Project Status	<i>Proposed</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>7/1/2015</i>	
Department	<i>DEAPR</i>						Completion Date	<i>7/1/2017</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>									
Professional Services					25,000			25,000	
Construction/Repairs/Renovations	1,521,720				150,000			150,000	250,000
Equipment/Furnishings								-	
Total Project Budget	1,521,720	-	-	-	175,000	-	-	175,000	250,000
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
From General Fund	4,750				87,500			87,500	125,000
Contribution from Durham County	338,662				87,500			87,500	125,000
Grant Funding	724,000								
Transfer from Payment-In-Lieu	84,514								
Bonds	369,794							-	
Total	1,521,720	-	-	-	175,000	-	-	175,000	250,000

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



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 /
New Hope Creek Preserve | | | |
| 5. Cedar Falls Park | | 10. Upper Eno Nature Preserves | | | |
| | | 11. Northeast District Park | | | |



1 in = 2 miles



DEAPR
Map prepared by Land Records/GIS Division
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Special Revenue Fund Capital Projects

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

Project Name Functional Service Area Department	Article 46 Sales Tax Special Revenue Fund		Project Status					Approved 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
Project Budget									
<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	6,798,416	7,215,590
<i>Chapel Hill-Carrboro City Schools</i>	190,625	790,500	801,900	813,471	825,216	837,136	849,236	4,126,959	4,441,123
<i>Orange County Schools</i>	121,875	509,500	516,850	524,310	531,882	539,568	547,369	2,659,979	2,862,494
<i>Total Project Budget</i>	625,000	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207
<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	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207
<i>Total</i>	625,000	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207

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.

**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
Project Budget									
<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	4,515,590
* 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
Total Economic Development - Article 46 Sales Tax	312,500	1,300,000	1,319,500	1,339,293	1,359,382	1,379,773	1,400,469	6,798,416	7,215,590
<i>Chapel Hill-Carrboro City Schools:</i>									
<i>Sidewalk Replacements (3 Schools)</i>		395,250							
<i>Technology - Student Access Computing Devices</i>		395,250	400,950	406,736	412,608	418,568	424,618	2,063,480	2,220,562
<i>Property Repairs Identified in Facilities Assessment</i>			400,950					400,950	
<i>Kitchen Equipment Replacements</i>				406,735				406,735	
<i>Sidewalks, Walkways, Canopies</i>					412,608			412,608	
<i>Replace HVAC System - Lincoln Center</i>						418,568	424,618	843,186	
<i>Facility Improvements at Older Schools</i>									2,220,562
Total Chapel Hill-Carrboro City Schools	190,625	790,500	801,900	813,471	825,216	837,136	849,236	4,126,959	4,441,123
<i>Orange County Schools:</i>									
<i>Technology - 1:1 Initiative (District-wide)</i>		509,500	516,850	524,310	531,882	539,568	547,369	2,659,979	2,862,494
Total Orange County Schools	121,875	509,500	516,850	524,310	531,882	539,568	547,369	2,659,979	2,862,494
Total Project Budget	625,000	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207

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
General Fund Related Operating Costs									
Personnel Services									
Operations									
New Debt Service									
Total Operating Costs			-	-	-	-	-	-	-
Revenues/Funding Source									
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	7,215,590
Article 46 Sales Tax - CHCCS	190,625	790,500	801,900	813,471	825,216	837,136	849,236	4,126,959	4,441,123
Article 46 Sales Tax - OCS	121,875	509,500	516,850	524,310	531,882	539,568	547,369	2,659,979	2,862,494
Total	625,000	2,600,000	2,638,250	2,677,074	2,716,480	2,756,477	2,797,074	13,585,354	14,519,207

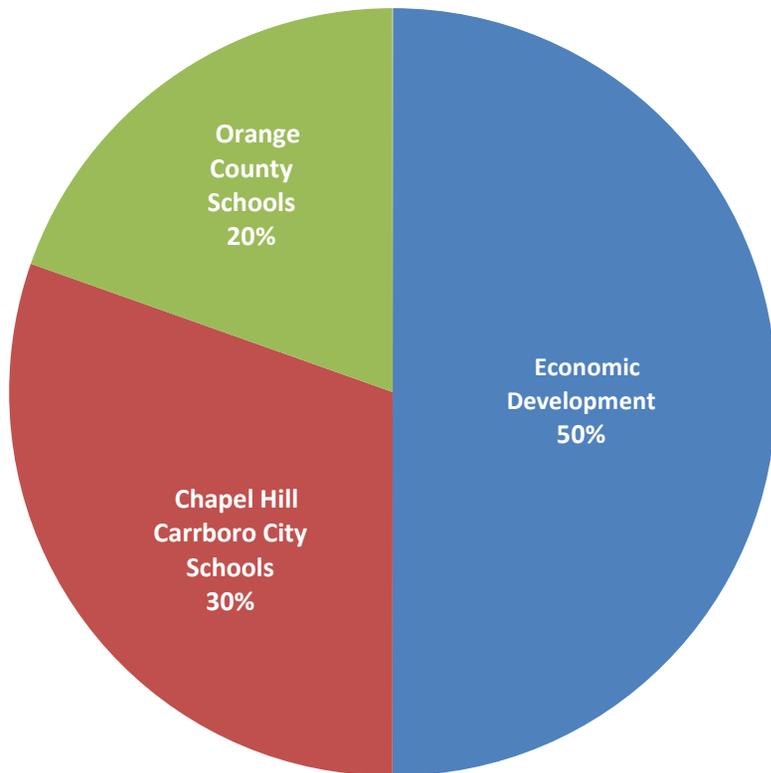
Project Description/Justification

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.

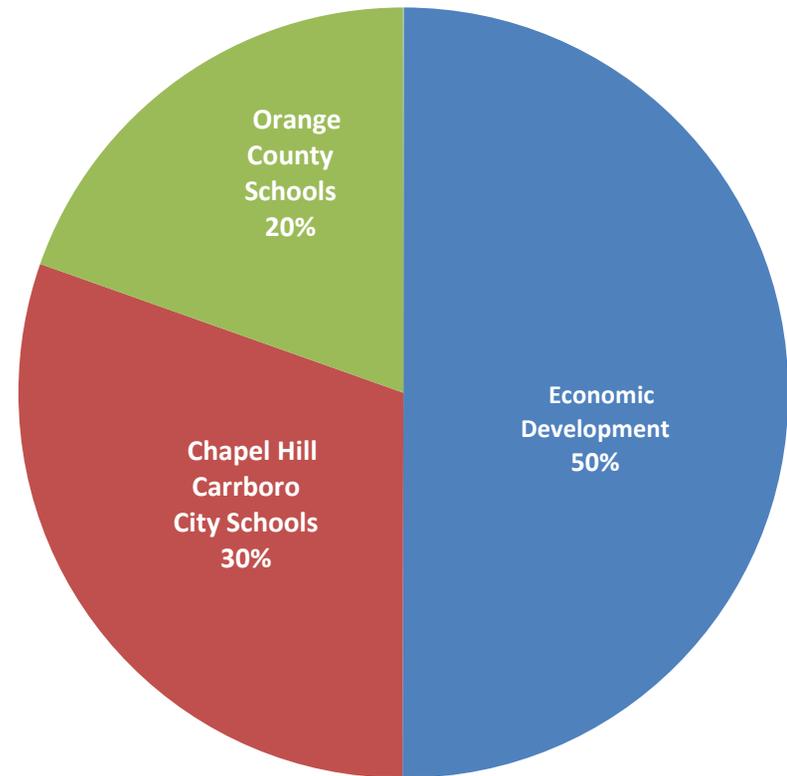
*Note: The Board of County Commissioners approved a Water and Sewer Agreement with the City of Mebane at its June 19, 2012 meeting, whereby the City of Mebane reserves 250,000 gallons per day of capacity in the Mebane water and sewer system at a cost of \$50,000 per year for a period of 10 years. At 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



Years 1-5: 2013-2018



Proprietary Funds Capital Projects

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

Projects	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
Appropriations								
<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 & 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	
Total	4,811,146	896,250	5,536,000	2,500,000	185,000	150,000	9,267,250	1,000,000
General Fund Related Operating Costs								
<i>Personnel Services</i>								
<i>Operations</i>								
<i>New Debt Service</i>		489,282	534,714	949,594	1,149,594	1,149,594	4,272,778	5,747,970
<i>Total Operating Costs</i>		489,282	534,714	949,594	1,149,594	1,149,594	4,272,778	5,747,970
Revenues/Funding Source								
<i>Transfer from General Fund</i>	420,900	275,000	350,000			150,000	775,000	
<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	340,484	755,364	955,364	955,364	3,347,060	4,776,820
<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		5,186,000	2,500,000			7,686,000	1,000,000
Total	4,811,146	1,385,532	6,070,714	3,449,594	1,334,594	1,299,594	13,540,028	6,747,970

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								-	
Total Project Budget	3,793,900	-	-	-	-	-	-	-	-
<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
Total Operating Costs			148,798	148,798	148,798	148,798	148,798	743,990	743,990
<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								-	
Total	3,793,900	-	148,798	148,798	148,798	148,798	148,798	743,990	743,990

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**

Project Name Functional Service Area Department	<i>McGowan Creek Outfall Community and Environment Planning</i>							Project Status Starting Date Completion Date	<i>Approved 8/1/2012 8/1/2014</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		94,200						-	
Land/Building		40,000						-	
Construction/Repairs/Renovations			621,250					621,250	
Equipment/Furnishings									
Total Project Budget	-	134,200	621,250	-	-	-	-	621,250	
<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
Total Operating Costs				45,432	45,432	45,432	45,432	181,728	227,160
<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	
Total		134,200	621,250	45,432	45,432	45,432	45,432	802,978	227,160

