



ORANGE COUNTY
NORTH CAROLINA

FY 2016-2021
CAPITAL INVESTMENT
PLAN

MANAGER RECOMMENDED

FY 2016-21
CAPITAL INVESTMENT
PLAN

MANAGER RECOMMENDED

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ORANGE COUNTY, NORTH CAROLINA

Board of County Commissioners



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ORANGE COUNTY

NORTH CAROLINA

March 24, 2016

TO: Board of Orange County Commissioners

FROM: Bonnie B. Hammersley
County Manager

RE: Manager's Recommended FY 2016-21 Capital Investment Plan

I am pleased to submit the County Manager's Recommended Capital Investment Plan (CIP) for FY 2016-21 for your consideration. The CIP serves two important functions. First, it authorizes capital appropriations for the next fiscal year. These appropriations are recommended for projects that are currently underway, projects that advance the policy priorities of the Board of Orange County Commissioners, and projects that support parks and open space priorities, information technology and communication systems, and other critical infrastructure needs. The second purpose of the CIP is to plan for the future. The Plan contains detailed recommendations for capital projects five years into the future and more general descriptions of projects that would occur in the subsequent five years, projecting a total of ten years into the future.

Recommended capital expenditures for FY 2016-17 total \$72.9 million. Of this amount, \$24.3 million is recommended for County capital projects, \$1.0 million is recommended for proprietary fund spending including water and sewer projects, Solid Waste, and Sportsplex, and \$47.6 million is recommended for school capital improvements. These funding levels assume the bond referendum for older school improvements and affordable housing initiatives is successful in November.

The recommended FY 2016-17 CIP represents an increase of approximately \$50 million compared to the FY2015-16 Approved CIP. Most of this increase (\$42.5 million) is attributable to the first year allocation of general obligation bond proceeds for school capital projects (\$40 million in FY 2016-17) and affordable housing (\$2.5 million in FY 2016-17). The remaining portion of the increase of approximately \$7.5 million can be attributed to the largest County projects recommended for FY2016-17, the Southern Branch Library and the completion of the Historic Rogers Road Sewer installation. These two investments represent a combined total of approximately \$12 million.

Continuation Funding

Continuation funding is recommended for projects that are either currently underway or those for which planning funds were appropriated in prior years.

- **Southern Branch Library - \$6.38 million**

In late 2015, the Board authorized staff to begin discussions with the Town of Carrboro on the construction of a Southern Branch Library on a Town owned site located at 203 South Greensboro Street. The CIP assumes that these discussions will progress to a point where construction may commence during the next fiscal year. Along with the recommended capital commitment for design and construction costs, the CIP also recognizes additional operating expenses that will be required to operate another library branch totaling approximately \$1.3 million annually.

- **Detention Facility - \$500,000**

Planning work for a new Detention facility began in FY 2015-16. The CIP recommends continuing that work during the next fiscal year with a second installment of planning and design funds and identifies approximately \$20.5 million in FY 2017-18 to begin construction. Remaining on this timeline assumes that the lease terms of the selected, State owned site will be clarified this summer through the adoption of a local bill in the General Assembly.

- **Environment and Agriculture Center - \$3.15 million in FY 2017-18**

The Board recently approved a contract for architectural and engineering services to significantly remodel or construct a new Environment and Agriculture Center. Based on the need to carefully gather stakeholder input on the functionality and design of the facility and the timing of bidding and approval by the Local Government Commission, funding for construction was delayed for one year and included in the FY 2017-18 plan.

- **Historic Rogers Road Sewer Project - \$5.68 million**

The Historic Rogers Road Sewer installation project is underway and on schedule. The Board recently authorized staff to proceed with easement acquisition, and construction is scheduled to begin in early 2017. Since the County will administer the construction contract with the Orange Water and Sewer Authority, the entire project cost is budgeted in the County's capital plan. However, these costs will be offset by contributions from the Town of Chapel Hill and the Town of Carrboro as either one time payments or annual installment payments to offset the cost of debt service.

- **Conservation Easements - \$500,000**

The CIP recommends continuing \$500,000 in annual funding for conservation easements as part of the Lands Legacy program. This appropriation is intended to provide matching funds for State and Federal grants to acquire conservation easements to preserve prime or threatened farmland, sensitive natural areas, or water quality buffer lands.

Policy Priorities

The Board of Orange County Commissioners articulated several policy priorities during its annual retreat. The CIP recommends funding associated with many of those priorities as well as funding for projects that have been introduced and approved conceptually as part of the Board's regular legislative process.

- **School Capital Improvements - \$47.6 million**

The recommended CIP includes a total of \$47.6 million to finance school capital improvements. Of this total, \$40 million is contingent on the successful passage of a \$120 million general obligation bond referendum scheduled for November. The CIP recommends that the total authorized amount be divided into three installments of \$40 million in years one, three, and five of the five year plan. The funds are distributed between the two school districts based on their proportion of average daily membership.

The remaining \$7.6 million allocated for school capital projects is consistent with prior year allocations. This funding comes from a mix of sources including pay-as-you-go funds, lottery proceeds, Article 46 sales tax proceeds, and an additional \$1 million in debt financed borrowing targeted at facility improvements in older schools.

- **Affordable Housing - \$3.5 million**

One of the highest policy priorities expressed by the Board during its annual retreat was the development and maintenance of affordable housing in the County with an emphasis on affordable rental housing. Over the next several weeks, the Board will be considering the adoption of an Affordable Housing Strategic Plan which will guide the use of affordable housing funds. The CIP assumes that the \$5 million general obligation bond for affordable housing is successful in November and that \$2.5 million would be allocated for use in FY 2016-17, and the remaining \$2.5 million would be authorized in FY 2018-19.

While general obligation bond proceeds will likely be used to expand the number of affordable housing units in the County, the preservation of land for affordable housing represents another important strategy. The FY 2016-17 CIP recommends an additional \$1 million to fund a land banking initiative started by the Board in FY 2015-16.

- **Community Centers - \$35,000**

The Board also identified the continued development of community centers as a policy priority for the coming year. The County has recently made investments in the Rogers Road Community Center and will open and begin programming at the Cedar Grove Community Center this summer. The CIP recommends beginning a new investment in the Efland-Cheeks Community Center by including \$35,000 in planning and design funds in FY 2016-17 to expand and modernize the facility and improve landscaping. A total of \$391,000 is recommended in FY 2017-18 to finance remodeling and landscaping work.

- **Senior Centers - \$990,000 Seymour Center**

In 2015, the Board considered the space needs for the Seymour Center as part of the Southern Campus Master Plan report and expressed interest in addressing some of those short term space needs. The 2016-17 CIP recommends an interior remodel to increase programming space by 4,500 square feet as well as the addition of approximately 55 paved parking spaces to accommodate Senior Center users. Future facility needs for both the Seymour Center and the Jerry M. Passmore Center (formerly Central Orange) will be expressed in the Master Aging Plan which will inform future funding decisions.

- **Economic Development - \$145,000 Water and Sewer Projects**

The Board expressed interest in defining economic development objectives and increasing the number of living wage job opportunities in the County through economic development. The County has previously appropriated over \$2.3 million to build out water and sewer infrastructure in the economic development districts to stimulate commercial and industrial development and job creation. The recommended CIP for FY2016-17 adds \$120,000 to the Eno Economic Development District project for design and possible easement acquisition and provides \$25,000 to purchase right-of-way access in the Buckhorn Economic Development District to make it more accessible to high capacity transportation corridors.

- **Facility Accessibility and Security Improvements - \$190,000**

One component of the Space Study Work Group was focused on facility accessibility for people with disabilities. The CIP recommends \$190,000 in FY 2016-17 to fund significant accessibility improvements at the Whitted facility, the historic Courthouse, and security access doors throughout the County. The other accessibility improvements identified by the study do not meet the dollar threshold to be included in the CIP. Those improvements will be accomplished using operating budget resources.

- **Emergency Medical Services (EMS) Substation Colocation - \$500,000**

The Board has encouraged intergovernmental cooperation with our municipal partners. The FY2016-17 CIP recommends working with the Town of Chapel Hill to collocate an EMS substation with one of the Town's fire stations. The colocation opportunity reduces the initial cost of construction and promotes operating efficiency through the use of shared community space. The new facility would be located on Hamilton Road in the Glen Lennox area of Chapel Hill which provides ready access to a main transportation corridor and an area of dense population and development. The ambulance that would be located in this facility is currently staged out of a parking lot which lacks protection for the vehicle and sleeping quarters for staff.

Parks, Open Space, and Trail Development

The Board has consistently expressed support for parks, open space, and trail development that preserve natural areas of the County and promote nature activities for County residents. This support is represented by the Parks and Open Space Master Plan as well as the master plans that have been adopted for each individual park property. The FY2016-17 CIP recommends funding for the following projects.

- **Blackwood Farm Park - \$1.26 million**

The master plan for Blackwood Farm Park highlights the historical significance of the agricultural activities that occurred there. The master plan also includes picnic shelters, trails, an amphitheater, and large open play fields. Funding recommended for FY2016-17 would improve access to the park from Highway 86 by installing a turn lane, improve the entrance to the park, and construct more parking.

- **Cedar Grove Park – Phase II - \$60,000**

Cedar Grove Park includes baseball/softball fields as well as basketball courts. The FY2016-17 appropriation would fund renovating and replacing the aging basketball courts.

- **Mountains to Sea Trail - \$521,000**

A master planning effort for the Orange County segment of the Mountains to Sea Trail is currently underway for the segment of trail southwest of the Occoneechee Mountain. The FY 2016-17 appropriation would fund initial trail construction of dedicated trail segments, acquisition of easements, signage, and fencing. Additional funding for voluntary land acquisition would come from the Lands Legacy Program funds.

- **Hollow Rock Nature Park (New Hope Preserve) - \$235,000**

The Hollow Rock Nature Park is a joint effort by Orange County, Durham County, and the Town of Chapel Hill. Funding is recommended in FY2016-17 for site facilities such as parking, a driveway, trails and bridges, kiosks, and other low impact amenities. Part of the cost of these amenities (\$117,500) is shared with Durham County.

- **River Park – Phase II - \$50,000**

The River Park project is done in collaboration with the Town of Hillsborough. As the Town proceeds with pedestrian improvements along Churton Street, the CIP recommends that the County improve the entryway to the park, signage, and stormwater facilities in FY2016-17.

- **Little River Park – Phase II - \$100,000**

Little River Park is also a joint effort with Durham County. Funding is recommended in FY2016-17 to repave the park entry road, expand parking, repave the ADA loop trail, and add a new maintenance shed. Half of these costs (\$50,000) would be shared with Durham County.

- **Fairview Park Access and Parking Improvements - \$325,000**

The Board of Commissioners approved a plan to create a new access entry and parking lot for Fairview Park. The funding recommended in FY 2016-17 would complete those improvements.

Information Technology and Communications

Significant information technology and communication improvements are financed through the Capital Investment Plan. These projects maintain and expand the capabilities of the County's current information technology infrastructure, employ new technologies to better meet the needs of County residents, protect and store critical data, and improve internal operating efficiencies.

- **Information Technology Infrastructure - \$500,000**

The FY 2016-17 recommendations for Information Technology Infrastructure would fund server upgrades, end user device replacements, data storage, network improvements, and the continued deployment of wireless capabilities.

- **Technology Improvements - \$500,000**

The FY2016-17 recommendation also includes technology improvements that have been recommended through the Information Technology Governance Council. These new technologies include encryption software, scheduling and mobile data terminals for Orange Public Transportation, mobile computing and automatic vehicle locator software for the Sheriff's Office, case management software for the Criminal Justice Resource office, and Countywide initiatives for to improve the Kronos timekeeping system, MUNIS Electronic Content Management System, and Performance and Training Management software for Human Resources.

- **Fiber Connections for County facilities - \$60,000**

The FY2016-17 recommendation also includes engineering services to begin a multiyear effort to connect all County facilities with publicly owned fiber connections. This project will be coordinated with other public sector entities to leverage existing fiber resources and reduce the cost of installing fiber independently.

- **Board of Orange County Commissioners Technology Initiatives - \$50,000**

An additional \$50,000 is recommended to fund technology priorities defined by the Board of County Commissioners that may not be included in the other requests.

- **Communication System Improvements - \$166,000**

The County has been engaged in a multiyear effort to replace its radio communication equipment. For FY2016-17, \$166,000 is recommended to finalize the replacement of radios for Emergency Services. The CIP identifies replacement of the Sheriff's radios in FY2017-18 to complete the County-wide replacement project.

Critical Infrastructure Improvements

The Recommended CIP also includes infrastructure investments that are important to the continued safety, security, and maintenance of County facilities and operations.

- **Hardened 911 Center - \$980,000**

The current 911 Center is located on the second floor of a steel framed building that does not provide an adequate level of security during storm events that produce very strong winds like a tornado or hurricane. The FY2016-17 CIP recommends funding for architectural, engineering and construction services to construct a 1,600 square foot hardened 911 Center as a primary location at 510 Meadowlands Road. The communication equipment for the project (\$600,000) would be funded using State 911 Board funding.