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									
Total Project Budget	277,000	69,300	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service									
Total Operating Costs			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
Transfers from General Fund	165,000	69,300						-	
County Capital Fund Balance	112,000								
Total	277,000	69,300	-	-	-	-	-	-	-

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>	335,500	4,256,046	-	-	-	-	-	-	-
<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>			340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418
<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>	335,500	4,256,046	340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418

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**

Project Name	Buckhorn-Mebane EDD Phase 3 & 4 Water and Sewer						Project Status	Approved	
Functional Service Area	Engineering						Starting Date	8/1/2014	
Department	Planning						Completion Date	12/31/2016	
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>				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>	-	-	-	350,000	2,500,000	-	-	2,850,000	
<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>						200,000	200,000	400,000	1,000,000
<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>	-	-	-	350,000	2,500,000	200,000	200,000	3,250,000	1,000,000

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	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									
<i>Total Project Budget</i>	151,600	160,000	3,436,000	-	-	-	3,596,000	-	
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service				274,880	274,880	274,880	824,640	1,374,400	
<i>Total Operating Costs</i>		-	-	274,880	274,880	274,880	824,640	1,374,400	
<i>Revenues/Funding Source</i>									
Transfer from General Fund	151,600	160,000					160,000		
Article 46 Sales Tax - Debt Service				274,880	274,880	274,880	824,640	1,374,400	
Debt Financing - Article 46 Sales Tax		-	3,436,000				3,436,000		
<i>Total</i>	151,600	160,000	3,436,000	274,880	274,880	274,880	4,420,640	1,374,400	

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	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>	-	-	-	-	185,000	-	185,000	-		
<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>	-	-	-	-	185,000	-	185,000	-		

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**

Project Name	<i>Hillsborough EDD</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Engineering</i>						Starting Date	<i>7/1/2014</i>	
Department	<i>Planning</i>						Completion Date	<i>6/30/2019</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>Professional Design Services</i>		-				100,000	100,000		
<i>Land/Building</i>		-				50,000	50,000		
<i>Construction/Repairs/Renovations</i>			-				-	1,000,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>		-	-	-	-	150,000	150,000	1,000,000	
<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>		-				150,000	150,000		
<i>Debt Financing - Article 46 Sales Tax</i>			-				-	1,000,000	
<i>Total</i>		-	-	-	-	150,000	150,000	1,000,000	

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.

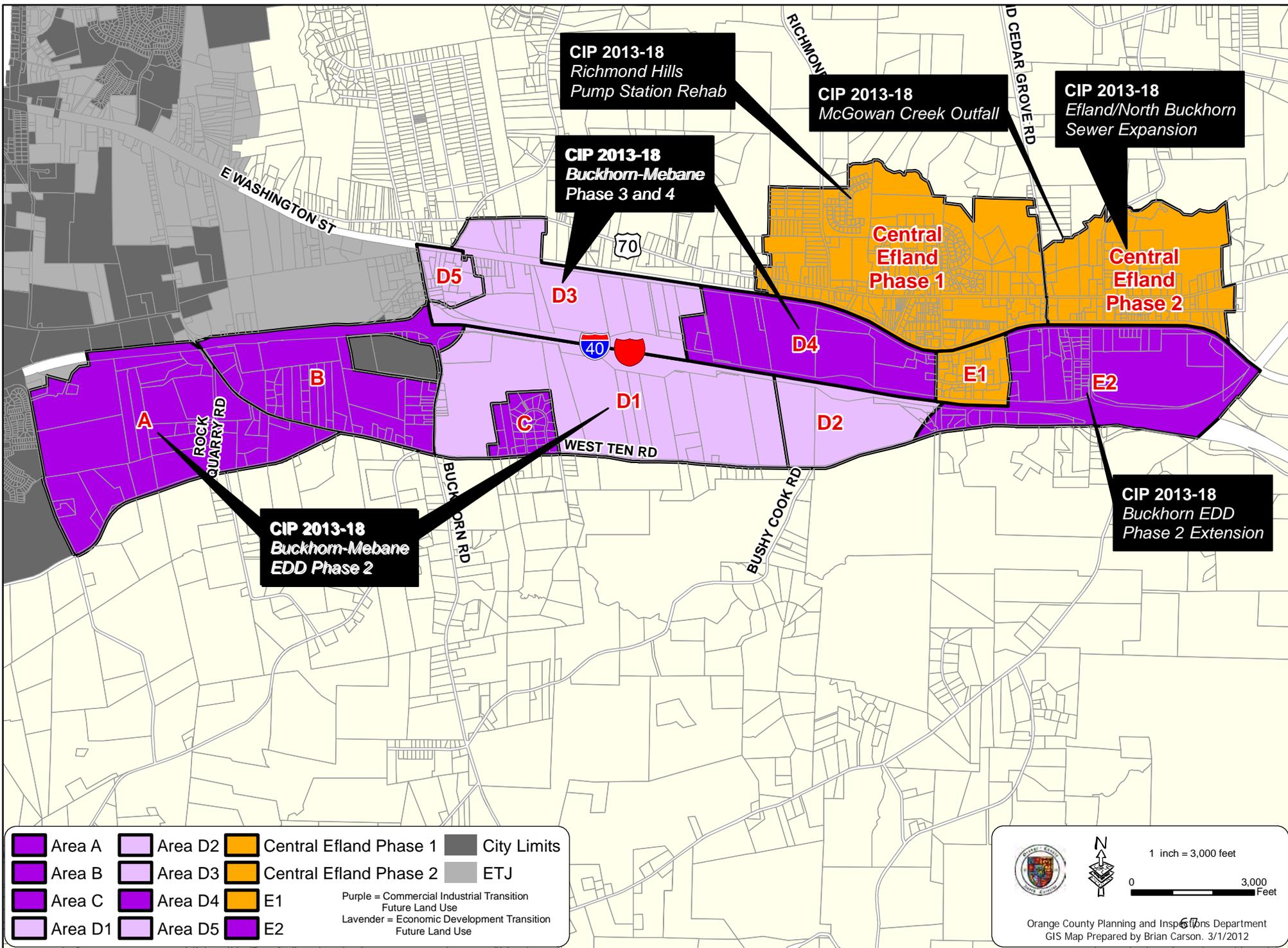
Water & Sewer Utilities Capital Projects
Fiscal Years 2013-18

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>		200,000	115,000	1,750,000	-	-	-	1,865,000	-	
<i>General Fund Related Operating Costs</i>										
Personnel Services										
Operations										
New Debt Service					140,000	140,000	140,000	420,000	700,000	
<i>Total Operating Costs</i>			-	-	140,000	140,000	140,000	420,000	700,000	
<i>Revenues/Funding Source</i>										
Transfer from General Fund		200,000	115,000	-				115,000	-	
Article 46 Sales Tax - Debt Service					140,000	140,000	140,000	420,000	700,000	
Debt Financing - Article 46 Sales Tax			-	1,750,000				1,750,000		
<i>Total</i>		200,000	115,000	1,750,000	140,000	140,000	140,000	2,285,000	700,000	

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



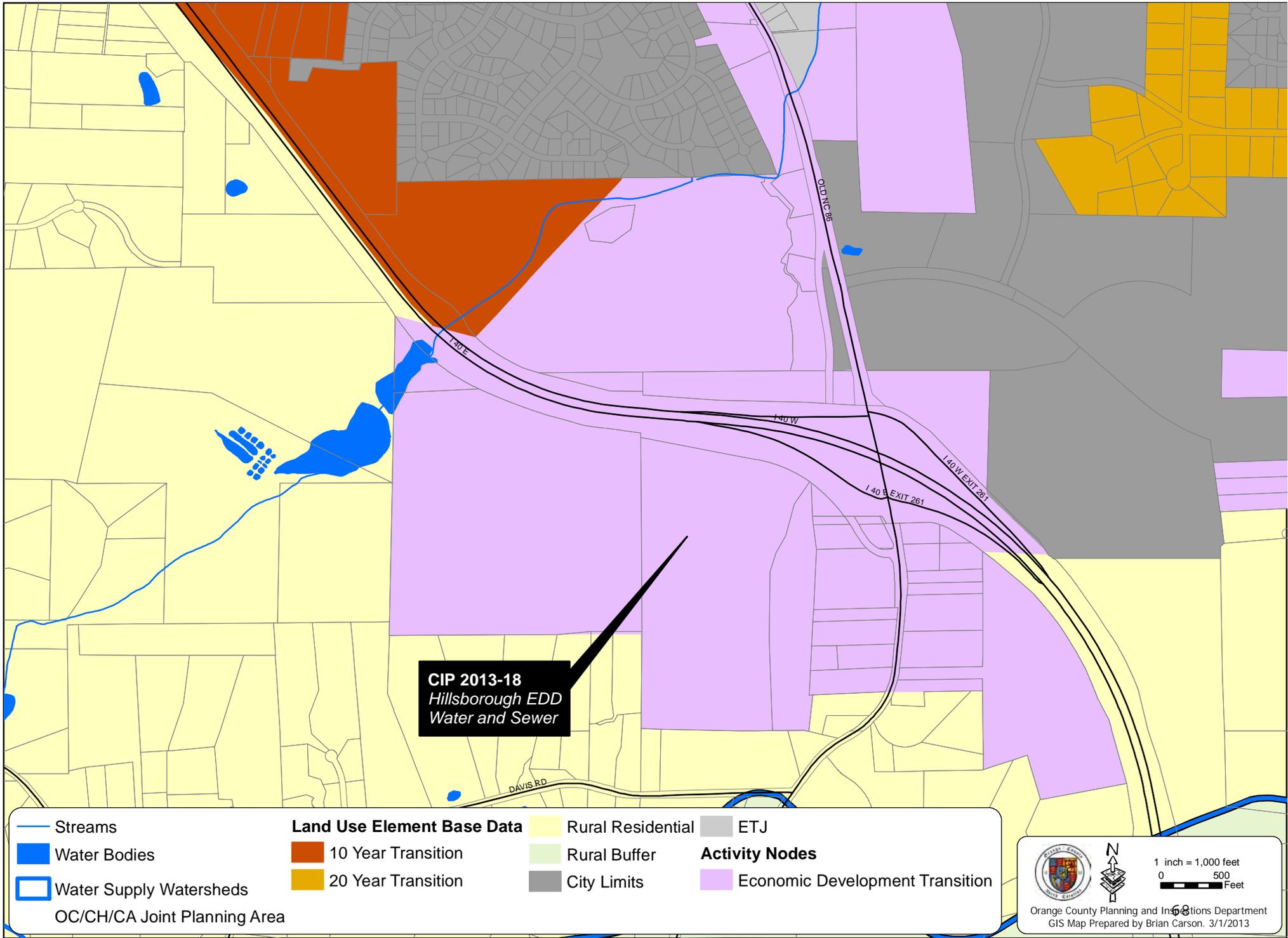
	Area A		Area D2		Central Efland Phase 1		City Limits
	Area B		Area D3		Central Efland Phase 2		ETJ
	Area C		Area D4		E1		
	Area D1		Area D5		E2		

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

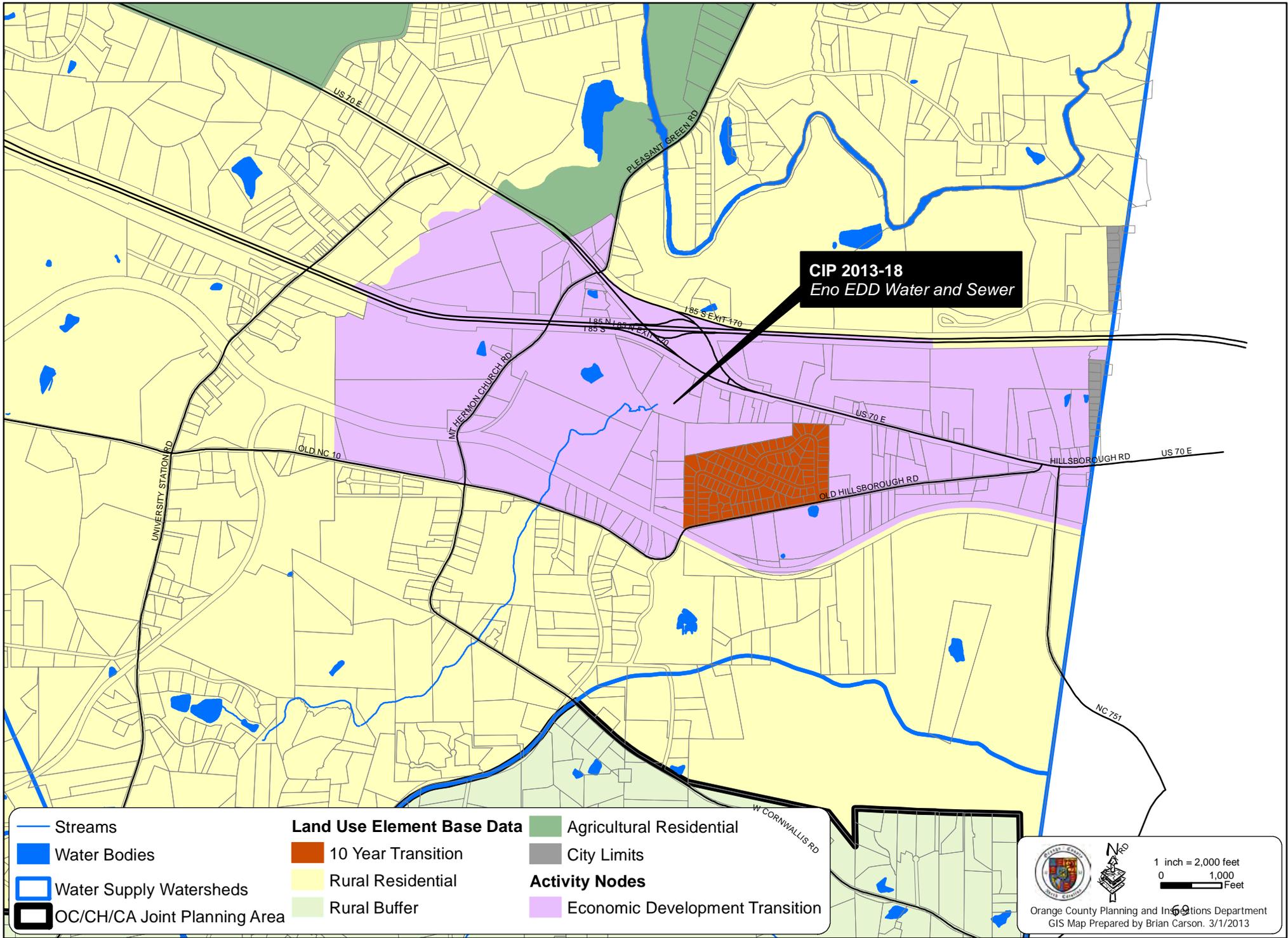
1 inch = 3,000 feet
 0 3,000 Feet

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



Solid Waste Capital Projects Summary - RECOMMENDED
Fiscal Years 2013-18

Projects	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
Appropriations								
<i>Environmental Support</i>			100,592				100,592	
<i>Sanitation</i>	278,895	347,090	1,894,812	505,808	522,865	156,139	3,426,714	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 & D</i>	306,492		414,533	536,828	601,861	629,617	2,182,839	2,589,239
Total	931,208	3,513,936	2,623,992	1,796,554	2,225,730	1,308,072	11,468,284	9,263,952
Revenues/Funding Source								
<i>Sold Waste Fund Balance</i>	931,208	3,363,936	936,124	1,508,037	2,225,730	1,308,072	9,341,899	4,221,038
<i>3R Fee</i>							-	5,042,914
<i>Debt Financing</i>		150,000	1,687,868	288,517			2,126,385	
<i>Grant</i>							-	
Total	931,208	3,513,936	2,623,992	1,796,554	2,225,730	1,308,072	11,468,284	9,263,952

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 closes 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**

Project Name	Environmental Support - Equipment Replacement						Project Status	Active	
Functional Service Area	Environmental Support						Starting Date	7/1/2014	
Department	Solid Waste Management						Completion Date	6/30/2015	
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>Equipment/Furnishings</i>				100,592				100,592	
<i>Total Project Budget</i>	-		-	100,592	-	-	-	100,592	-
<i>Revenues/Funding Source</i>									
<i>Solid Waste Fund Balance</i>				100,592				100,592	
<i>Debt Financing</i>									
<i>Total</i>	-		-	100,592	-	-	-	100,592	-

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 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
Project Budget									
<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	197,090	206,944	217,291	310,837	156,139	1,088,301	1,631,799
Total Project Budget	1,443,729	278,895	347,090	1,894,812	505,808	522,865	156,139	3,426,714	1,631,799
<i>Revenues/Funding Source</i>									
Solid Waste Fund Balance	193,729	278,895	197,090	206,944	217,291	522,865	156,139	1,300,329	1,631,799
Debt Financing	1,250,000	-	150,000	1,687,868	288,517			2,126,385	
Total	1,443,729	278,895	347,090	1,894,812	505,808	522,865	156,139	3,426,714	1,631,799

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

Year 1

FY 2013-14 SWCC Improvements (Eubanks Road - Planning & Engineering Costs only) 150,000

FY 2013-14 Replacement of Hook Lift Truck # 680 (2009 Freightliner) 197,090

Year 2

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

Year 3

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

Year 4

FY 2016-17 SWCC Improvements (Bradshaw Quarry) 212,028

FY 2016-17 Replacement of Front End Loader #775 310,837

Year 5

FY 2017-18 Replacement of Tandem Dump truck #679 156,139

Years 6-10

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
Project Budget									
<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>	125,000	345,821	-	214,055	753,918	1,101,004	522,316	2,591,293	5,042,914
<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>	125,000	345,821	-	214,055	753,918	1,101,004	522,316	2,591,293	5,042,914

Project Description/Justification

Current Year FY 2012-13		Year 2	
\$ 225,648	Replace Commercial Route Truck (1574)	\$ 214,055	Replace Roll off Truck (1779)
\$ 120,173	Replace Sterling Road Tractor		
Year 1		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)

Note: This funding schedule is based on a plan to move to Franchise/Privateization of Rural Curbside services.