- **Southern Human Services Facilities Expansion - \$300,000**

A facility programming study is currently underway to conduct a facility and space needs assessment for health and social services delivery. The recommendation for FY 2016-17 builds on the concept study by providing funds for design services.

- **Other Critical Infrastructure Improvements for 2016-17**

- **Roofing Projects** - \$206,700 for the building housing the District Attorney and the Central Recreation building
- **Historic Courthouse Square** - \$40,000 to begin planning and design of landscaping and exterior brickwork improvements
- **Generator Projects** - \$375,000 to acquire and install emergency generators at the Animal Services facility, Cedar Grove Community Center, Efland-Cheeks Community Center, Rogers Road Community Center, and the Jerry M. Passmore Center (formerly Central Orange)

Financing the Capital Investment Plan

The Recommended Capital Investment Plan totals \$72.9 million in total expenditures. Of that amount, \$62.9 million is recommended to be financed by County funded debt. Other funding is derived from a variety of sources, ranging from cash or pay-as-you-go funds, to sales tax revenue. The recommended funding sources for the FY 2016-17 CIP is as follows:

- General Obligation Bonds \$42.5 million¹
- Debt Financing – County Funded \$20.4 million
- Debt Financing – Solid Waste \$562,000
- Pay-as-You-Go – County Funded \$4.67 million
- Lottery Proceeds \$1.36 million
- Pay-as-You-Go – Sportsplex \$320,000
- Partner Contributions \$577,500
- Transfers from Other Capital Projects \$260,000
- Register of Deeds Fees (Technology) \$80,000
- Article 46 Sales Tax Proceeds \$1.58 million
- State 911 Funds \$600,000

Appreciation and Next Steps

A document as significant and complex as a Capital Investment Plan involves the great work of many County staff. I would like to thank each of the department directors who contributed their creativity and professional insights throughout this process. I would also like to thank the County’s conscientious and dedicated staff from Finance and Administrative Services most notably Chief Financial Officer, Gary Donaldson, Deputy Finance Director, Paul Laughton, and Budget Analyst, Darrell Butts. Their sharp financial acumen, attention to detail, and impressive work ethic shaped and produced the document we are introducing today for the Board’s consideration.

I look forward to working with you over the next several weeks to improve upon the Manager’s Recommended Capital Investment Plan. Please contact me or the Deputy Manager with any questions.

¹ Contingent on successful passage of a bond referendum in November 2016.

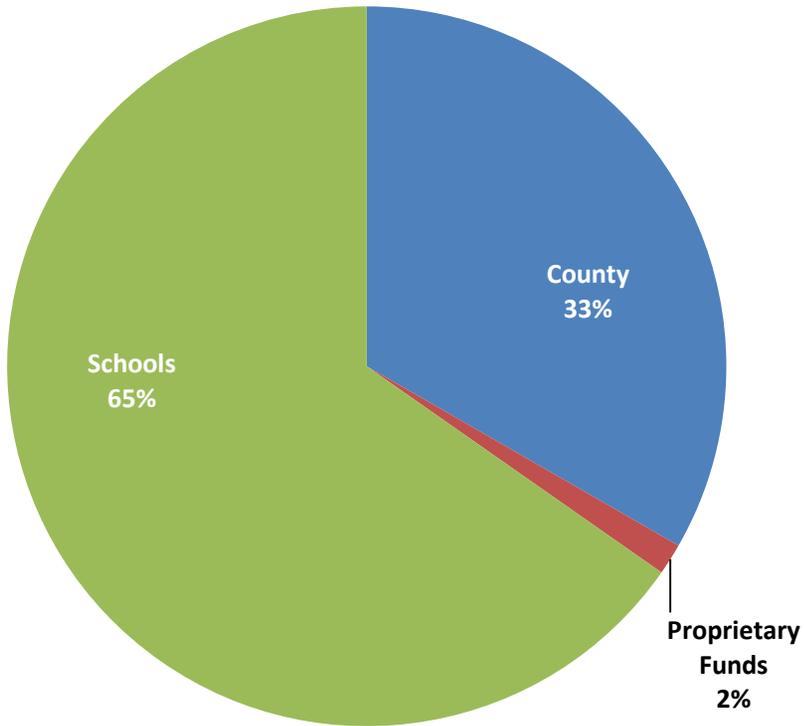
Orange County Capital Investment Plan- Plan Summary - RECOMMENDED
Fiscal Years 2016-21

	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations								
County Capital Projects	7,303,674	21,773,700	39,050,440	9,879,800	15,649,000	25,130,000	111,482,940	30,418,772
Bond Referendum Projects		2,500,000		2,500,000			5,000,000	
Total County Capital Projects		24,273,700	39,050,440	12,379,800	15,649,000	25,130,000	116,482,940	
Proprietary Capital Projects								
Water & Sewer Utilities	2,340,000	145,000	895,000	375,000	2,145,000	25,000	3,585,000	
Solid Waste	1,317,384	562,717	1,076,746	1,122,521	2,089,973	807,473	5,659,430	5,908,717
Sportsplex	3,150,000	320,000	400,000	400,000	380,000	1,775,000	3,275,000	1,900,000
Schools Capital Projects								
Chapel Hill Carrboro City Schools	4,726,246	4,635,910	4,683,863	4,732,536	4,781,939	4,832,082	23,666,331	21,885,792
Bond Referendum Projects		24,428,000		24,428,000		24,428,000	73,284,000	
Total Chapel Hill Carrboro City Schools		29,063,910	4,683,863	29,160,536	4,781,939	29,260,082	96,950,331	
Orange County Schools	2,990,254	2,955,233	2,985,801	3,016,828	3,048,321	3,070,286	15,076,470	13,951,437
Bond Referendum Projects		15,572,000		15,572,000		15,572,000	46,716,000	
Total Orange County Schools		18,527,233	2,985,801	18,588,828	3,048,321	18,642,286	61,792,470	
Durham Tech Community College (Orange Co Campus)			623,879	-	-	-	623,879	20,000,000
Total	21,827,558	72,892,560	49,715,729	62,026,685	28,094,233	75,639,841	288,369,050	94,064,718
Revenues/Funding Source								
Available Project Balances							-	
Transfer from Capital Reserve							-	
Transfer from General Fund - County	755,000	867,500	611,909	405,000	1,380,000	1,042,500	4,306,909	3,974,500
Transfer from General Fund - W & S Utilities							-	
Transfer from General Fund - Schools	3,724,849	3,799,346	3,856,336	3,914,181	3,972,894	4,032,487	19,575,246	21,088,098
Transfer from other Capital Projects		260,000	20,000				280,000	
County Capital Fund Balance							-	
Visitors Bureau Fund Balance							-	
Solid Waste Fund Balance	596,543		104,972		117,946		222,918	132,524
Sportsplex Fund Balance	350,000	320,000	400,000	400,000	380,000	275,000	1,775,000	1,900,000
Recycling - 3R Fee							-	
Lottery Proceeds	1,356,362	1,356,362	1,356,362	1,356,362	1,356,362	1,356,362	6,781,810	6,781,810
QSCBs								
Register of Deeds Fees	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
9-1-1 Funds	369,499						-	
State 9-1-1 Funds		600,000					600,000	

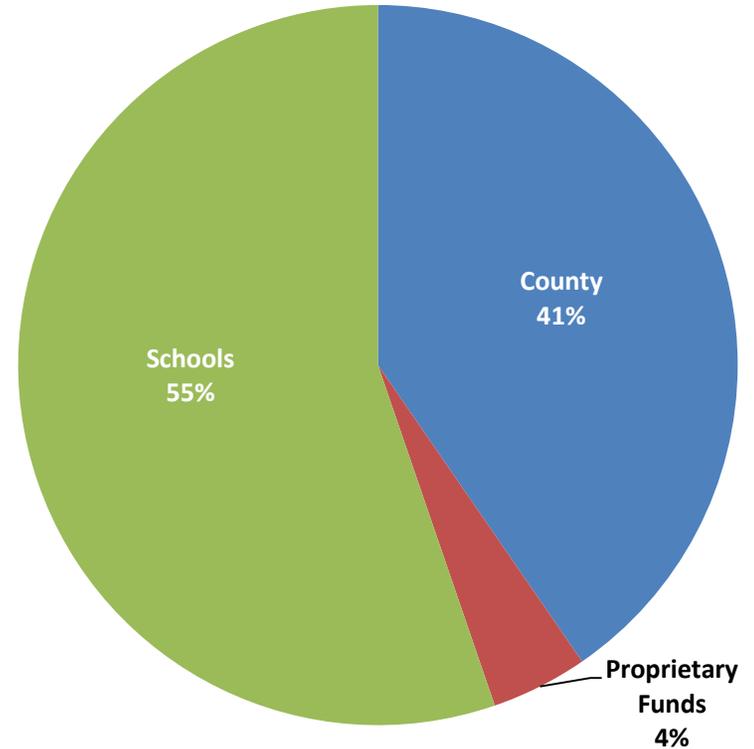
	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Grants & Contributions</i>	762,840	577,500	255,000	1,270,000	3,450,000	377,500	5,930,000	3,012,500
<i>Grants - Solid Waste Fund</i>							-	
<i>User Fees/Donations</i>							-	
<i>Article 46 Sales Tax Proceeds - Schools</i>	1,407,289	1,435,435	1,456,966	1,478,821	1,501,004	1,513,519	7,385,745	7,967,321
<i>Article 46 Sales Tax Proceeds - W & S</i>	340,000	145,000	115,000	375,000	25,000	25,000	685,000	
<i>State Revolving Loan Funds</i>							-	
<i>Financing:</i>								
<i>Debt Financing - County Capital</i>	5,336,335	19,388,700	38,083,531	8,124,800	10,739,000	23,630,000	99,966,031	23,031,772
<i>Debt Financing - W & S Utilities</i>	2,000,000		780,000		2,120,000		2,900,000	
<i>Debt Financing - Solid Waste</i>	720,841	562,717	971,774	1,122,521	1,972,027	807,473	5,436,512	5,776,193
<i>Debt Financing - Sportsplex</i>	2,800,000					1,500,000	1,500,000	
<i>Debt Financing - Special Revenue Funds</i>		-					-	
<i>Debt Financing - E-9-1-1</i>							-	
<i>Debt Financing - Affordable Housing (Bond Proceeds)</i>		2,500,000		2,500,000			5,000,000	
<i>Debt Financing - Schools (Bond Proceeds)</i>		40,000,000		40,000,000		40,000,000	120,000,000	
<i>Debt Financing - Durham Tech (Orange Co. Campus)</i>			623,879				623,879	20,000,000
<i>Debt Financing - Schools Capital</i>	1,228,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	
Total	21,827,558	72,892,560	49,715,729	62,026,685	28,094,233	75,639,841	288,369,050	94,064,718

**FY 2016-21 Orange County Capital Investment Plan Projects
County-Wide Summary - Appropriations**

**Year 1: FY 2016-17
\$72,892,560**

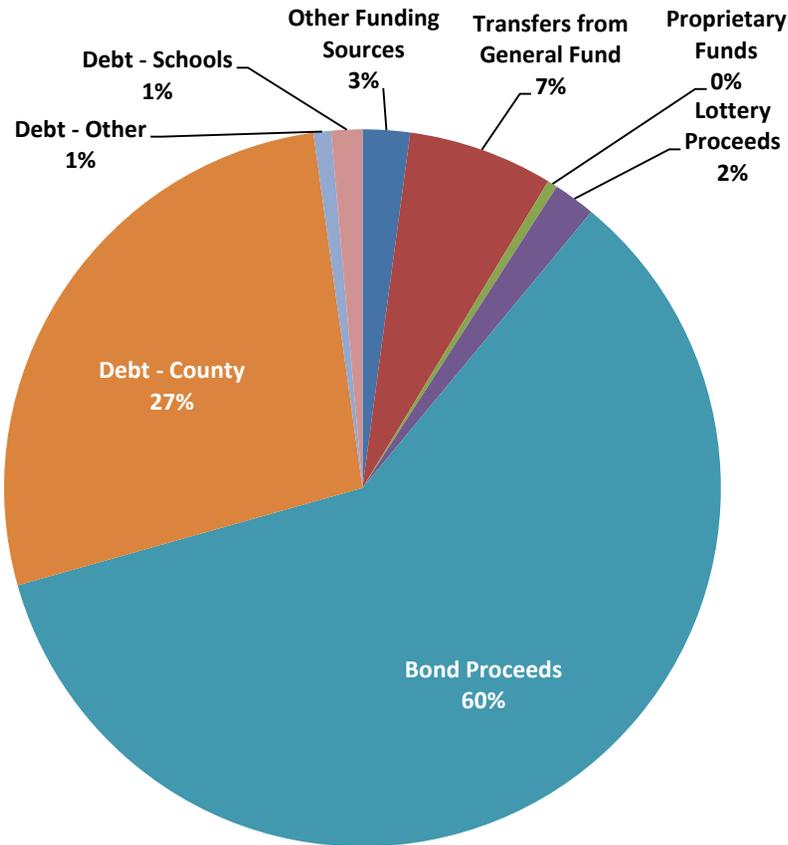


**Years 1-5: FY 2016-2021
\$288,369,050**

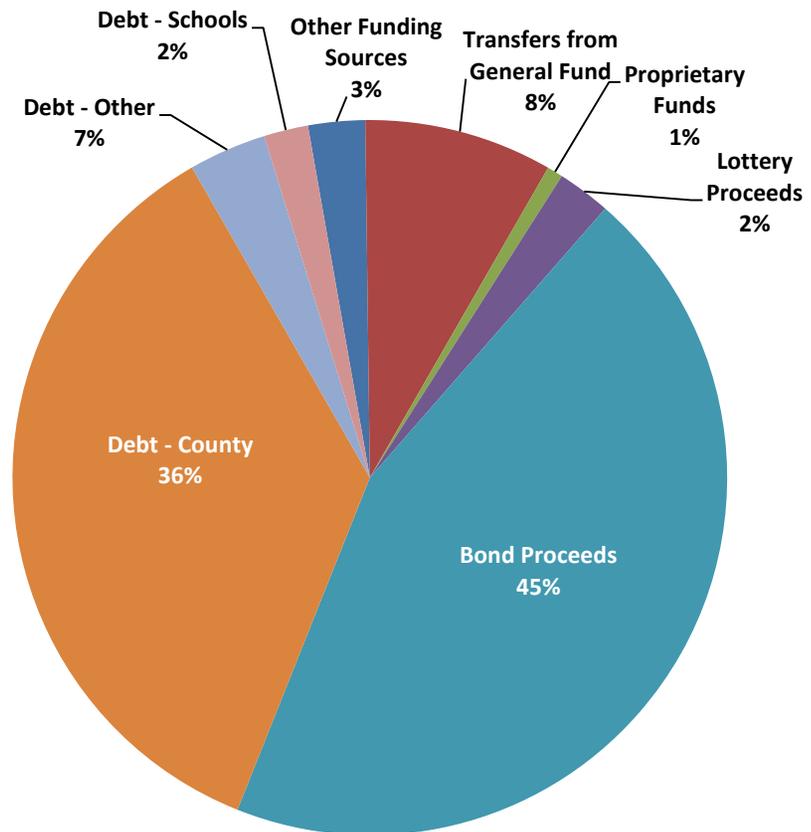


FY 2016-21 Orange County Capital Investment Plan Projects County-Wide Summary - Revenues

Year 1: FY 2016-17
\$72,892,560



Years 1-5: FY 2016-2021
\$288,369,050



Note:

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

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

Proprietary Fund includes Solid Waste Program 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.

Water & Sewer Utilities Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations								
<i>Efland/North Buckhorn Sewer Expansion</i>							-	
<i>McGowan Creek Outfall</i>							-	
<i>Buckhorn-Mebane EDD Phase 2</i>							-	
<i>Efland Sewer Flow to Mebane</i>	240,000	-	-	-	-	-	-	
<i>Economic Development Infrastructure</i>	50,000	25,000	25,000	25,000	25,000	25,000	125,000	
<i>Hillsborough EDD</i>	1,000,000	-	380,000	-	-	-	380,000	
<i>Eno EDD</i>	1,050,000	120,000	490,000	-	-	-	610,000	
<i>Buckhorn-Mebane EDD Phase 3 & 4</i>	-	-	-	350,000	2,120,000	-	2,470,000	
Total	2,340,000	145,000	895,000	375,000	2,145,000	25,000	3,585,000	-
General Fund Related Operating Costs								
<i>Personnel Services</i>								
<i>Operations</i>								
<i>New Debt Service</i>	931,511	1,091,511	1,091,511	1,153,911	1,153,911	1,323,511	5,814,355	6,617,555
<i>Total Operating Costs</i>	931,511	1,091,511	1,091,511	1,153,911	1,153,911	1,323,511	5,814,355	6,617,555
Revenues/Funding Source								
<i>Transfer from General Fund</i>	-		-		-		-	
<i>Transfer from Other Projects (30017)</i>							-	
<i>General Fund - Debt Service Payments</i>	224,515	224,515	224,515	224,515	224,515	224,515	1,122,575	1,122,575
<i>Article 46 Sales Tax - Debt Service</i>	706,996	866,996	866,996	929,396	929,396	1,098,996	4,691,780	5,494,980
<i>Reserve Funds - Article 46 Sales Tax</i>							-	
<i>Article 46 Sales Tax Proceeds</i>	340,000	145,000	115,000	375,000	25,000	25,000	685,000	
<i>CDBG Grant</i>							-	
<i>State Revolving Loan Funds</i>							-	
<i>Debt Financing - Article 46 Sales Tax</i>	2,000,000		780,000		2,120,000		2,900,000	-
Total	3,271,511	1,236,511	1,986,511	1,528,911	3,298,911	1,348,511	9,399,355	6,617,555

Solid Waste Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations								
<i>Environmental Support</i>		-	116,484	-	-	-	116,484	
<i>Sanitation - Equipment</i>		217,285	155,478	251,790	359,832		984,385	745,126
<i>Recycling - Vehicles and Equipment</i>	1,152,384	345,432		552,189	825,886	807,473	2,530,980	4,147,570
<i>Eubanks Road Convenience Center</i>							-	
<i>High Rock Road Convenience Center</i>			804,784				804,784	
<i>Ferguson Road Convenience Center</i>					904,255		904,255	
<i>Bradshaw Quarry Convenience Center</i>							-	1,016,021
<i>Roll-Card Distribution/Maintenance Bldg</i>	165,000						-	
<i>Landfill - C & D Equipment</i>				318,542			318,542	
Total	1,317,384	562,717	1,076,746	1,122,521	2,089,973	807,473	5,659,430	5,908,717
Solid Waste Fund Related Operating Costs								
<i>Personnel Services</i>		39,429	71,480	72,153	72,832	73,519	329,413	371,059
<i>Operations</i>	44,000	32,405	83,773	33,852	43,346	36,956	230,332	186,781
<i>New Debt Service</i>	384,269	497,376	619,463	745,650	989,192	1,321,931	4,173,612	6,661,939
<i>Total Operating Costs</i>	428,269	569,210	774,716	851,655	1,105,370	1,432,406	4,733,357	7,219,779
Revenues/Funding Source								
<i>Solid Waste - Debt Service</i>	384,269	497,376	619,463	745,650	989,192	1,321,931	4,173,612	6,661,939
<i>Solid Waste Funds</i>	640,543	71,834	260,225	106,005	234,124	110,475	782,663	690,364
<i>Debt Financing</i>	720,841	562,717	971,774	1,122,521	1,972,027	807,473	5,436,512	5,776,193
<i>Grant</i>							-	
Total	1,745,653	1,131,927	1,851,462	1,974,176	3,195,343	2,239,879	10,392,787	13,128,496

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 residents of Orange County.

Sportsplex Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Project Budget	Prior Fiscal Year 2014-15	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations									
<i>New Facilities Projects:</i>									
Field House Expansion Fitness section(1)	950,000							-	
Field House Sports and Recreation Section(1)		2,800,000						-	
<i>Facility Maintenance/Replacement Items:</i>									
Parking Lot Repair/Repave (2)		150,000						-	200,000
Pool wall reglaze (2)	125,000							-	
Tilt up Panel (exterior wall system) (2)	100,000							-	
Rotating Fitness Equipment Upgrade/Replacement (9)			100,000		100,000		100,000	300,000	350,000
Kidsplex Equipment Upgrade (10)				50,000				50,000	100,000
Pool pump/filter (11)		100,000						-	
Major upgrade of Servers, Telephones (8)			35,000					35,000	50,000
Rink concrete ice floor repair (3) Completed		75,000						-	
Ice Rink Re-Build (4)							1,500,000	1,500,000	
Rink de-humidification /Ice Rink Munters (5)						125,000		125,000	
Major rebuild - compressors/chiller barrel (7)					100,000			100,000	
Climbing Wall (deferred to 2017-18)				100,000				100,000	
HVAC Contingency (12)			50,000		85,000			135,000	250,000
IT/Communications/Security Contingency (13)				50,000				50,000	100,000
Ice Rink/Fitness Wall Repair Paint Project			40,000					40,000	50,000
Pool Lane Timer/Scoreboard (4)								-	40,000
Rink Scoreboard			20,000					20,000	
Outside Play Area (6)			45,000					45,000	
Inflatables (14)			30,000		25,000	5,000		60,000	30,000
Boiler/Pumps (15)				75,000		50,000		125,000	125,000
Pools Replaster and Tile(16)				125,000				125,000	125,000
Low Mtc., High Efficiency Pool Chemical Feed Upgrade					90,000			90,000	
Signage Upgrade		25,000						-	30,000
Ice Rink Renovation: Boards; Lockers, Rubberized Floor							175,000	175,000	
Upgrade to High Efficiency Utility Mgmt. System						200,000		200,000	
Roof Asset Mgmt. Program (RAMP) recommendations									450,000
Total	1,175,000	3,150,000	320,000	400,000	400,000	380,000	1,775,000	3,275,000	1,900,000
Sportsplex Related Debt Service Costs									
New Debt Service		91,200	360,000	360,000	360,000	360,000	360,000	1,800,000	2,520,000
Total		91,200	360,000	360,000	360,000	360,000	360,000	1,800,000	2,520,000
Revenues/Funding Source									
Sportsplex Fund Balance	225,000	350,000	320,000	400,000	400,000	380,000	275,000	1,775,000	1,900,000
Sportsplex - Debt Service		91,200	360,000	360,000	360,000	360,000	360,000	1,800,000	2,520,000
Debt Financing	950,000	2,800,000	-	-	-	-	1,500,000	1,500,000	
Total	1,175,000	3,241,200	680,000	760,000	760,000	740,000	2,135,000	5,075,000	4,420,000

1. No change in growth assumptions from prior years submittal. Project was re-scoped to create national class recreation facility adding indoor turf and court. Fitness space in Pool Mezzanine moved to Field House for construction synergies. All phases now consolidated to facilitate maximum construction logistics and cost efficiencies with a Spring 2016 groundbreaking.

Field House fitness section to feature new member lockers; dedicated spin/row/yoga studio: strength center and aging adults cardio center.

Field House sports/recreation section to include indoor turf field and courts for soccer, lacrosse, senior walking, running, basketball, volleyball, pickleball and proprietary RFP programs such as Lil Kickers/Dunkers . NOTE: Projected annual revenues related to this project are anticipated to more than cover the annual debt service required for this project. Land has been acquired and parking plan approved.

2. Parking Lot repave; pool wall; exterior paint all deferred to be done with Field House addition for construction synergy purposes

3. Rink floor repair completed and paid out of Operating Funds

4. Formal studies estimate the average life of concrete roads at 27 years. (40 years in southern climates and 18 years in the north). The same permafrost conditions that shorten the useful lives of concrete roads in the north impact ice rinks. In 2020 the rink will be 25 years old and investment in a new rink system (including refrigeration systems) will protect this significant source of annual revenue.

5. Key Munters components replaced out of emergency fund in 2015. Estimated useful life extended by four years.

6. Outside play area for Pre-school and a statutory requirement to be all day care certified. Grants may be available.

7. Routine process to extend useful life by 5 years. Moved from 2016-17 to 17-18 to better spread spending.

8. Building wide telephone/intercom scheduled to be completed with major building expansion.

9. Cardio equipment has a useful life of 3 years with the heavy usage. While quality maintenance can extend life, it is prudent to maintain a budgeted contingency based on industry replacement standards.

10. With growth in Kidsplex programs we expect more equipment needs and wear to high usage.

11. Filter/pump replacement due to shell corrosion. Structural integrity fail is imminent. To be done as soon as possible.

12. Contingency for HVAC equipment, many units are over 20 year old. Average useful life is 15 years.

13. Contingency to replace and/or upgrade servers, point of sale register, entry security systems.

14. Inflatables are a low cost way to generate revenue. Can be used for Kidsplex; Parties and for fee admission. Payback is less than one year. To be positioned in space created with the Field House expansion.

15. Boilers and Pumps have the least useful life if any class of commercial/industrial equipment. Contingency for replacement.