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

Project Name	Closure/Equipment Replacement						Project Status	Active	
Functional Service Area	Landfill/Municipal Solid Waste						Starting Date	7/1/2012	
Department	Solid Waste Management						Completion Date	6/30/2013	
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>	105,089	-	3,166,846					3,166,846	
<i>Equipment/Furnishings</i>	140,844							-	
<i>Total Project Budget</i>	245,933	-	3,166,846	-	-	-	-	3,166,846	
<i>Revenues/Funding Source</i>									
<i>Solid Waste Fund Balance</i>	245,933	-	3,166,846	-	-	-	-	3,166,846	-
<i>Debt Financing</i>									
<i>Total</i>	245,933	-	3,166,846	-	-	-	-	3,166,846	-

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 closes 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</i>
	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	Starting Date Completion Date	<i>7/1/2012 Ongoing</i>
Project Budget										
<i>Appropriation</i>										
<i>Land/Building</i>										
<i>Construction/Repairs/Renovations</i>								-		412,582
<i>Equipment/Furnishings</i>		306,492	-	414,533	536,828	601,861	629,617	2,182,839		2,176,657
<i>Total Project Budget</i>		306,492	-	414,533	536,828	601,861	629,617	2,182,839		2,589,239
<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>		306,492	-	414,533	536,828	601,861	629,617	2,182,839		2,589,239

Project Description/Justification

Current Year FY 2012-13

FY Replacement of Track Loader at \$306,492

Year 1

FY 2013-14

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

Sportsplex Capital Projects Summary - RECOMMENDED
Fiscal Years 2013-18

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
Appropriations								
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	
Total	660,000	710,000	1,175,000	2,150,000	1,210,000	375,000	5,620,000	
Revenues/Funding Source								
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								
Total	660,000	710,000	1,175,000	2,150,000	1,210,000	375,000	5,620,000	

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 31st, 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

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

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	
FY 13/14 to FY 18/19 (5 years of CIP)	1,962,000	Over five years with program growth

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
FY14/15 to FY18/19 (4 years of CIP)	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	335members @ \$550
League/Academies/Prog./Rental Revenues over 3 years	1,567,000	
FY15/16 to FY17/18 (3 years of CIP)	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	
FY16/17 to FY17/18	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 (\$3,130,00 +\$980,000=\$4,110,000) which pays back for all phases of the CIP

Notes:

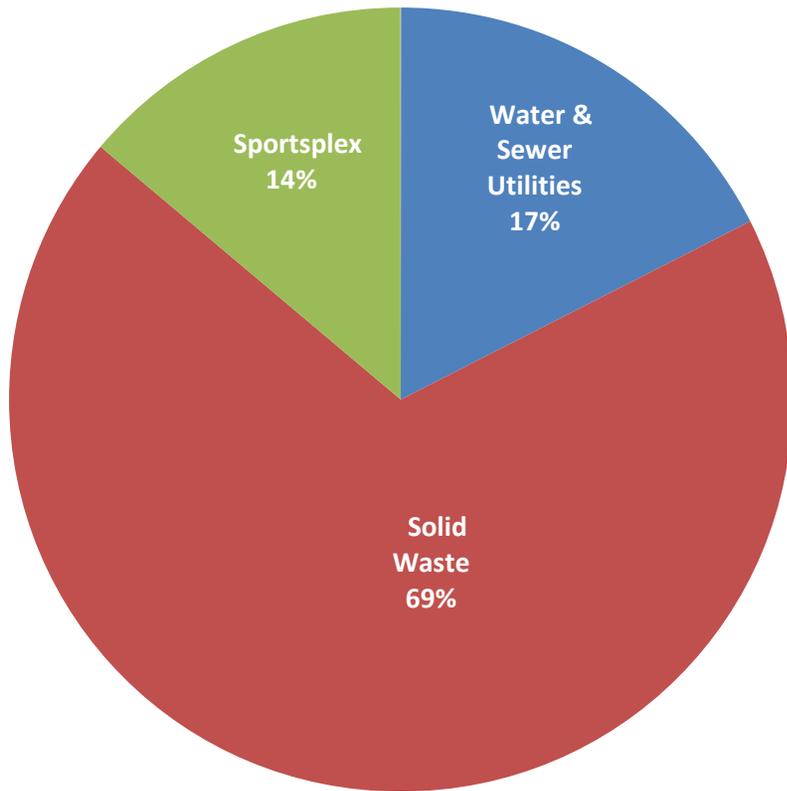
Conservative expansion assumptions have membership growth of 43.5% fro, 4,000 to 5,740(400 Lobby + 670 Mezzanine + 670 Turf/Court)
By year 5 that represent an annual incremental, sustainable net contribution to the Fund Balance of approximately \$1,000,000

**Orange County Sportsplex: Lobby, Mezzanine, Turf Court
Business Case Pro Forma FY13/14 to FY17/18**

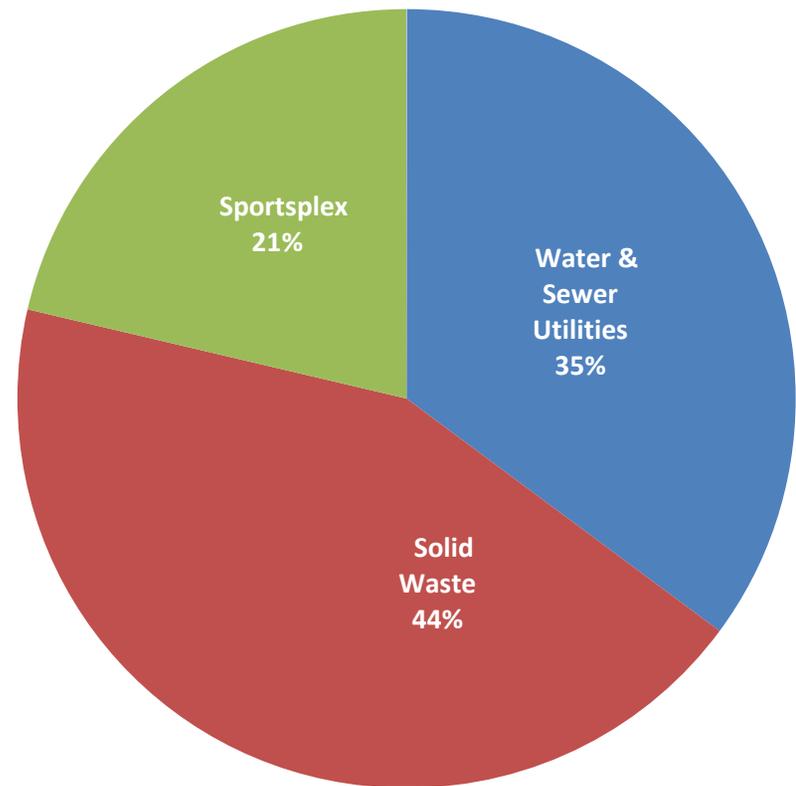
	<u>Lobby FY13/14</u>	<u>Mezzanine FY14/15</u>	<u>Turf FY15/16</u>	<u>Court FY16/17</u>	<u>FY17/18</u>
Revenue					
Lobby					
Incremental Memberships	220,000.00	220,000.00	220,000.00	220,000.00	220,000.00
Incremental Kidsplex	50,000.00	100,000.00	100,000.00	100,000.00	100,000.00
Birthday Parties	12,000.00	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
Mezzanine					
Incremental Memberships		220,000.00	368,500.00	368,500.00	368,500.00
Indoor Turf Field					
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
Court					
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
Total Revenue	<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>
Cost of Goods Sold					
Leagues			24,000.00	36,000.00	40,000.00
Lil' Programs			35,000.00	60,000.00	85,000.00
Total COGS			<u>59,000.00</u>	<u>96,000.00</u>	<u>125,000.00</u>
Gross Profit	<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>
Expense					
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
Total Expense	<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>
Enterprise Surplus	<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



Years 1-5: 2013-2018



Schools Capital Projects

Schools Capital Projects Summary - RECOMMENDED
Fiscal Years 2013-18

Projects by School System	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
Chapel Hill Carrboro City Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	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 ⁽²⁾	815,000	839,960	839,960	839,960	839,960	839,960	4,199,800	4,199,800
Middle School #5			1,168,474	6,686,266	27,027,452	4,968,488	39,850,680	
Carrboro HS Additions								19,743,948
Elementary # 12								35,476,053
QSCBs								
Elementary # 11	21,500,000						-	
Total	24,605,782	3,130,742	4,333,578	9,886,247	30,262,833	8,239,801	55,853,200	72,134,685
Orange County Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	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 ⁽²⁾	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	
Total	1,940,417	1,947,918	5,298,179	14,274,223	2,013,424	2,035,917	25,569,661	32,007,177
Total all Schools	26,546,199	5,078,660	9,631,757	24,160,470	32,276,257	10,275,718	81,422,861	104,141,862
Revenues/Funding Source								
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		4,497,224	18,969,226	27,027,452	4,968,488	55,462,390	76,698,201
QSCBs	-							
Total	26,546,199	5,078,660	9,631,757	24,160,470	32,276,257	10,275,718	81,422,861	104,141,862

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⁾ 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.

⁽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).