16. Replaster required every 8 years. This is in year 10 also.

Schools Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects by School System	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Chapel Hill Carrboro City Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	2,275,138	2,320,260	2,355,064	2,390,390	2,426,246	2,462,639	11,954,600	12,878,498
Lottery Proceeds ⁽²⁾	835,626	828,330	828,330	828,330	828,330	828,330	4,141,650	4,141,650
Article 46 Sales Tax Proceeds	865,482	876,620	889,769	903,116	916,663	930,413	4,516,581	4,865,644
Facility Improvements to Older Schools		610,700	610,700	610,700	610,700	610,700	3,053,500	
Bond Referendum Projects ⁽³⁾		24,428,000		24,428,000		24,428,000	73,284,000	
Preliminary Planning Funds ⁽⁴⁾	750,000						-	
Total	4,726,246	29,063,910	4,683,863	29,160,536	4,781,939	29,260,082	96,950,331	21,885,792
Orange County Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	1,449,711	1,479,086	1,501,272	1,523,791	1,546,648	1,569,848	7,620,646	8,209,600
Lottery Proceeds ⁽²⁾	520,736	528,032	528,032	528,032	528,032	528,032	2,640,160	2,640,160
Article 46 Sales Tax Proceeds	541,807	558,815	567,197	575,705	584,341	583,106	2,869,164	3,101,677
Facility Improvements to Older Schools		389,300	389,300	389,300	389,300	389,300	1,946,500	
Bond Referendum Projects ⁽³⁾		15,572,000		15,572,000		15,572,000	46,716,000	
Preliminary Planning Funds ⁽⁴⁾	478,000						-	
Total	2,990,254	18,527,233	2,985,801	18,588,828	3,048,321	18,642,286	61,792,470	13,951,437
Durham Tech Community College (Orange County Campus)								
<i>Long Range Capital</i>								
State Bond - County Match ⁽⁵⁾			623,879				623,879	
Construction/Expansion Project ⁽⁶⁾							-	20,000,000
Total	-	-	623,879	-	-	-	623,879	20,000,000
Total all Schools	7,716,500	47,591,143	8,293,543	47,749,364	7,830,260	47,902,368	159,366,680	55,837,229
Revenues/Funding Source								
General Fund (Pay-As-You-Go)	3,724,849	3,799,346	3,856,336	3,914,181	3,972,894	4,032,487	19,575,246	21,088,098
Lottery Proceeds	1,356,362	1,356,362	1,356,362	1,356,362	1,356,362	1,356,362	6,781,810	6,781,810
Article 46 Sales Tax Proceeds	1,407,289	1,435,435	1,456,966	1,478,821	1,501,004	1,513,519	7,385,745	7,967,321
Debt Financing - Durham Tech (Orange Co Campus)			623,879				623,879	20,000,000
Debt Financing - Bond Proceeds		40,000,000	-	40,000,000	-	40,000,000	120,000,000	-
Debt Financing - Facility Improvements	1,228,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	
Total	7,716,500	47,591,143	8,293,543	47,749,364	7,830,260	47,902,368	159,366,680	55,837,229

Note: School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need. The FY 2016-21 CIP is based on the most recent proposed SAPFO projections shared with the Board of County Commissioners in December 2015, scheduled to be certified in Spring 2016.

⁽¹⁾ Pay-As-You-Go funds reflect a 2% increase in funding in FY 2016-17 from FY 2015-16, and assumes a 1.5% annual growth throughout the remaining years of the CIP.

⁽²⁾ Lottery Proceeds are assumed at the same amount throughout the remaining CIP period, based on the most recent lottery estimates from the State. The County uses Lottery Proceeds towards school debt service and substitutes that amount of proceeds as additional PAYG funds to each school system based on the Average Daily Membership (ADM).

⁽³⁾ Assumes the Bond Referendum passes in November 2016, with first issuance in Spring 2017, based on current ADM.

⁽⁴⁾ Preliminary Planning Funds in FY 2015-16 allow the school systems to be "shovel ready" for a project or projects after a successful Bond Referendum.

⁽⁵⁾ Includes the County match for the Durham Technical Community College - Orange County Campus, based on the voter approved March 2016 State Bond.

⁽⁶⁾ Includes construction of a Health Technology Building (56,000 square foot) and surface parking of 250 spaces.

County Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations								
<i>Southern Orange Campus (Future Planning)</i>			2,000,000			2,000,000	4,000,000	
<i>Robert and Pearl Seymour Senior Center</i>		990,000					990,000	7,500,000
<i>Southern Human Services Center (Expansion)</i>	150,000	300,000	5,185,000				5,485,000	
<i>Southern Branch Library</i>	472,500	6,375,000					6,375,000	
<i>Main Branch Library - Remodel</i>		-	-				-	1,200,000
<i>HVAC Projects - Geothermal</i>							-	145,000
<i>Roofing Projects</i>	172,000	206,700	78,609	149,300			434,609	1,959,272
<i>Information Technology</i>	878,100	1,110,000	1,500,000	1,500,000	1,500,000	1,500,000	7,110,000	2,500,000
<i>Register of Deeds Automation</i>	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
<i>Detention Facility</i>	500,000	500,000	20,591,331				21,091,331	
<i>Whitted Building</i>							-	
<i>Environment and Agriculture Center</i>	300,000		3,149,500				3,149,500	
<i>Government Services Center Annex</i>			350,000				350,000	
<i>Parking Lot Improvements</i>	120,000					300,000	300,000	1,500,000
<i>Facility Accessibility and Security Improvements</i>	95,000	190,000		105,000		170,000	465,000	
<i>Historic Rogers Road Neighborhood Infrastructure</i>	812,000	5,680,000					5,680,000	
<i>Court Street Annex</i>							-	100,000
<i>Old Courthouse Square - Building/Grounds Impr.</i>		40,000	245,000				285,000	
<i>Generator Projects</i>	130,000	375,000					375,000	
<i>Affordable Housing Land Banking</i>	1,000,000	1,000,000					1,000,000	
<i>Affordable Housing Bond Projects</i>		2,500,000		2,500,000			5,000,000	
<i>Sheriff Equipment</i>							-	
<i>Board of Elections Equipment</i>	169,575						-	
<i>Orange County Radio/Paging System Upgrades</i>			500,000	500,000			1,000,000	1,000,000
<i>Communication System Improvements</i>		166,000	920,000				1,086,000	
<i>EMS Substations</i>		500,000	1,200,000	1,500,000	600,000	1,500,000	5,300,000	
<i>911 Center Improvements and Backup Capability</i>	369,499	980,000					980,000	
<i>Blackwood Farm Park</i>		1,260,000	1,815,000	2,572,500			5,647,500	599,500
<i>Bingham District Park</i>					300,000	6,700,000	7,000,000	
<i>Cedar Grove Park Phase II</i>		60,000	240,000	1,500,000			1,800,000	
<i>Conservation Easements</i>	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
<i>Upper Eno Nature Preserve-Public Access Area</i>	125,000		110,000		430,000		540,000	
<i>Soccer.com Soccer Center Phase II</i>	425,000			300,000	4,589,000		4,889,000	
<i>Lands Legacy</i>					500,000	500,000	1,000,000	2,500,000
<i>Millhouse Road Park</i>				300,000	6,400,000		6,700,000	
<i>Mountains to Sea Trail</i>		521,000	5,000	693,000		20,000	1,239,000	450,000

Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Hollow Rock Nature Park (New Hope Preserve)</i>	25,000	235,000	10,000				245,000	165,000
<i>Northeast District Park</i>					350,000	7,650,000	8,000,000	
<i>River Park Phase II</i>	300,000	50,000					50,000	
<i>Twin Creeks Park Campus Phase II</i>					220,000	3,780,000	4,000,000	4,000,000
<i>Little River Park Phase II</i>	100,000	100,000				250,000	350,000	
<i>Fairview Park Access and Parking Improvements</i>	100,000	325,000					325,000	3,000,000
<i>Cedar Grove Community Center</i>	180,000						-	
<i>Historic Rogers Road Community Center</i>							-	
<i>Efland-Cheeks Community Center Upfit</i>		35,000	391,000				426,000	
<i>Facility Renovations and Repairs</i>	300,000	195,000	180,000	180,000	180,000	180,000	915,000	900,000
Total	7,303,674	24,273,700	39,050,440	12,379,800	15,649,000	25,130,000	116,482,940	30,418,772
Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Revenues/Funding Source								
<i>Available Project Balances</i>							-	
<i>Transfer from Capital Reserve</i>								
<i>Transfer from General Fund</i>	755,000	867,500	611,909	405,000	1,380,000	1,042,500	4,306,909	3,974,500
<i>Transfer from Other Projects</i>		260,000	20,000				280,000	
<i>Register of Deeds Fees</i>	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
<i>User Fees/Donations</i>								
<i>County Capital Fund Balance</i>								
<i>Visitors Bureau Fund Balance</i>								
<i>9-1-1 Funds</i>	369,499	600,000					600,000	
<i>State 9-1-1 Funds</i>								
<i>Grant Funding from State/Fed for Parks</i>	250,000	400,000	250,000	1,010,000	250,000	250,000	2,160,000	2,930,000
<i>Contributions from Other Infrastructure Partners</i>	512,840	177,500	5,000	260,000	3,200,000	127,500	3,770,000	82,500
<i>Debt Financing - Affordable Housing Bond Proceeds</i>		2,500,000		2,500,000			5,000,000	
<i>Debt Financing - Special Revenue Funds</i>							-	
<i>Debt Financing - E-9-1-1</i>							-	
<i>Debt Financing</i>	5,336,335	19,388,700	38,083,531	8,124,800	10,739,000	23,630,000	99,966,031	23,031,772
Total	7,303,674	24,273,700	39,050,440	12,379,800	15,649,000	25,130,000	116,482,940	30,418,772
	-	-	-	-	-	-	-	-

County Capital Operating Impact Summary
Fiscal Years 2016-21

Related Operating Costs	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Personnel Services</i>							
<i>Southern Branch Library</i>	160,000	430,000	430,000	430,000	430,000	1,880,000	2,150,000
<i>Blackwood Farm Park</i>	77,738	77,738	138,000	138,000	138,000	569,476	690,000
<i>Bingham District Park</i>						-	390,000
<i>Cedar Grove Park Phase II</i>				18,500	18,500	37,000	92,500
<i>Upper Eno Nature Preserve</i>	40,000	40,000	40,000	40,000	47,000	207,000	235,000
<i>Soccer.com Soccer Center Phase II</i>					65,000	65,000	325,000
<i>Millhouse Road Park</i>			136,000	136,000	136,000	408,000	680,000
<i>Mountains to Sea Trail</i>	3,333	10,000	10,000	10,000	10,000	43,333	75,000
<i>Hollow Rock Nature Park (New Hope Preserve)</i>	40,000	47,000	47,000	47,000	47,000	228,000	235,000
<i>Northeast District Park</i>						-	610,000
<i>River Park, Phase II</i>	12,000	24,000	24,000	24,000	24,000	108,000	120,000
<i>Twin Creeks Park</i>						-	467,500
<i>Fairview Park Access and Parking Improvements</i>						-	98,000
<i>Cedar Grove Community Center</i>	49,801	49,801	49,801	49,801	49,801	249,005	249,005
<i>Efland-Cheeks Community Center Upfit</i>			27,434	27,434	27,434	82,302	137,170
<i>Operations</i>							
<i>Southern Branch Library</i>		150,000	150,000	150,000	150,000	600,000	750,000
<i>EMS Substations</i>	6,000	18,000	30,000	36,000	48,000	138,000	240,000
<i>911 Center Improvements and Backup Capability</i>		112,000	112,000	112,000	112,000	448,000	560,000
<i>Blackwood Farm Park</i>	26,000	26,000	52,000	52,000	52,000	208,000	260,000
<i>Bingham District Park</i>						-	275,000
<i>Cedar Grove Park Phase II</i>				20,000	20,000	40,000	100,000
<i>Upper Eno Nature Preserve</i>	10,000	10,000	12,000	12,000	22,000	66,000	110,000
<i>Soccer.com Soccer Center Phase II</i>				5,000	22,000	27,000	110,000
<i>Millhouse Road Park</i>			100,000	100,000	100,000	300,000	500,000
<i>Mountains to Sea Trail</i>	3,334	12,000	14,000	16,000	16,000	61,334	100,000
<i>Hollow Rock Nature Park (New Hope Preserve)</i>	8,000	10,000	12,000	12,000	12,000	54,000	60,000
<i>Northeast District Park</i>						-	300,000
<i>River Park, Phase II</i>	8,000	8,000	8,000	8,000	8,000	40,000	40,000
<i>Twin Creeks Park</i>						-	350,000
<i>Little River Park, Phase II</i>		5,000	5,000	5,000	5,000	20,000	50,000
<i>Fairview Park Access and Parking Improvements</i>							30,000
<i>Cedar Grove Community Center</i>	46,270	46,270	46,270	46,270	46,270	231,350	231,350
<i>Efland-Cheeks Community Center Upfit</i>			39,500	7,500	7,500	54,500	37,500