Schools Capital Projects Summary - UNFUNDED REQUESTS
Fiscal Years 2013-18

Projects by School System	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
Chapel Hill Carrboro City Schools								
Long Range Capital QSCBs (Unfunded)							-	
Major/Maintenance Projects (Unfunded)		2,688,717	3,389,529	4,292,719	3,683,087	4,288,503	18,342,555	17,272,445
New School/Facilities (Unfunded):								
Culbreth MS Science Wing Addition		600,000	3,854,042	517,634			4,971,676	
McDougle MS Auditorium			400,000	3,909,138	325,000		4,634,138	
Total	-	3,288,717	7,643,571	8,719,491	4,008,087	4,288,503	27,948,369	17,272,445
Orange County Schools								
Long Range Capital Elementary # 8 (Unfunded)*			1,482,000	19,996,200			21,478,200	
District-wide Projects (Unfunded)		276,082	2,972,071	193,737	-	2,563,083	6,004,973	2,297,827
Total	-	276,082	4,454,071	20,189,937	-	2,563,083	27,483,173	2,297,827
Total all Schools (Unfunded)	-	3,564,799	12,097,642	28,909,428	4,008,087	6,851,586	55,431,542	19,570,272
Revenues/Funding Source								
General Fund (Pay-As-You-Go)							-	
Lottery Proceeds							-	
Debt Financing							-	
Maintenance Projects (Unfunded)							-	
New School/Facilities (Unfunded)							-	
QSCBs							-	
-	-	-	-	-	-	-	-	-

* Orange County Schools (OCS) requested funding for Elementary School #8 in Year 2 (2014-15) and Year 3 (2015-16). OCS does not exceed the adopted levels of service (LOS) established in the SAPFO at this time nor do projections show potential needs within the 10-year planning period. However, LOS is projected to be on the brink of being exceeded in FY 2022-23 at both the Elementary and High School levels.

**Schools Capital Projects Summary - RECOMMENDED AND UNFUNDED
Fiscal Years 2013-18**

Projects by School System	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
Chapel Hill Carrboro City Schools								
<i>Long Range Capital</i>								
<i>Pay-As-You-Go Funds</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</i>	815,000	839,960	839,960	839,960	839,960	839,960	4,199,800	4,199,800
<i>QSCBs (Unfunded)</i>							-	
<i>Maintenance Projects (Unfunded)</i>		2,688,717	3,389,529	4,292,719	3,683,087	4,288,503	18,342,555	17,272,445
<i>New School/Facilities</i>		600,000	4,254,042	4,426,772	325,000		9,605,814	55,220,001
<i>Middle School #5</i>			1,168,474	6,686,266	27,027,452	4,968,488	39,850,680	
<i>Elementary # 11</i>	21,500,000						-	
Total	24,605,782	6,419,459	11,977,149	18,605,738	34,270,920	12,528,304	83,801,569	89,407,130
Orange County Schools								
<i>Long Range Capital</i>								
<i>Pay-As-You-Go Funds</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</i>	506,350	513,851	513,851	513,851	513,851	513,851	2,569,255	2,569,255
<i>OSCBs</i>							-	
<i>District-Wide Projects (Unfunded)</i>		276,082	2,972,071	193,737		2,563,083	6,004,973	2,297,827
<i>Elementary # 8*</i>			-	-			-	21,478,200
<i>CRHS Auxiliary Gym</i>			3,328,750				3,328,750	
<i>CRHS Classroom Wing Addition</i>				12,282,960			12,282,960	
Total	1,940,417	2,224,000	8,270,250	14,467,960	2,013,424	4,599,000	31,574,634	34,305,004
Total all Schools	26,546,199	8,643,459	20,247,399	33,073,698	36,284,344	17,127,304	115,376,203	123,712,134
Revenues/Funding Source								
<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		4,497,224	18,969,226	27,027,452	4,968,488	55,462,390	
<i>Debt Financing (Unfunded)</i>			-	-			-	
<i>Maintenance Projects (Unfunded)</i>		2,688,717	3,389,529	4,292,719	3,683,087	4,288,503	18,342,555	17,272,445
<i>New School/Facilities (Unfunded)</i>		600,000	4,254,042	4,426,772	325,000		9,605,814	76,698,201
<i>District-Wide Projects (Unfunded)</i>		276,082	2,972,071	193,737		2,563,083	6,004,973	2,297,827
<i>QSCBs (Unfunded)</i>							-	
Total	26,546,199	8,643,459	20,247,399	33,073,698	36,284,344	17,127,304	115,376,203	123,712,134

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

(2) Lottery Proceeds are assumed at the same amount from the State throughout the 5 year CIP period. The funds will be distributed on the basis of each school systems Average Daily Membership. The CIP assumes that this amount will remain constant for the next five fiscal years.

* Orange County Schools (OCS) requested funding for Elementary School #8 in Year 2 (2014-15) and Year 3 (2015-16). OCS does not exceed the adopted levels of service (LOS) established in the SAPFO at this time nor do projections show potential needs within the 10-year planning period. However, LOS is projected to be on the brink of being exceeded in 2022-23 at both the Elementary and High School levels.

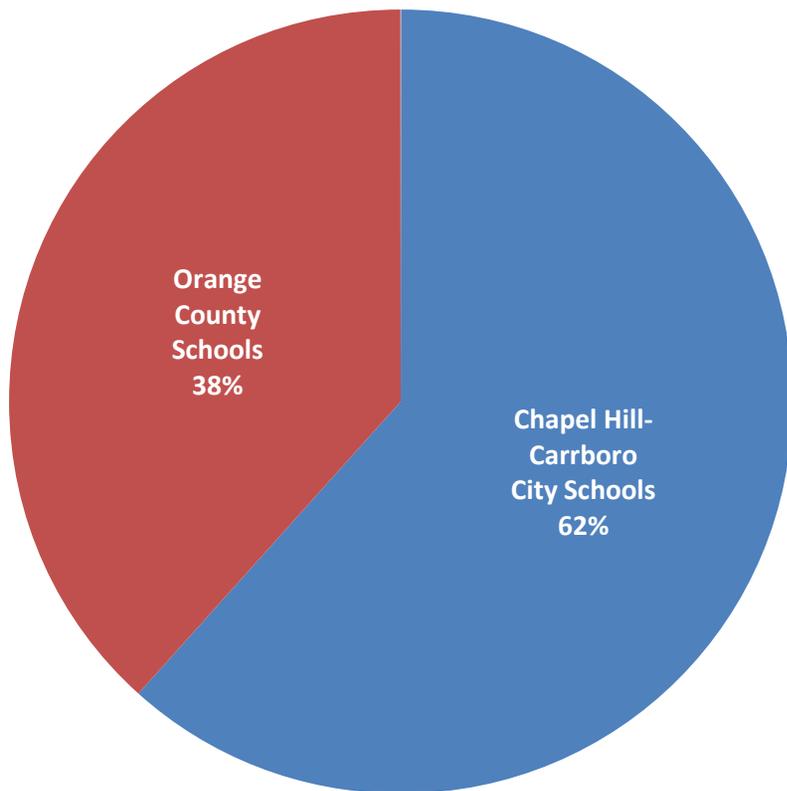
**Schools Capital Projects Summary - New School/Facilities Projects Requested
Fiscal Years 2013-18**

Projects by School System	Opens As Per District Request	Opens As Per SAPFO Report	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
Chapel Hill Carrboro City Schools									
<i>New School/Facilities:</i>									
<i>Culbreth MS Science Wing Addition</i>	August 2015		600,000	3,854,042	517,634			4,971,676	
<i>McDougle MS Auditorium</i>	August 2016			400,000	3,909,138	325,000		4,634,138	
<i>Middle School # 5</i>	FY 2017-18	FY 2017-18		1,168,474	6,686,266	27,027,452	4,968,488	39,850,680	
<i>Carrboro HS Additions</i>	FY 2020-21	FY 2020-21						-	19,743,948
<i>Elementary #12</i>	FY 2021-22	FY 2021-22						-	35,476,053
Total			600,000	5,422,516	11,113,038	27,352,452	4,968,488	49,456,494	55,220,001
Orange County Schools									
<i>New School/Facilities:</i>									
<i>CRHS Auxiliary Gym</i>				3,328,750				3,328,750	
<i>CRHS Classroom Wing Addition</i>				12,282,960				12,282,960	
<i>Elementary # 8</i>		See Note		1,482,000	19,996,200			21,478,200	
Total	-		-	17,093,710	19,996,200	-	-	37,089,910	-
Total New Schools/Facilities	-		600,000	22,516,226	31,109,238	27,352,452	4,968,488	86,546,404	55,220,001

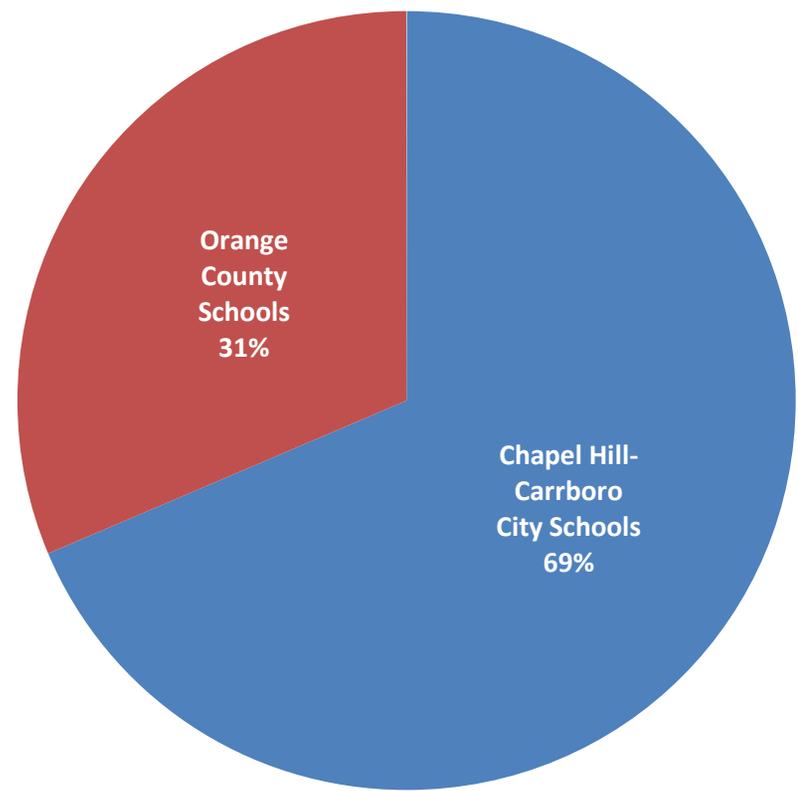
NOTE: Orange County Schools (OCS) requested funding for Elementary School #8 in Year 2 (2014-15) and Year 3 (2015-16). OCS does not exceed the adopted levels of service (LOS) established in the SAPFO at this time nor do projections show potential needs within the 10-year planning period. However, LOS is projected to be on the brink of being exceeded in 2022-23 at both the Elementary and High School levels.

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

Year 1: FY 2013-14

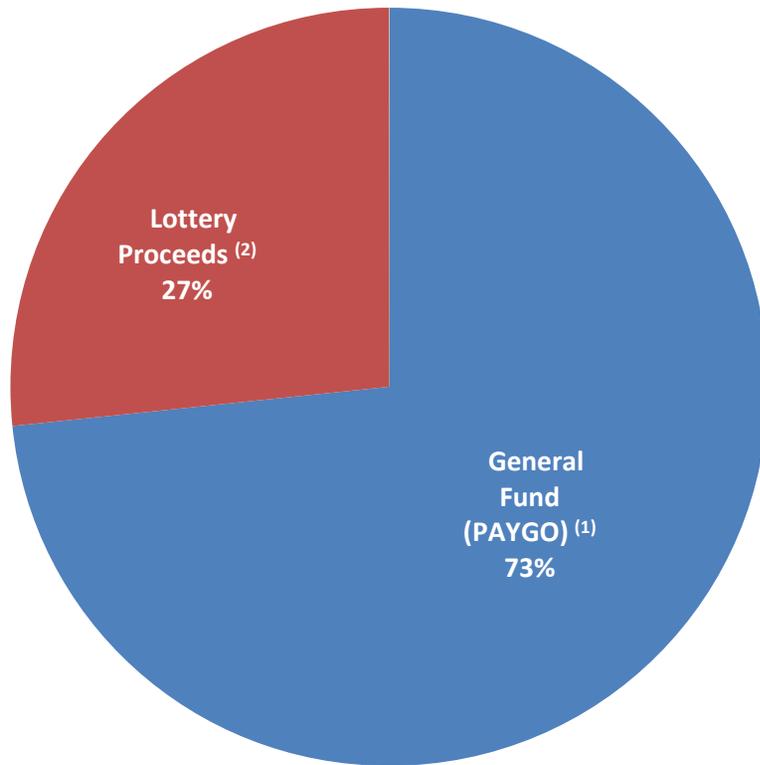


Years 1-5: 2013-2018

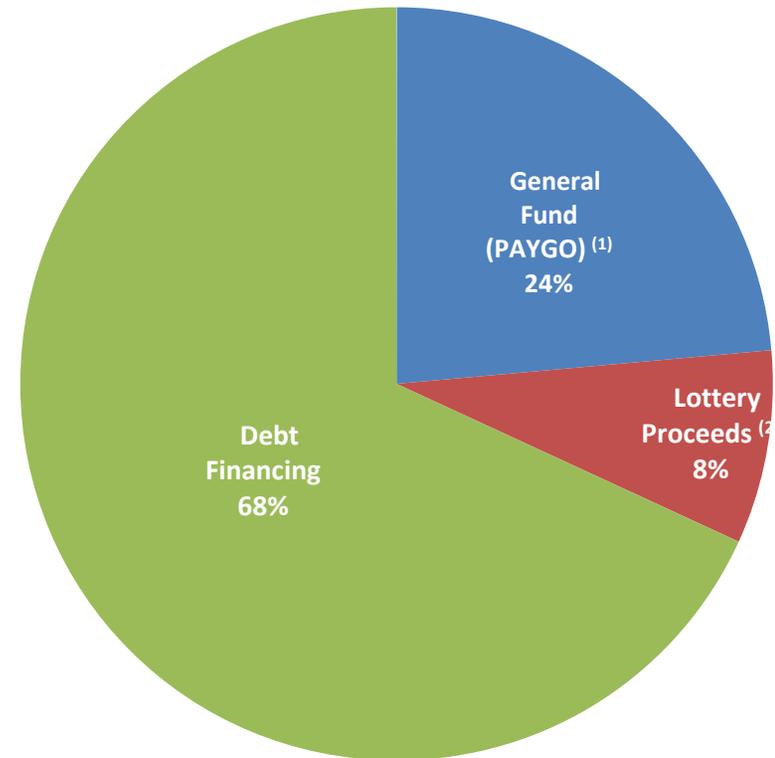


FY 2013-18 Orange County Capital Investment Plan Projects School Summary - Revenues

Year 1: FY 2013-14



Years 1-5: 2013-2018



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 PAYG 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 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
ADA Requirements		75,000	35,000	45,000	35,000	35,000	225,000		345,000
Abatement Projects									
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		
Athletic Facilities									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		
Classroom/Building Improvements						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								
EG 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 Curtains				40,000			40,000		
Phillips: Auditorium Seating	75,000								
Doors/Hardware/Canopies									
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		
EFG: Canopy at Kiss n Go and Bus Circle						75,000	75,000		
Ephesus: Canopy at Kiss and Go									75,000
Electrical Systems									
All Schools: Increase Electrical Distribution		150,000	165,000	165,000	175,000	175,000	830,000		955,000
Energy Efficiency/Lighting Improvemnets									
Estes Hills: Multi Purpose Bld Upgrades	25,000								
Glenwood: Multi Purpose Bld Upgrades	25,000								
EFG: 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		
Fire/Safety/Security Systems									
General Upgrades and Expansions	50,000	175,000	93,620	100,000		75,000	443,620		257,894
Indoor Air Quality Improvements									
District IAQ Projects		25,000	50,000		50,000		125,000		200,000

PROJECT TITLE	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
Mechanical Systems		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							60,000
Ephesus: 1990 Boiler Replacement		40,000					40,000	
Estes Hills: Cooling Tower Replacement								60,000
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
PENDING 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	
Mobile Classrooms/Rental Space		133,000	135,001	138,000	138,000	140,000	684,001	743,500
Paving: Parking Lots/Driveways/Walkways								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	
Roofing/Building Waterproofing Projects					172,402		172,402	
ECHHS: Brick pointing/window seals			200,000				200,000	350,000
Window Replacements								
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
Technology: Total of Listed Categories		1,582,600	1,600,000	1,617,700	1,635,700	1,653,900	8,089,900	8,552,800
Network Infrastructure		750,572	758,824	767,219	775,755	784,387	3,836,757	4,056,295
Instructional Computers & Technology		791,768	800,473	809,328	818,334	827,439	4,047,342	4,278,929
Administrative Computers		40,260	40,703	41,153	41,611	42,074	205,801	217,577
TOTAL EXPENDITURES - 10 YEAR CIP	596,398	3,165,104	3,199,981	3,235,381	3,271,313	3,307,783	16,179,562	17,105,405

	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
CIP FUNDING SOURCES:									
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
TOTAL CIP FUNDING	3,105,782	3,165,104	3,199,981	3,235,381	3,271,313	3,307,783	16,179,561		17,105,405
OTHER FUNDING:									
Northside Elementary School-opens Aug. '13		4,300,000					4,300,000		
Article 46 Sales Tax - 1/4 Cent									
-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
		380,000					380,000		
<i>Priority Repairs Identified in Facilities Assessment</i>									
<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
		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	TOTAL
Culbreth Middle School: Science Addition	Aug. 2015	600,000	3,854,042	517,634								4,971,676
McDougle Middle School: Auditorium	Aug. 2016		400,000	3,909,138	325,000							4,634,138
Middle School #5	2017-18		1,168,474	6,686,266	27,027,452	4,968,488						39,850,680
Carrboro High School Additions	2020-21						3,293,631	13,624,134	2,826,183			19,743,948
Elementary School #12	2021-22							6,493,220	24,144,927	4,837,906		35,476,053
TOTAL UNFUNDED PROJECTS		600,000	5,422,516	11,113,038	27,352,452	4,968,488	3,293,631	20,117,354	26,971,110	4,837,906	-	104,076,495

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	
Abatement Projects											
District Projects: Removal of Asbestos Floor Tile				75,000		75,000					150,000
Athletic Facilities:											
CarrboroHS: Stadium Visitor Bleachers					450,000						450,000
CHHS: Stadium Visitor Bleachers					250,000						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
Carrboro Elementary: Multi purpose field			125,000								125,000
Scrogge: Athletic Field				150,000							150,000
McDougle Mdl: Tennis Courts						300,000					300,000
Playfields(10): Provide Potable Water		150,000									150,000
Cafeterias: Kitchen Renovations							150,000	150,000	150,000		450,000
Classroom/Building Improvements:											
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
Doors/Hardware/Canopies							100,000	100,000	100,000	100,000	400,000
Scroggs: Canopies-Mobile Units, other areas				175,000							175,000
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
Energy Efficiency/Lighting Improvements											
ECHHS: Theater Lighting and Sound upgrade				375,000							375,000
Carrboro Elm: Auditorium lighting/acoustics		100,000									100,000