Related Operating Costs	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Debt Service</i>							
<i>Southern Human Services Center(Future Planning)</i>	38,400	38,400	230,400	230,400	230,400	768,000	2,112,000
<i>Robert and Pearl Seymour Senior Center</i>		95,040	95,040	95,040	95,040	380,160	475,200
<i>Southern Human Services Center Expansion</i>	24,480	53,280	551,040	551,040	551,040	1,730,880	2,755,200
<i>Southern Branch Library</i>	87,216	699,216	699,216	699,216	699,216	2,884,080	3,496,080
<i>Main Branch Library Remodel</i>		-	-	-	-	-	469,920
<i>HVAC Projects - Geothermal</i>	195,763	195,763	195,763	195,763	195,763	978,815	1,061,219
<i>Roofing Projects</i>	57,697	76,388	81,351	95,684	95,684	406,804	478,420
<i>Information Technology</i>	676,038	835,953	1,067,830	1,299,707	1,531,584	5,411,112	6,940,812
<i>Detention Facility</i>	24,000	120,000	2,096,768	2,096,768	2,096,768	6,434,304	10,483,840
<i>Whitted Building</i>	162,720	162,720	162,720	162,720	162,720	813,600	813,600
<i>Environment and Agriculture Center</i>	28,800	28,800	331,152	331,152	331,152	1,051,056	1,655,760
<i>Government Services Center Annex</i>			33,600	33,600	33,600	100,800	67,200
<i>Parking Lot Improvements</i>	11,520	11,520	11,520	11,520	11,520	57,600	777,600
<i>Historic Rogers Road Neighborhood Infrastructure</i>	27,933	573,213	573,213	573,213	573,213	2,320,785	2,866,065
<i>Generator Projects</i>	9,600	45,600	45,600	45,600	45,600	192,000	228,000
<i>Affordable Housing Land Banking</i>	96,000	192,000	192,000	192,000	192,000	864,000	960,000
<i>Affordable Housing Bond Projects</i>			240,000	240,000	480,000	960,000	2,400,000
<i>Sheriff Equipment</i>	111,650	111,650	111,650	111,650		446,600	
<i>Board of Elections Equipment</i>	183,161	183,161	183,161	183,161	36,565	769,209	
<i>Orange County Radio/Paging Systems Upgrade</i>	337,005	337,005	446,157	555,309	555,309	2,230,785	1,200,672
<i>Communication System Improvements</i>	253,054	289,292	490,129	263,738	237,075	1,533,288	437,912
<i>EMS Substations</i>		48,000	163,200	307,200	364,800	883,200	2,544,000
<i>911 Center Improvements and Backup Capability</i>		36,480	36,480	36,480	36,480	145,920	182,400
<i>Blackwood Farm Park</i>		109,440	281,760	528,720	528,720	1,448,640	2,808,336
<i>Bingham District Park</i>						-	3,216,000
<i>Cedar Grove Park Phase II</i>		5,760	19,200	105,600	105,600	236,160	528,000
<i>Conservation Easements</i>	250,000	250,000	250,000	250,000		1,000,000	-
<i>Upper Eno Nature Preserve</i>	12,000	12,000	22,560	22,560	63,840	132,960	319,200
<i>Soccer.com Soccer Center Phase II</i>	52,800	52,800	52,800	81,600	522,144	762,144	2,610,720
<i>Lands Legacy</i>	700,800	700,800	700,800	700,800	700,800	3,504,000	3,504,000
<i>Millhouse Road Park</i>					307,200	307,200	1,536,000
<i>Mountains to Sea Trail</i>		14,688	14,688	48,576	48,576	126,528	242,880
<i>Northeast District Park</i>						-	3,672,000
<i>River Park, Phase II</i>	28,800	28,800	28,800	28,800	28,800	144,000	144,000
<i>Twin Creeks Park</i>	57,600	57,600	57,600	57,600	78,720	309,120	3,744,000
<i>Fairview Park Access and Parking Improvements</i>		31,200	31,200	31,200	31,200	124,800	444,000
<i>Cedar Grove Community Center</i>	318,742	318,742	318,742	318,742	318,742	1,593,710	1,593,710
<i>Efland-Cheeks Community Center Upfit</i>			37,536	37,536	37,536	112,608	187,680

Related Operating Costs	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<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>	75,717	75,717	75,717	75,717	75,717	378,585	378,585
<i>Buckhorn EDD Phase 2</i>	340,484	340,484	340,484	340,484	340,484	1,702,420	1,702,420
<i>Efland Sewer Flow to Mebane</i>	366,512	366,512	366,512	366,512	366,512	1,832,560	1,832,560
<i>Hillsborough EDD</i>	80,000	103,200	103,200	103,200	103,200	492,800	516,000
<i>Eno EDD</i>	80,000	140,000	140,000	140,000	140,000	640,000	700,000
<i>Buckhorn EDD Phase 3 & 4</i>					169,600	169,600	848,000
<i>Total</i>	5,327,766	7,965,831	12,511,392	13,199,911	14,285,223	53,290,123	84,336,006
<i>Revenues/Funding Source</i>							
<i>General Fund - Operating Costs</i>	490,476	963,809	1,371,005	1,390,505	1,501,505	5,717,300	10,098,025
<i>General Fund - Debt Service</i>	3,628,101	5,597,633	9,735,998	10,522,695	11,327,407	40,811,834	66,956,426
<i>Special Revenue Funds - Debt Service</i>						-	-
<i>E-9-1-1 Fund - Debt Service</i>	117,678	117,678	117,678			353,034	
<i>Article 46 Sales Tax - Debt Service</i>	1,091,511	1,174,711	1,174,711	1,174,711	1,344,311	5,959,955	6,721,555
<i>E-9-1-1 Funds - Operating Costs</i>		112,000	112,000	112,000	112,000	448,000	560,000
<i>Operations/funding from other sources</i>						-	
<i>User Fees</i>						-	
<i>Total</i>	5,327,766	7,965,831	12,511,392	13,199,911	14,285,223	53,290,123	84,336,006

County Capital Projects
Fiscal Years 2016-21

Project Name	<i>Southern Orange Campus (Future Planning)</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Support Services</i>						Starting Date	<i>7/1/2011</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>7/1/2018</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services - Design work</i>	-			200,000			200,000	400,000	
<i>Construction/Repairs/Renovations</i>		-		1,800,000			1,800,000	3,600,000	
<i>Site Master Plan</i>	400,000							-	
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget</i>	400,000	-	-	2,000,000	-	-	2,000,000	4,000,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>								-	
<i>Operations</i>								-	
<i>New Debt Service</i>	38,400	38,400	38,400	38,400	230,400	230,400	230,400	768,000	2,112,000
<i>Total Operating Costs</i>		38,400	38,400	38,400	230,400	230,400	230,400	768,000	2,112,000
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>		38,400	38,400	38,400	230,400	230,400	230,400	768,000	2,112,000
<i>Transfer from Other Projects</i>								-	
<i>Debt Financing</i>	400,000	-	-	2,000,000			2,000,000	4,000,000	
<i>Total</i>	400,000	38,400	38,400	2,038,400	230,400	230,400	2,230,400	4,768,000	2,112,000

Project Description/Justification

There is no funding request in FY2016-17 for the Southern Orange Campus project. The \$200,000 in FY2017-18 is for site visioning and infrastructure design services, and funding of \$1,800,000 is for realignment and improvement of the access road, a parking lot expansion for the Human Services facility, and associated storm water improvements. An additional \$2,000,000 is planned in FY2020-21 for future design and infrastructure for the Southern Orange Campus.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Robert and Pearl Seymour Senior Center						Project Status	New	
Functional Service Area	Support Services						Starting Date		
Department	Asset Management Services						Completion Date		
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services</i>			100,000					100,000	600,000
<i>Construction/Repairs/Renovations</i>			585,000					585,000	6,500,000
<i>Construction - Additional Parking</i>			270,000					270,000	
<i>Equipment/Furnishings</i>			35,000					35,000	400,000
<i>Total Project Budget</i>	-	-	990,000	-	-	-	-	990,000	7,500,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>								-	
<i>Operations</i>								-	
<i>New Debt Service</i>				95,040	95,040	95,040	95,040	380,160	475,200
<i>Total Operating Costs</i>	-	-	-	95,040	95,040	95,040	95,040	380,160	475,200
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>	-	-	-	95,040	95,040	95,040	95,040	380,160	475,200
<i>Transfer from Other Projects</i>								-	
<i>Debt Financing</i>	-	-	990,000	-				990,000	7,500,000
<i>Total</i>	-	-	990,000	95,040	95,040	95,040	95,040	1,370,160	7,975,200

Project Description/Justification

The request of \$990,000 for FY2016-17 would fund an interior remodel and parking lot expansion. The interior remodel will add 4000 square feet of programmable space. The parking lot expansion add approximately 55 paved parking spaces to the current parking lot. These improvements are recommended as a short term solution to the needs expressed as part of the Southern Campus master plan. A larger expansion of the facility will add 12,000 square feet of programmable spae and currently included in year 6 through 10, but may be adjusted based on the needs and priorities of the next Master Aging Plan (MAP).

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Southern Human Services Center Expansion						Project Status	Proposed	
Functional Service Area	Support Services						Starting Date	7/1/2011	
Department	Asset Management Services						Completion Date	7/1/2018	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	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>Infrastructure Work</i>									
<i>Proposed for emergency HVAC rooftop replacement</i>		75,000						-	
<i>Design Services</i>		75,000	300,000					300,000	
<i>Building Expansion/Renovations</i>				5,185,000				5,185,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	180,000	150,000	300,000	5,185,000	-	-	-	5,485,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>	17,280	17,280	24,480	53,280	551,040	551,040	551,040	1,730,880	2,755,200
<i>Total Operating Costs</i>	17,280	17,280	24,480	53,280	551,040	551,040	551,040	1,730,880	2,755,200
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>	17,280	17,280	24,480	53,280	551,040	551,040	551,040	1,730,880	2,755,200
<i>Transfer from General Fund</i>		75,000						-	
<i>Debt Financing</i>	180,000	75,000	300,000	5,185,000				5,485,000	
<i>Total</i>	197,280	167,280	324,480	5,238,280	551,040	551,040	551,040	7,215,880	2,755,200

Project Description/Justification

The request of \$300,000 in FY2016-17 is for design services associated with a potential facility expansion. A facility programming study is currently underway to identify and recommend facility needs in the areas of health and social service delivery as well as other areas identified in the 2014-15 Space Study Workgroup findings. The results of the study will determine the renovation needs and potential expansion. The FY2017-18 CIP includes funds for the a significant portion of the project to begin, the exact appropriation and schedule will be refined as additional information is available. In 2007, the Board authorized a Southern Campus Master plan with potential expansion and renovation to the Southern Human Services Center ("SHSC"). The expansion consideration included dental clinic as well as expanded human services for residents in Southern Orange County. In collaboration with Chapel Hill, a full site master plan SUP modification was approved in June, 2014 by the BOCC. The master plan SUP significantly reduces permitting and planning costs for the site to allow a more precise cost estimation for potential development.

County Capital Projects
Fiscal Years 2016-21

Project Name	<i>Southern Branch Library</i>						Project Status		
Functional Service Area	<i>Support Services</i>						Starting Date	7/1/2011	
Department	<i>Asset Management Services</i>						Completion Date	6/30/2017	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building	700,000							-	
Professional Services		472,500						-	
Construction/Repairs/Renovations			5,625,000					5,625,000	-
Equipment/Furnishings			750,000					750,000	
Total Project Budget	700,000	472,500	6,375,000	-	-	-	-	6,375,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services			160,000	430,000	430,000	430,000	430,000	1,880,000	2,150,000
Operations				150,000	150,000	150,000	150,000	600,000	750,000
Technology			-					-	
New Debt Service		41,856	87,216	699,216	699,216	699,216	699,216	2,884,080	3,496,080
Total Operating Costs		41,856	247,216	1,279,216	1,279,216	1,279,216	1,279,216	5,364,080	6,396,080
<i>Revenues/Funding Source</i>									
Transfer from General Fund			160,000	580,000	580,000	580,000	580,000	2,480,000	2,900,000
General Fund - Debt Service		41,856	87,216	699,216	699,216	699,216	699,216	2,884,080	3,496,080
Available Project Balances	264,000							-	
Debt Financing	436,000	472,500	6,375,000	-			-	6,375,000	
Total	700,000	514,356	6,622,216	1,279,216	1,279,216	1,279,216	1,279,216	11,739,080	6,396,080

Project Description/Justification

The request of \$6,375,000 in FY2016-17 is for design and construction costs to replace the Cybrary and McDougale library branches for a new Southern Branch library. The BOCC directed county staff to coordinate with the Town of Carrboro on siting the library on the Town owned 203 S. Greensboro property. The operational costs include staffing of 10 FTE of which 2 FTE will be reassigned from existing Carrboro library operations into the new Southern Branch. Updated cost estimates are based on the actual schematic, and market based cost exercises in collaboration with local engineering and construction estimation firms.

County Capital Projects
Fiscal Years 2016-21

Project Name	<i>Main Branch Library Remodel</i>						Project Status		
Functional Service Area	<i>Support Services</i>						Starting Date	7/1/2019	
Department	<i>Asset Management Services</i>						Completion Date	6/30/2022	
Project Budget	Current Prior Years Funding	Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services				-				-	95,000
Construction/Repairs/Renovations					-			-	880,000
Equipment/Furnishings								-	225,000
<i>Total Project Budget</i>	-	-	-	-	-	-	-	-	1,200,000
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service								-	469,920
<i>Total Operating Costs</i>			-	-	-	-	-	-	469,920
<i>Revenues/Funding Source</i>									
General Fund - Debt Service			-	-	-	-		-	469,920
Available Project Balances								-	
Debt Financing				-	-	-		-	1,200,000
<i>Total</i>	-	-	-	-	-	-	-	-	1,669,920

Project Description/Justification

There is no funding request in FY2016-17 for the Orange County Public Library (OCPL). However, funding is designated in future years. The County Space Needs Study and the 2012 Community Needs Assessment portion of the library's strategic plan recognized a future need for the re-design/renovation of the OCPL. To accommodate current and future demand, better use of the existing space is necessary to maximize flexibility and adaptability. An initial evaluation by the consultant identified four areas to improve: 1) service points/staff areas; 2) sight lines/security; 3) programming spaces; 4) technology as a customer resource and operational tool. With a re-designed layout, the library can improve service with fewer work stations and service points that occupy less square footage.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	HVAC Projects Support Services Asset Management Services						Project Status Starting Date Completion Date		UPDATED 1/8/2015 Ongoing
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Construction/Repairs/Renovations</i>	617,223								
<i>Community Geothermal (DA Bld, Jail, Historic Courthouse, CSA)</i>	1,709,200							-	
<i>Effland CC HVAC Replacement</i>	20,000							-	
<i>Battle Courtroom geo-thermal HVAC</i>	50,000							-	
<i>Hillsborough Commons - equipment replacement</i>	75,000							-	
<i>503 W Franklin (SDC) - equipment replacement</i>	52,500							-	
<i>Whitted Human Services Center - chiller replacement</i>	150,000							-	
<i>Public Defender's Office - equipment replacements</i>									60,000
<i>Emergy Services - Sub Station #1 - equipment replacements</i>									20,000
<i>Emergy Services Communications Tower - equipment replacements</i>									15,000
<i>Orange Public Transportation - equipment replacement</i>									25,000
<i>Dickson House - equipment replacement</i>									25,000
<i>WCOB - backup for cooling system for IT room,c/w notification system</i>	35,000							-	
	2,708,923	-	-	-	-	-	-	-	145,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>	181,363	195,763	195,763	195,763	195,763	195,763	195,763	978,816	1,061,219
<i>Total Operating Costs</i>	181,363	195,763	195,763	195,763	195,763	195,763	195,763	978,816	1,061,219
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	617,223	-							
<i>General Fund - Debt Service</i>	181,363	195,763	195,763	195,763	195,763	195,763	195,763	978,816	1,061,219
<i>Transfer From Other Projects</i>									
<i>Grant Funding ECCBG</i>									
<i>Debt Financing</i>	2,091,700								145,000
<i>Total</i>	2,890,286	195,763	195,763	195,763	195,763	195,763	195,763	978,816	1,206,219

Project Description/Justification

There is no funding request in FY2016-17 for HVAC improvements/replacements. All planned replacements can be accommodated in the operating budget in years 1 through 5 because the estimated cost does not meet the CIP threshold of \$100,000.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Roofing Projects Support Services Asset Management Services			Project Status Starting Date Completion Date					UPDATED 1/8/2015 Ongoing	
	Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>										
<i>Construction/Repairs/Renovations</i>		1,433,100								
129 King (Large Metal Roof Sector #3)										100,000
Court Street Annex		75,000							-	
Jail (1997 Addition) 3 sectors		16,000	142,000		18,000				18,000	146,000
Justice Facility (New Courthouse) - Two flat roofs		35,000							-	
Cadwallader Jones Historic Law Office										5,700
Historic Courthouse (Roof and Cupola Sections)										256,250
501 W. Franklin					51,700				51,700	209,800
503 W. Franklin (Skills Development Center - 9 sectors)		85,000							-	67,987
SHSC (three sectors, incl. mechanical building)									-	
AMS North Administrative Bldg		14,000							-	
AMS North Operations Warehouse 4,400 sf)		35,200							-	
AMS North Operations Small storage (1,600 sf)		12,800							-	
AMS North Motorpool Facility						149,300			149,300	
AMS North Fuel Station										16,300
EMS Station-Revere Road									-	474,000
EMS Communication Tower (Eno Mtn)									-	2,500
Whitted Government Services Building									-	429,800
Blackwood Farm House		16,225							-	
Cate Farm House (Twin Creeks)		20,625							-	
Efland Community Center (main building)		30,000							-	
Efland Rescue					8,909				8,909	
Link Center (metal roof)									-	250,935
DA Building (sector 2)				12,000					12,000	
Central Recreation				194,700					194,700	
Northern Human Services (roof work to be included in NHSC project account)									-	
1954 Courthouse (courtroom EPDM, 4,800 sf, 4 other sectors)		94,160	30,000						-	
Battle Courtroom (2 sectors)		100,000							-	
<i>Total Project Budget</i>		1,967,110	172,000	206,700	78,609	149,300	-	-	434,609	1,959,272
<i>General Fund Related Operating Costs</i>										
<i>Personnel Services</i>										
Operations		26,880	44,065	57,697	76,388	81,351	95,684	95,684	406,805	478,421
New Debt Service										
<i>Total Operating Costs</i>		26,880	44,065	57,697	76,388	81,351	95,684	95,684	406,805	478,421
<i>Revenues/Funding Source</i>										
Transfer from General Fund		1,508,100	30,000	12,000	26,909				38,909	24,500
General Fund - Debt Service		26,880	44,065	57,697	76,388	81,351	95,684	95,684	406,805	478,421
Debt Financing		459,010	142,000	194,700	51,700	149,300			395,700	1,934,772
<i>Total</i>		1,993,990	216,065	264,397	154,997	230,651	95,684	95,684	841,414	2,437,693

Project Description/Justification

The requested funds of \$206,700 in FY2016-17 would replace the roof on the DA Building and the Central Recreation facility. Roofing replacement priorities are determined by a roof replacement schedule initially prepared in 1998 and updated in 2003, 2006 and 2012. Individual projects and their anticipated funding period are itemized above. The County roofing consultant has provided updated roofing information as part of the Roof Asset Management Program ("RAMP") reflected above. A full RAMP update is scheduled to be completed in FY2016-17.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Information Technology Support Services Information Technologies</i>		Project Status					<i>Approved 7/1/1990 Ongoing</i>	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Professional Services</i>									
<i>Equipment/Furnishings - Infrastructure</i>	5,221,613	450,000	500,000	450,000	450,000	450,000	450,000	2,300,000	2,250,000
<i>Library Management Systems Software</i>	250,000								
<i>Central Permitting System</i>	800,000								
<i>IT Governance Council Initiatives</i>		378,100	500,000	500,000	500,000	500,000	500,000	2,500,000	
<i>Broadband Fiber</i>			60,000	500,000	500,000	500,000	500,000	2,060,000	
<i>BOCC Initiatives</i>	150,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000
<i>Total Project Budget</i>	6,421,613	878,100	1,110,000	1,500,000	1,500,000	1,500,000	1,500,000	7,110,000	2,500,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>	423,612	543,612	676,038	835,953	1,067,830	1,299,707	1,531,584	5,411,112	6,940,812
<i>Total Operating Costs</i>	423,612	543,612	676,038	835,953	1,067,830	1,299,707	1,531,584	5,411,112	6,940,812
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	3,519,113	50,000	110,000	50,000	50,000	50,000	50,000	310,000	250,000
<i>General Fund - Debt Service</i>	423,612	543,612	676,038	835,953	1,067,830	1,299,707	1,531,584	5,411,112	6,940,812
<i>Available Project Balance</i>	200,000								
<i>Debt Financing</i>	2,702,500	828,100	1,000,000	1,450,000	1,450,000	1,450,000	1,450,000	6,800,000	2,250,000
<i>Total</i>	6,845,225	1,421,712	1,786,038	2,335,953	2,567,830	2,799,707	3,031,584	12,521,112	9,440,812

Project Description/Justification

The FY 2016-17 request for Information Technology projects would fund infrastructure projects related to server upgrades, end user device replacements, data storage, network improvements, and the continued deployment of wireless capabilities. The request also includes technology improvements that have been recommended through the Information Technology Governance Council which include Encryption software for Social Services, Scheduling and Mobile data terminals for Orange Public Transportation, Mobile Computing and Automatic Vehicle Locator for the Sheriff's Office, PreTrial and Drug Treatment Case Management software, and County-wide initiatives for Kronos timekeeping improvements, Munis Electronic Content Management System, and Performance and Training Management software. The request also includes engineering services to begin a multiyear effort to connect all County facilities with fiber connections. This project will be coordinated with other public sector entities to leverage existing fiber resources and reduce the cost of installing fiber independently. An additional \$50,000 is requested to fund technology priorities defined by the Board of County Commissioners that may not be included in the other requests. Future year improvements include additional server replacements and upgrades, desktop and laptop replacements, PC software upgrades, GIS software and hardware upgrades, and \$50,000 is maintained in each future year for Board of Commissioners technology initiatives.

**County Capital Projects
Fiscal Years 2016-21**

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 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	1,095,514	80,000	80,000	80,000	80,000	80,000	80,000	400,000	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>									
<i>Debt Financing</i>									
<i>Total</i>	1,095,514	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000

Project Description/Justification

The requested funds of \$80,000 in FY2016-17 is for the acquisition of technology for the preservation and storage of public records in the Register of Deeds Office. 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.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Detention Facility Support Services Asset Management Services			Project Status					Proposed
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	7/1/2013 6/30/2019 Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Land/Building</i>								-	
<i>Professional Services</i>	250,000	500,000	500,000	622,114				1,122,114	
<i>Construction/Repairs/Renovations</i>				19,612,624				19,612,624	
<i>Equipment/Furnishings</i>				356,593				356,593	
<i>Total Project Budget</i>	250,000	500,000	500,000	20,591,331	-	-	-	21,091,331	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>		24,000	24,000	120,000	2,096,768	2,096,768	2,096,768	6,434,303	10,483,839
<i>Total Operating Costs</i>		24,000	24,000	120,000	2,096,768	2,096,768	2,096,768	6,434,303	10,483,839
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>		24,000	24,000	120,000	2,096,768	2,096,768	2,096,768	6,434,303	10,483,839
<i>Transfer from Projects</i>									
<i>Debt Financing</i>	250,000	500,000	500,000	20,591,331	-	-		21,091,331	
<i>Total</i>	250,000	524,000	524,000	20,711,331	2,096,768	2,096,768	2,096,768	27,525,634	10,483,839

Project Description/Justification

The requested funds of \$500,000 in FY2016-17 is included for architectural/engineering costs. The construction, equipment/furnishings, and other professional services costs are included in FY 2017-18. This project includes a preliminary construction estimate for a facility with an initial capacity to house 144 detainees with the ability to expand to up to a 250 detainee capacity if necessary. The jail population profile and projections for future growth was presented to the Board in 2015, supporting the capacity decision and providing context for the ongoing analysis current and estimated operational costs for jail operations. The architect will conduct staffing and operating cost analysis for different detention facility configurations and bring to the Board for the schematic design of the facility. The current land lease with the State would not allow the County to use the facility as collateral, as a result the county is pursuing a modification to the lease. The design and architectural activity will resume when the lease terms have been corrected.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Whitted Building Support Services</i>									Project Status Starting Date	7/1/2012
	<i>Asset Management Services</i>									Completion Date	6/30/2016
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10		
<i>Appropriation</i>											
Land/Building											
Professional Services - Design work	100,000							-			
Construction/Repairs/Renovations	1,400,000							-			
Generator upgrade/replacement	200,000							-			
Replacement of exterior doors/storefronts	70,000							-			
Additional controlled access doors	25,000							-			
<i>Total Project Budget:</i>	1,795,000	-	-	-	-	-	-	-	-	-	
<i>General Fund Related Operating Costs</i>											
Personnel Services											
Operations											
New Debt Service	162,720	162,720	162,720	162,720	162,720	162,720	162,720	162,720	813,600	813,600	
<i>Total Operating Costs</i>	162,720	162,720	162,720	162,720	162,720	162,720	162,720	162,720	813,600	813,600	
<i>Revenues/Funding Source</i>											
Transfer from General Fund	100,000								-		
General Fund - Debt Service	162,720	162,720	162,720	162,720	162,720	162,720	162,720	162,720	813,600	813,600	
Debt Financing	1,695,000								-		
<i>Total</i>	1,957,720	162,720	162,720	162,720	162,720	162,720	162,720	162,720	813,600	813,600	

Project Description/Justification

There is no funding request for FY2016-17, this project is included to reflect ongoing debt service associated with this project.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Environment and Agriculture Center</i>						Project Status	<i>New</i>	
Functional Service Area	<i>Support Services</i>						Starting Date	<i>7/1/2015</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>6/30/2018</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Professional Services</i>		300,000						-	
<i>Construction/Repairs/Renovations</i>				3,047,000				3,047,000	
<i>Equipment/Furnishings</i>				102,500				102,500	
<i>Total Project Budget:</i>		300,000	-	3,149,500	-	-	-	3,149,500	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>			28,800	28,800	331,152	331,152	331,152	1,051,056	1,655,760
<i>Total Operating Costs</i>			28,800	28,800	331,152	331,152	331,152	1,051,056	1,655,760
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>			28,800	28,800	331,152	331,152	331,152	1,051,056	1,655,760
<i>Debt Financing</i>		300,000	-	3,149,500	-			3,149,500	
<i>Total</i>		300,000	28,800	3,178,300	331,152	331,152	331,152	4,200,556	1,655,760

Project Description/Justification

The \$3,149,500 requested funds for FY2017-18 is for the construction of a new or renovated Environment and Agriculture Center (EAC) on Revere Road. The architect is currently soliciting stakeholder input to inform the facility design and operation. A completed report will be presented to the BOCC. The improved facility will feature operations and energy efficiencies that will lower operating costs and increase the comfort and service capabilities of the center.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Government Services Annex		Project Status					New	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	7/1/2012 6/30/2018 Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
Electrical panel relocation				250,000				250,000	
HVAC Replacement				100,000				100,000	
<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>					33,600	33,600	33,600	100,800	67,200
<i>Total Operating Costs</i>			-	-	33,600	33,600	33,600	100,800	67,200
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>					33,600	33,600	33,600	100,800	67,200
<i>Debt Financing</i>				350,000				350,000	
<i>Total</i>			-	350,000	33,600	33,600	33,600	450,800	67,200

Project Description/Justification

There is no funding request for FY2016-17 for the Government Services Annex. However, funding is designated for FY2017-18 to replace the current HVAC systems and to relocate that equipment and the electrical system from the basement to the first floor. The relocation is necessary to mitigate new flood plain elevations.