UNFUNDED MAJOR PROJECTS pg 2 of 2

PROJECTS:	10 YEAR UNFUNDED CAPITAL PROJECTS										TEN YEAR
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	TOTAL
	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
Mechanical Systems:											
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
Paving/Parking Lots/Playgrounds											
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
Rental Space - Administrative	75,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	135,000	1,290,000
Roofing											
Smith: repairs and seals (20 years)								2,000,000			2,000,000
ECHHS: repairs and seals (20 years)					1,500,000						1,500,000
Technology											
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
TOTAL UNFUNDED MAINTENANCE PROJECTS	2,688,717	3,389,529	4,292,719	3,683,087	4,288,503	3,019,377	3,708,819	6,617,239	2,223,651	1,703,359	35,615,000

ORANGE COUNTY SCHOOLS 10-YEAR CAPITAL INVESTMENT PLAN 2013-2023

BY CATEGORY

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
ADA								
		\$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
ABATEMENT PROJECTS							\$0	\$0
HE: ASBESTOS REMOVAL (GYM HOT WATER PIPES)							\$0	\$200,000
NH-ALS: CARPET REMOVAL						\$200,000	\$200,000	\$200,000
							\$0	\$0
							\$0	\$0
ATHLETIC FACILITIES							\$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
							\$0	\$0
CLASSROOM/BUILDING IMPROVEMENTS							\$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
DOORS/HARDWARE/CANOPIES							\$0	\$0
							\$0	\$0
ELECTRICAL SYSTEMS							\$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
ENERGY EFFICIENCY/LIGHTING IMPROVEMENTS							\$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
FIRE/SAFETY/SECURITY SYSTEMS							\$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
INDOOR AIR QUALITY IMPROVEMENTS							\$0	\$0
CRHS: DUST REMOVAL SYSTEM (WOOD SHOP)	\$15,000						\$0	\$0

ORANGE COUNTY SCHOOLS 10-YEAR CAPITAL INVESTMENT PLAN 2013-2023

BY CATEGORY

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
MECHANICAL SYSTEMS							\$0	\$0
CE: BOILER REPLACEMENT					\$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
DSTRIC: 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
MOBILE CLASSROOM RENTAL SPACE							\$0	\$0
DISTRICT: EMERGENCY MOBILE STORAGE UNIT							\$0	\$10,000
							\$0	\$0
PAVING: PARKING LOTS/DRIVEWAYS/WALKWAYS							\$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: ASPHALT 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
ROOFING PROJECTS							\$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
WINDOW REPLACEMENTS							\$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
SCHOOL SAFETY AND SECURITY							\$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
SUB TOTAL EXPENDITURES	\$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	
GRAND TOTAL EXPENDITURES WITH ELEM #8	\$3,116,000	\$2,714,000	\$22,525,210	\$22,671,200	\$2,500,000	\$5,089,000	\$55,499,410	
REVENUE								

ORANGE COUNTY SCHOOLS 10-YEAR CAPITAL INVESTMENT PLAN 2013-2023

BY CATEGORY

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
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							
TOTAL CIP FUNDING	\$3,116,000	\$2,437,918	\$2,494,348	\$2,494,348	\$2,494,348	\$2,494,348		
TOTAL UNFUNDED PROJECTS	\$0	-\$276,082	-\$20,030,862	-\$20,176,852	-\$5,652	-\$2,594,652		

Appendices

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

Debt Service	Current Fiscal Year 2012-13	Fiscal Year 2013-14	Fiscal Year 2014-15	Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18
<i>Total Annual Debt Service</i>	24,887,879	26,188,606	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		182,702,818	185,443,360	188,225,010	191,048,385	194,869,353
Annual Debt Service as a % of General Fund	13.83%	14.33%	13.70%	12.85%	12.12%	11.34%
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Future Debt Service Capacity	1.17%	0.67%	1.30%	2.15%	2.88%	3.66%
Projected Debt Financing						
2013-2014 - \$2,654,000						
County Capital \$2,654,000			254,784	254,784	254,784	254,784
2014-2015 - \$10,419,224						
County Capital \$5,922,000				568,512	568,512	568,512
CRHS (OCS) Auxilliary Grym \$3,328,750				319,560	319,560	319,560
Middle School #5 (CHCCS) \$1,168,474				112,200	112,200	112,200
2015-2016 - \$34,594,295						
County Capital \$15,625,069					1,500,007	1,500,007
CRHS (OCS) Classroom Wing \$12,282,960					1,179,164	1,179,164
Middle School #5 (CHCCS) \$6,686,266					641,882	641,882
2016-2017 - \$39,841,452						
County Capital \$12,814,000						1,230,144
Middle School #5 (CHCCS) \$27,027,452						2,594,635

Debt Service	Current Fiscal Year 2012-13	Fiscal Year 2013-14	Fiscal Year 2014-15	Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18
2017-2018 - \$43,816,996						
County Capital \$38,848,508						
Middle School #5 (CHCCS) \$4,968,488						
New Debt Service		-	254,784	1,255,056	4,576,108	8,400,887
<i>Projected Annual Debt Service</i>	<u>24,887,879</u>	<u>26,188,606</u>	<u>25,667,289</u>	<u>25,441,528</u>	<u>27,728,117</u>	<u>30,492,182</u>
Projected Annual Debt Service As a Percent of the General Fund Budget	13.83%	14.33%	13.84%	13.52%	14.51%	15.65%
Available Annual Debt Service Capacity Based on the 15% Debt Service Policy	2,112,537	1,216,817	2,149,215	2,792,224	929,141	(1,261,779)

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

County Debt Service and Debt Capacity (General Fund Only) - Recommended and Unfunded (As Requested by Schools)
Fiscal Years 2013-18

Debt Service	Current Fiscal Year 2012-13	Fiscal Year 2013-14	Fiscal Year 2014-15	Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18
<i>Total Annual Debt Service</i>	24,887,879	26,188,606	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		182,702,818	185,443,360	188,225,010	191,048,385	194,869,353
Annual Debt Service as a % of General Fund	13.83%	14.33%	13.70%	12.85%	12.12%	11.34%
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Future Debt Service Capacity	1.17%	0.67%	1.30%	2.15%	2.88%	3.66%
Projected Debt Financing						
2013-2014 - \$6,197,288						
County Capital \$2,654,000			254,784	254,784	254,784	254,784
CHCCS Maintenance Projects (Unfunded) \$2,688,717			258,117	258,117	258,117	258,117
CHCCS New School/Facilities (Unfunded) \$600,000			57,600	57,600	57,600	57,600
OCS District-wide Projects (Unfunded) \$254,571			24,439	24,439	24,439	24,439
2014-2015 - \$34,777,992						
County Capital \$5,922,000				568,512	568,512	568,512
CRHS (OCS) Auxilliary Gym \$3,328,750				319,560	319,560	319,560
CRHS (OCS) Classroom Wing \$12,282,960				1,179,164	1,179,164	1,179,164
CHCCS Middle School #5 \$1,168,474				112,174	112,174	112,174
CHCCS Maintenance Projects (Unfunded) \$3,389,529				325,395	325,395	325,395
CHCCS New School/Facilities (Unfunded) \$4,254,042				408,388	408,388	408,388
OCS Elementary #8 (Unfunded) \$1,482,000				142,272	142,272	142,272
OCS District-wide Projects (Unfunded) \$2,950,237				283,223	283,223	283,223
2015-2016 - \$51,198,602						
County Capital \$15,625,069					1,500,007	1,500,007
CHCCS Middle School #5 \$6,686,266					641,882	641,882
CHCCS Maintenance Projects (Unfunded) \$4,292,719					412,101	412,101
CHCCS New School/Facilities (Unfunded) \$4,426,772					424,970	424,970
OCS Elementary #8 (Unfunded) \$19,996,200					1,919,635	1,919,635
OCS District-wide Projectst (Unfunded) \$171,576					16,471	16,471

Debt Service	Current Fiscal Year 2012-13	Fiscal Year 2013-14	Fiscal Year 2014-15	Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18
2016-2017 - \$43,849,539						
County Capital \$12,814,000						1,230,144
CHCCS Middle School #5 \$27,027,452						2,594,635
CHCCS Maintenance Projects (Unfunded) \$3,683,087						353,576
CHCCS New School/Facilities (Unfunded) \$325,000						31,200
2017-2018 - \$50,645,751						
County Capital \$38,848,508						
CHCCS Middle School #5 \$4,968,488						
CHCCS Maintenance Projects (unfunded) \$4,288,503						
OCS District-wide Projects (Unfunded) \$2,540,252						
New Debt Service		-	594,940	3,933,627	8,848,693	13,058,248
Projected Annual Debt Service	24,887,879	26,188,606	26,007,445	28,120,099	32,000,702	35,149,543
Projected Annual Debt Service As a Percent of the General Fund Budget	13.83%	14.33%	14.02%	14.94%	16.75%	18.04%
Available Annual Debt Service Capacity Based on the 15% Debt Service Policy	2,112,537	1,216,817	1,809,059	113,653	(3,343,444)	(5,919,140)