County Capital Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	Parking Lot Improvements Support Services Asset Management Services						Project Status	Ongoing	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Starting Date Completion Date	7/1/2015 6/30/2021	
Project Budget									
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Government Services Annex/Link Ctr</i>								-	
<i>District Attorney Building</i>								-	
<i>Efland Community Center</i>							300,000	300,000	
<i>AMS North/OPT</i>								-	
<i>501/503 W Franklin St</i>		120,000						-	
<i>Total Project Budget:</i>		120,000	-	-	-	-	300,000	300,000	1,500,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>			11,520	11,520	11,520	11,520	11,520	57,600	777,600
<i>Total Operating Costs</i>			11,520	11,520	11,520	11,520	11,520	57,600	777,600
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>			11,520	11,520	11,520	11,520	11,520	57,600	777,600
<i>Debt Financing</i>		120,000	-	-	-	-	300,000	300,000	1,500,000
<i>Total</i>		120,000	11,520	11,520	11,520	11,520	311,520	357,600	2,277,600

Project Description/Justification

There is no funding request for FY2016-17 for parking lot improvements. However, funding is designated for FY2020-21 to replace and potentially expand the parking lot for Efland Community Center. The \$1,500,000 designated for years 6 through 10 would fund parking and circulation improvements at the AMS North/Orange Public Transit (OPT) site.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Facility Accessibility and Security Improvements					Project Status		New	
	Support Services					Starting Date		7/1/2012	
	Asset Management Services					Completion Date		6/30/2021	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Accessibility Improvements</i>									
-Whitted facility step, curb and rail repair			75,000					75,000	
-Historic Courthouse accessibility projects			40,000					40,000	
<i>Security door access and camera installation- multiple facilities</i>			75,000		50,000		50,000	175,000	
<i>Fire alarm system design and installation - Court Street Annex</i>					15,000			15,000	-
<i>Fire alarm system improvements/ replacement - Historic Courthouse</i>		25,000						-	
<i>Elevator improvements - Historic Courthouse</i>		60,000						-	
<i>Fire alarm system design and installation - Efland Community Center</i>		10,000						-	
<i>Fire alarm system design and installation - OPT (former AMS N admin)</i>					10,000			10,000	
<i>Fire alarm system design and installation - 501 W Franklin St</i>					30,000			30,000	
<i>Fire alarm system design and installation - 129 King Street</i>								-	
<i>Fire alarm system upgrades - Whitted</i>							30,000	30,000	
<i>Fire alarm system upgrades- Link</i>							30,000	30,000	
<i>Fire alarm System upgrades - Skills</i>							30,000	30,000	
<i>Fire alarm system upgrades - 501 West Franklin</i>							30,000	30,000	
<i>Fire alarm system upgrades - Southern (as part of SHSC Renovation Capital Project)</i>									
<i>Automated Access Doors</i>	25,000							-	
<i>Total Project Budget:</i>	25,000	95,000	190,000	-	105,000	-	170,000	465,000	-
<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>	25,000	95,000	190,000	-	105,000	-	170,000	465,000	-
<i>General Fund - Debt Service</i>									
<i>Debt Financing</i>									
<i>Total</i>	25,000	95,000	190,000	-	105,000	-	170,000	465,000	-

Project Description/Justification

The \$190,000 requested funds in the FY2016-17 are for accessibility and security improvements as identified by the Space Study Work Group, Emergency Action Planning Work Group, and the Facilities Accessibility Self Assessment. Future funding will include remaining buildings to upgrade fire alarm systems, and improvements to the existing system at the Historic Courthouse. Also included are the installation of automated access doors at West Campus Office Building and the Seymour Senior Center.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Historic Rogers Road Neighborhood Infrastructure Support Services Asset Management Services</i>						Project Status Starting Date Completion Date	<i>Approved/New</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	180,000	600,000						-	
Land/Building		212,000							
Construction/Repairs/Renovations		-	5,680,000					5,680,000	
<i>Total Project Budget:</i>	180,000	812,000	5,680,000	-	-	-	-	5,680,000	-
<i>Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			27,933	573,213	573,213	573,213	573,213	2,320,784	2,866,064
<i>Total Operating Costs</i>			27,933	573,213	573,213	573,213	573,213	2,320,784	2,866,064
<i>Revenues/Funding Source</i>									
From General Fund	77,400								
Chapel Hill Reimbursement (43%)	77,400	349,160		246,482	246,482	246,482	246,482	985,926	1,232,410
Carrboro Reimbursement (14%)	25,200	113,680		80,250	80,250	80,250	80,250	320,999	401,249
General Fund - Debt Service			27,933	246,482	246,482	246,482	246,482	1,013,859	1,232,408
Debt Financing		349,160	5,680,000	-				5,680,000	
<i>Total</i>	180,000	812,000	5,707,933	573,213	573,213	573,213	573,213	8,000,784	2,866,066

Project Description/Justification

The \$5,680,000 requested funds in FY2016-17 is the estimated cost of the construction of the Sewer Concept plan to serve 86 parcels. The funding in FY2015-16 includes \$600,000 for Phase II and \$212,000 for easement acquisitions. The Historic Rogers Road Neighborhood Task Force recommended that the Sewer Concept plan should be funded by Carrboro, Chapel Hill, and Orange County in proportion to the recommended cost sharing. On March 6, 2014, the Board agreed to fund the contract with OWASA for a preliminary engineering estimate to provide sewer to the 86 parcels identified by the Task Force with the composition of an interlocal agreement for cost sharing.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Court Street Annex</i>						Project Status	<i>New</i>	
Functional Service Area	<i>Support Services</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>6/30/2022</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
Electrical system improvements								-	100,000
<i>Total Project Budget:</i>			-	-	-	-	-	-	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>									100,000
<i>General Fund - Debt Service</i>								-	
<i>Debt Financing</i>							-	-	
<i>Total</i>			-	-	-	-	-	-	100,000

Project Description/Justification

There is no funding request for FY2016-17 for the Court Street Annex. However, a replacement of the main distribution panel and electrical circuits throughout the building is necessary to meet modern standards and is projected for future years.

County Capital Projects
Fiscal Years 2016-21

Project Name	Old Courthouse Square - Building and Grounds Improvements						Project Status	New	
Functional Service Area	Community Services, Support Services						Starting Date	7/1/2016	
Department	DEAPR and AMS						Completion Date	6/30/2019	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>								-	
<i>Professional Services</i>			40,000					40,000	
<i>Construction/Repairs/Renovations</i>				225,000				225,000	
<i>Equipment/Furnishings</i>				20,000				20,000	
<i>Total Project Budget:</i>		-	40,000	245,000	-	-	-	285,000	-
<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>			40,000	245,000				285,000	
<i>Transfer from Other Projects</i>								-	
<i>Grant Funding and Donations</i>								-	
<i>General Fund - Debt Service</i>								-	
<i>Debt Financing</i>								-	
<i>Total</i>		-	40,000	245,000	-	-	-	285,000	-

Project Description/Justification

The \$40,000 requested funds in FY 2016-17 is for architectural services to develop a concept plan for building and grounds improvements. The "Old" Orange County Courthouse (1844) and grounds are in need of restoration, renovation and improvement. This project would reinvigorate the courthouse grounds with the planting, removal or augmentation of landscape features and grassed areas, to create a more attractive and public-friendly square, and make necessary restoration improvements to the building exterior.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Generator Projects			Project Status					New
	Support Services			Starting Date	Completion Date				7/1/2015 7/1/2017
	Asset Management Services								
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services		30,000						-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings								-	
-Seymour Center								-	
-Hillsborough Commons		100,000						-	
-Animal Services Center			100,000					100,000	
-Cedar Grove Community Center			75,000					75,000	
-Efland Cheeks Community Center			50,000					50,000	
-Rogers Road Community Center			50,000					50,000	
-Jerry M. Passmore Center			100,000					100,000	
Total Project Budget	-	130,000	375,000	-	-	-	-	375,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service			9,600	45,600	45,600	45,600	45,600	192,000	228,000
Total Operating Costs			9,600	45,600	45,600	45,600	45,600	192,000	228,000
<i>Revenues/Funding Source</i>									
General Fund - Debt Service			9,600	45,600	45,600	45,600	45,600	192,000	228,000
Transfer from General Fund		30,000						-	
Debt Financing		100,000	375,000					375,000	
Total	-	130,000	384,600	45,600	45,600	45,600	45,600	567,000	228,000

Project Description/Justification

The \$375,000 requested funds for FY 2016-17 is for emergency generators (as their prioritization with emergency action planning and Space Study Work Group recommendations) in the listed facilities. Grant funding sources would continue to be sought. AMS is also analyzing an "on demand" generator power operating model as a potential alternative to permanent generator installations.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Affordable Housing Land Banking						Project Status	New	
Functional Service Area	Governing and Management						Starting Date	7/1/2015	
Department	Asset Management Services						Completion Date	6/30/2017	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services								-	
Construction/Repairs/Renovations								-	
Land Acquisition		1,000,000	1,000,000					1,000,000	
<i>Total Project Budget</i>	-	1,000,000	1,000,000	-	-	-	-	1,000,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service			96,000	192,000	192,000	192,000	192,000	864,000	960,000
<i>Total Operating Costs</i>			96,000	192,000	192,000	192,000	192,000	864,000	960,000
<i>Revenues/Funding Source</i>									
General Fund - Debt Service			96,000	192,000	192,000	192,000	192,000	864,000	960,000
Transfer from General Fund							-	-	
Debt Financing		1,000,000	1,000,000				-	1,000,000	
Bond Proceeds								-	
<i>Total</i>	-	1,000,000	1,096,000	192,000	192,000	192,000	192,000	1,864,000	960,000

Project Description/Justification

The \$1,000,000 requested funds in FY2016-17 is to add funds to the land banking program for affordable housing opportunities. The program was established by the BOCC in the FY2015-16 budget process to address land banking of manufactured homes parks, and/or to assist in the aquisition of property for future residential development as an affordable housing alternative.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Affordable Housing Bond Projects</i>						Project Status	<i>New</i>	
Functional Service Area	<i>Governing and Management</i>						Starting Date	<i>4/1/2017</i>	
Department	<i>Asset Management Services</i>						Completion Date	<i>6/30/2019</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services								-	
Construction/Repairs/Renovations								-	
Land Acquisition			2,500,000		2,500,000			5,000,000	
								-	
<i>Total Project Budget</i>	-	-	2,500,000	-	2,500,000	-	-	5,000,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service			-	240,000	240,000	480,000	480,000	1,440,000	2,400,000
<i>Total Operating Costs</i>			-	240,000	240,000	480,000	480,000	1,440,000	2,400,000
<i>Revenues/Funding Source</i>									
General Fund - Debt Service			-	240,000	240,000	480,000	480,000	1,440,000	2,400,000
Transfer from General Fund								-	
Debt Financing			-					-	
Bond Proceeds			2,500,000		2,500,000			5,000,000	
<i>Total</i>	-	-	2,500,000	240,000	2,740,000	480,000	480,000	6,440,000	2,400,000