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

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

Debt Service	Current Fiscal Year 2012-13	Fiscal Year 2013-14	Fiscal Year 2014-15	Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18	Total Available Funds Dedicated to Debt Service (FY 12-18)
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>	60.00%	60.00%	60.00%	60.00%	60.00%	60.00%	
Projected Debt Financing							
2012-13 - \$4,256,046							
Buckhorn EDD Phase 2 - \$4,256,046		340,484	340,484	340,484	340,484	340,484	\$ 1,702,418
2013-2014 - \$0							
2014-2015 - \$5,186,000							
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
2015-2016 - \$2,500,000							
Buckhorn-Mebane EDD Phase 3 & 4 - \$2,500,000					200,000	200,000	\$ 400,000
2016-2017 - \$0							
2017-2018 - \$0							
<i>Projected Annual Debt Service</i>	-	340,484	340,484	755,364	955,364	955,364	
Available Article 46 Sales Tax Proceeds for Debt Service	750,000	429,016	448,809	54,018	(125,591)	(104,895)	\$ 1,451,359

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 ¹	7/1/2011	145,000	145,000	132,000	(13,000)	116,410	15,590	80.28%	6/30/2013
10012 Jail Expansion ²	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 ³	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 ⁴	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 ¹	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 ⁵	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 ⁶	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 ¹	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 ⁴	7/1/2011	650,000	700,000	214,000	(486,000)	36,576	177,424	5.23%	Continuing
10052 Southern Orange Campus (Future) ⁴	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 ¹	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 ⁴	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 ^{3,6}	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 ¹	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 ^{1,7}	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 ^{1,4}	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 ⁶	7/1/1999	900,000	2,808,804	2,796,304	(12,500)	1,801,439	994,865	64.14%	Continuing
30007 Technology ^{1,4}	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 ⁸	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 ⁹	7/1/1998	150,000	275,000	184,640	(90,360)	200,000	(15,360)	72.73%	Continuing
30017 Efland Sewer Extension ^{4,6}	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 ³	7/1/2005	60,000	130,000	115,374	(14,626)	114,126	1,248	87.79%	6/30/2011
30035 Upfit Link Center ^{4,6}	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 ⁴	7/1/2010	700,000	700,000	473,437	(226,564)	473,436	-	67.63%	6/30/2011
30039 Dental Equipment ¹	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 ^{1,4}	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 ^{6,10}	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 ⁴	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 ⁴	7/1/2012	543,750	543,750	-	(543,750)	-	-	0.00%	6/30/2020
30061 Communication System Improvemnts ^{4,11}	7/1/2012	781,875	781,875	489,875	(292,000)	618,091	(128,216)	79.05%	6/30/2018
Total County Capital Projects		25,936,265	120,664,551	100,730,549	(17,256,801)	97,457,064	3,273,485		

Denotes Source of Revenue Shortage:

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

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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.

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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.

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Rescission

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

April 5, 2011

**ORANGE COUNTY
BOARD OF COMMISSIONERS**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: March 12, 2013

**Action Agenda
Item No. 4**

SUBJECT: Discussion on Facilitating the Performance Evaluation Process for Three Staff Members Appointed by the Board – County Attorney, Clerk, and Manager

DEPARTMENT: County Commissioners

PUBLIC HEARING: (Y/N)

No

ATTACHMENT (S):

Attachment A: Proposed Scope of Work:
Facilitating the County Attorney, Clerk,
and Manager Performance Evaluation
Process

Attachment B: Proposed Scope of Work:
Facilitating the County Manager
Performance Evaluation Process

INFORMATION CONTACT:

Commissioner Renee Price
Commissioner Penny Rich
Clerk to the Board Donna Baker, 919-
245-2130

PURPOSE: To discuss the facilitation of the performance evaluation process for three staff members appointed by the Board – County Attorney, Clerk to the Board and Manager, including proposed scopes of work.

BACKGROUND: The Board of Commissioners discussed an evaluation process for the three staff members who are appointed by the Board on February 12th. The Board chose not to move forward on the proposed evaluation process at that work session and instead choose to appoint a sub-committee to discuss this issue further and come back to the Board with recommendations. The sub-committee consisted of Commissioner Renee Price, Commissioner Penny Rich and Clerk to the Board Donna Baker. The sub-committee met on February 20th with a proposed facilitator, Peg Carlson, and after discussions is proposing two scopes of work for consideration for the evaluation process:

Attachment A: Proposed Scope of Work: Facilitating the County Attorney, Clerk, and Manager Performance Evaluation Process

Attachment B: Proposed Scope of Work: Facilitating the County Manager Performance Evaluation Process

The proposed project goals for the evaluation process are:

- Provide County Attorney, Clerk, and Manager with feedback on her/his performance, identifying strengths and areas for improvement
- Foster effective communication and strengthen working relationship between Board of Commissioners and County Attorney, Clerk, and Manager
- Link performance evaluation to decision about compensation for coming year

RECOMMENDATION (S): The Manager recommends the Board discuss and provide any direction.

**Facilitating the County Attorney, Clerk, and Manager
Performance Evaluation Process
Orange County, NC
Proposed Scope of Work from Peg Carlson, Ph.D.
February 2013**

Project goals:

- Provide County Attorney, Clerk, and Manager with feedback on her/his performance, identifying strengths and areas for improvement
- Foster effective communication and strengthen working relationship between Board of Commissioners and County Attorney, Clerk, and Manager
- Link performance evaluation to decision about compensation for coming year

Proposed project steps and dates for County Attorney and Clerk evaluations:

- Step 1: Initial planning for Attorney/Clerk evaluation** (Feb.-Mar.)
Peg Carlson confers with subcommittee of Commissioners, Clerk, and Attorney to agree on evaluation form, process and timeline for Attorney and Clerk evaluations.
- Step 2: Revise evaluation form and process as needed** (March)
Peg Carlson incorporates any revisions suggested in Step 1 and sends form and instructions to Commissioners. Attorney/Clerk prepares self-assessment and distributes to Commissioners.
- Step 3: Compile ratings and comments** (early-mid April)
Prior to the evaluation discussion, Peg Carlson compiles ratings and comments from Commissioners and prepares summary for Commissioners, Attorney and/or Clerk.
- Step 4: Attorney/Clerk performance evaluation** (late April)
Peg Carlson facilitates evaluation discussion with Board of Commissioners, Attorney, and/or Clerk participating. In addition to looking back at the past year, this session will include a portion where the Board and Attorney or Clerk agree on performance objectives for the coming year.
- Step 5: Debrief and agree on next steps** (May)
Peg Carlson meets with subcommittee to identify lessons learned from evaluation process and propose any changes in preparation for County Manager evaluation in October.

Proposed steps and dates for County Manager evaluation:

- Step 1: Initial planning for Manager evaluation** (August)
Peg Carlson confers with subcommittee of Commissioners and County Manager to agree on evaluation form, process and timeline for Manager evaluation.
- Step 2: Revise evaluation form and process as needed** (late Aug.)
Peg Carlson incorporates any revisions suggested in Step 1 and sends form and instructions to Commissioners. Manager prepares self-assessment and distributes to Commissioners.
- Step 3: Compile ratings and comments** (September)
Prior to the evaluation discussion, Peg Carlson compiles ratings and comments from Commissioners* and prepares summary for Commissioners and Manager.
- Step 4: County Manager performance evaluation** (October)
Peg Carlson facilitates evaluation discussion with Board of Commissioners and County Manager participating. In addition to looking back at the past year, this session will include a portion where the Board and Manager agree on performance objectives for the coming year.
- Step 5: Debrief and agree on next steps** (November)
Peg Carlson meets with subcommittee to identify lessons learned from evaluation process and propose any changes for future years.

*Options include having Commissioners fill out evaluation form on their own, or arranging individual meetings with Peg Carlson to share their feedback.

Estimated project cost:

I expect that this project will take 21-27 hours of my time, depending on whether individual Commissioner interviews will be part of the process. My government rate is \$185/hour. The total estimated cost for this project is **\$3885-\$4995**, plus any mileage and materials expenses incurred.

Contact information:

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**Facilitating the County Manager
Performance Evaluation Process
Orange County, NC
Proposed Scope of Work from Peg Carlson, Ph.D.
March 2013**

Project goals:

- Provide County Manager with feedback on his performance, identifying strengths and areas for improvement
- Foster effective communication and strengthen working relationship between Board of Commissioners and County Manager
- Link performance evaluation to decision about compensation for coming year

Proposed project steps and dates for County Manager evaluation:

- Step 1: Initial planning for Manager evaluation** (August)
Peg Carlson confers with subcommittee of Commissioners and County Manager to agree on evaluation form, process and timeline for Manager evaluation.
- Step 2: Revise evaluation form and process as needed** (late Aug.)
Peg Carlson incorporates any revisions suggested in Step 1 and sends form and instructions to Commissioners. Manager prepares self-assessment and distributes to Commissioners.
- Step 3: Compile ratings and comments** (September)
Prior to the evaluation discussion, Peg Carlson compiles ratings and comments from Commissioners* and prepares summary for Commissioners and Manager.
- Step 4: County Manager performance evaluation** (October)
Peg Carlson facilitates evaluation discussion with Board of Commissioners and County Manager participating. In addition to looking back at the past year, this session will include a portion where the Board and Manager agree on performance objectives for the coming year.
- Step 5: Debrief and agree on next steps** (November)
Peg Carlson meets with subcommittee to identify lessons learned from evaluation process and propose any changes for future years.

*Options include having Commissioners fill out evaluation form on their own, or arranging individual meetings with Peg Carlson to share their feedback.

Estimated project cost:

I expect that this project will take 12-18 hours of my time, depending on whether individual Commissioner interviews will be part of the process. My government rate is \$185/hour. The total estimated cost for this project is **\$2220-\$3330**, plus any mileage and materials expenses incurred.

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