Project Description/Justification

The \$2,500,000 funding request for FY2016-17 and the \$2,500,000 for FY 2018-19 are for the bond referendum projects. This project is based on the assumption that the November 2016 Bond Referendum passes.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Sheriff Equipment Public Safety Sheriff's Office		Project Status					New	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	6/26/2015 6/30/2016 Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment - In-Car Cameras	517,798							-	
<i>Total Project Budget</i>	517,798	-	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service		111,650	111,650	111,650	111,650	111,650		446,600	
<i>Total Operating Costs</i>		111,650	111,650	111,650	111,650	111,650	-	446,600	-
<i>Revenues/Funding Source</i>									
General Fund - Debt Service		111,650	111,650	111,650	111,650	111,650	-	446,600	-
Transfer from General Fund								-	
Debt Financing	517,798							-	
<i>Total</i>	517,798	111,650	111,650	111,650	111,650	111,650	-	446,600	-

Project Description/Justification

There is no funding request for FY2016-17, this project is included to reflect ongoing debt service associated with the replacement of In-Car cameras for Sheriff's Office vehicles acquired in FY 2014-15.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Board of Elections Equipment						Project Status	New	
Functional Service Area	General Services						Starting Date	6/26/2015	
Department	Board of Elections						Completion Date	6/30/2016	
	Prior Years	Current	Year 1	Year 2	Year 3	Year 4	Year 5	Five	Year 6
Project Budget	Funding	Fiscal Year	Year	to					
		2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total	Year 10
<i>Appropriation</i>									
<i>Professional Services</i>								-	
<i>Construction/Repairs/Renovations</i>								-	
<i>Equipment</i>	679,870	169,575						-	
<i>Total Project Budget</i>	679,870	169,575	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>								-	
<i>Operations</i>								-	
<i>New Debt Service</i>		146,596	183,161	183,161	183,161	183,161	36,565	769,209	
<i>Total Operating Costs</i>		146,596	183,161	183,161	183,161	183,161	36,565	769,209	-
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>		146,596	183,161	183,161	183,161	183,161	36,565	769,209	-
<i>Transfer from General Fund</i>								-	
<i>Debt Financing</i>	679,870	169,575	-					-	
<i>Total</i>	679,870	316,171	183,161	183,161	183,161	183,161	36,565	769,209	-

Project Description/Justification

There is no funding request for FY2016-17. This project is included to reflect ongoing debt service associated with the replacement of voting machines, the purchase of electronic pollbooks for the precincts made in 2014-15, and the replacement of outdated ADA voting equipment in FY 2015-16.

County Capital Projects
Fiscal Years 2016-21

Project Name	<i>Orange County Radio/Paging Systems Upgrade</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>6/30/2021</i>	
Project Budget	Current Prior Years Funding	Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Countywide Radio Communications Interoperability and Systems Engineering Towers</i>	543,750			500,000	500,000			1,000,000	1,000,000
<i>Total Project Budget</i>	1,543,750	-	-	500,000	500,000	-	-	1,000,000	1,000,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services Operations</i>									
<i>New Debt Service</i>	227,853	337,005	337,005	337,005	446,157	555,309	555,309	2,230,785	1,200,672
<i>Total Operating Costs</i>	227,853	337,005	337,005	337,005	446,157	555,309	555,309	2,230,785	1,200,672
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>	227,853	337,005	337,005	337,005	446,157	555,309	555,309	2,230,785	1,200,672
<i>Capital Projects Fund Balance</i>									
<i>Debt Financing</i>	1,543,750			500,000	500,000			1,000,000	1,000,000
<i>Total</i>	1,771,603	337,005	337,005	837,005	946,157	555,309	555,309	3,230,785	2,200,672

Project Description/Justification

No funding is requested for radio and paging upgrades in FY 2016-17. The County is currently soliciting proposals to provide professional engineering and planning services to define the community's long range and short range communications and interoperability needs using prior year funding. This study will determine the most economical, efficient, and reliable method for building an interoperable radio communications system that meets the needs of the County and other local governments for voice communications and paging. The system would be used by both public safety and non-emergency agencies serving the citizens of Orange County. The results of this study will also determine the appropriate number and placement of radio towers throughout the County. This cost of tower construction is anticipated in the funding requests for FY 2017-18 and FY 2018-19.

County Capital Projects
Fiscal Years 2016-21

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 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>OSSI-CAD Replacement</i>	589,875							-	
<i>800 Mhz Radios</i>	395,077		166,000	920,000				1,086,000	
<i>NextGen Phone System</i>	349,573							-	
<i>9-1-1 Call Taker and Dispatch Software:</i>									
<i>*Emergency Police Dispatch</i>	107,038							-	
<i>*Emergency Fire Dispatch</i>	107,038							-	
<i>P25 Compliant Radio Consoles (E-9-1-1)</i>	832,268							-	
<i>P25 Compliant Radios (County & Rural Fire Districts)</i>	150,000							-	
Total Project Budget	2,530,868	-	166,000	920,000	-	-	-	1,086,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>	226,391	253,054	253,054	289,292	490,129	263,738	237,075	1,533,288	437,912
Total Operating Costs	226,391	253,054	253,054	289,292	490,129	263,738	237,075	1,533,288	437,912
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	193,474								
<i>General Fund - Debt Service</i>	108,713	135,376	135,376	171,614	372,451	263,738	237,075	1,180,254	437,912
<i>From 9-1-1 Funds - Debt Service</i>	117,678	117,678	117,678	117,678	117,678			353,034	
<i>From 9-1-1 Funds</i>	716,504								
<i>Grant Funds - State E911 Board</i>	625,828								
<i>Capital Projects Fund Balance</i>									
<i>Debt Financing - E-9-1-1</i>	539,062								
<i>Debt Financing</i>	456,000		166,000	920,000				1,086,000	
Total	2,757,259	253,054	419,054	1,209,292	490,129	263,738	237,075	2,619,288	437,912

Project Description/Justification

The FY 2016-17 funding request for communication system improvements would finalize the replacement of 800 MHz radios for Emergency Services. A consistent radio platform ensures integration and reliability of the radios used by first responders. The replacement process was initiated in 2004. The FY 2017-18 request of \$920,000 would complete the replacment of radios for the Sheriff's Office.

County Capital Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	<i>Emergency Services Substations</i>			<i>Governing and Management</i>					<i>Asset Management Services</i>		Project Status	Proposed	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10	Starting Date	Completion Date	7/1/2012	6/30/2021
Project Budget													
<i>Appropriation</i>													
<i>Construction/Repairs/Renovations</i>	50,000	-											
Land/Building													
<i>*Glen Lennox-Chapel Hill FS #2</i>			500,000									500,000	
<i>*Waterstone-Orange Rural FD</i>				600,000								600,000	
<i>*Legion Road-CHFD</i>				600,000								600,000	
<i>*Weaver Dairy Road-CHFD</i>						600,000						600,000	
<i>**Buckhorn/Efland-OCES Stand Alone</i>					1,500,000							1,500,000	
<i>**Northern Human Services-OCES Stand Alone</i>								1,500,000				1,500,000	
<i>Total Project Budget:</i>	50,000	-	500,000	1,200,000	1,500,000	600,000	1,500,000	5,300,000				-	
<i>General Fund Related Operating Costs</i>													
<i>Personnel Services</i>													
<i>Operations</i>			6,000	18,000	30,000	36,000	48,000	138,000				240,000	
<i>New Debt Service</i>				48,000	163,200	307,200	364,800	883,200				2,544,000	
<i>Total Operating Costs</i>			6,000	66,000	193,200	343,200	412,800	1,021,200				2,784,000	
<i>Revenues/Funding Source</i>													
<i>Transfer from General Fund</i>	50,000		6,000	18,000	30,000	36,000	48,000	138,000				240,000	
<i>General Fund - Debt Service</i>				48,000	163,200	307,200	364,800	883,200				2,544,000	
<i>Debt Financing</i>			500,000	1,200,000	1,500,000	600,000	1,500,000	5,300,000					
<i>Total</i>	50,000	-	506,000	1,266,000	1,693,200	943,200	1,912,800	6,321,200				2,784,000	

Project Description/Justification

The request for FY 2016-17 would fund the collocation of an emergency medical services (EMS) substation with the Chapel Hill Fire Department. Funding in future years would support additional collocation opportunities with fire departments to reduce capital costs and promote operational efficiency. These relationships would be governed by a formal agreement between the County and the participating jurisdiction. Two independent substations are requested in FY 2018-19 and FY 2020-21 where collocation is not possible. The new EMS stations will be strategically located in developing districts that are experiencing increasing call volume and service demand. The architectural design of the substations will allow for one drive through bay (with expansion for an additional drive through bay), secure storage for narcotics, a decontamination area, equipment room with washer/dryer, sleeping quarters, training/conference room, office area, restrooms and shower, and public area separate from the secure area of the crew quarters. The cost of the collocation stations represents efficiencies gained from sharing of kitchen, training, and other common areas. The operating costs of the collocated facilities will also be shared.

FY 2016-17: Collocation with Chapel Hill Fire Department in Glen Lennox (Station 2)

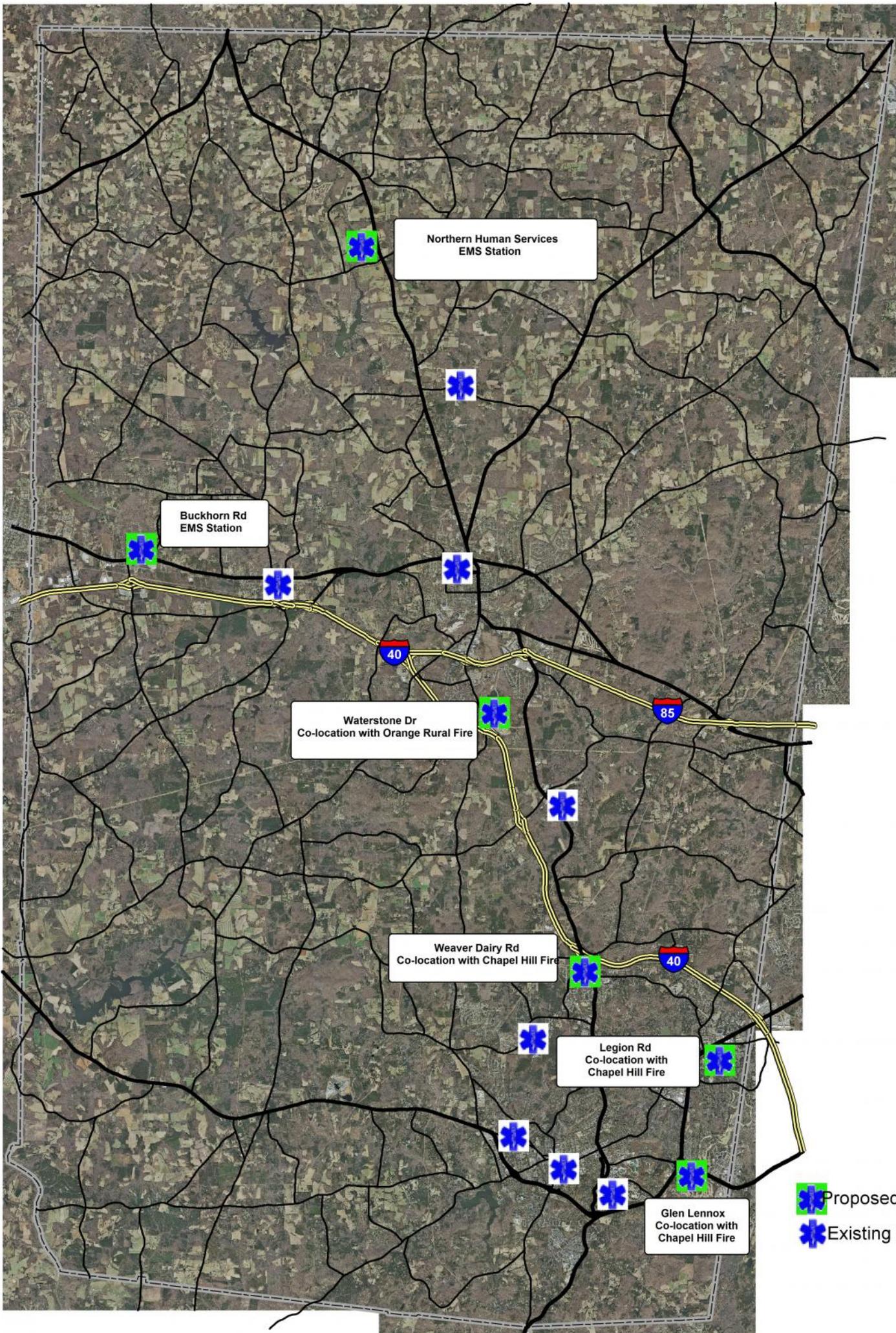
FY 2017-18: Collocation with Orange Rural Fire Department at Waterstone

FY 2017-18: Collocation with Chapel Hill Fire Department in the Legion Road area of Chapel Hill

FY 2018-19: Independent station in the Buckhorn/Efland area to be determined by location study

FY 2019-20: Collocation with Chapel Hill Fire Department near Weaver Dairy Road

FY 2020-21: Independent EMS Station in the Northern corridor of the County to be determined by location study



**County Capital Projects
Fiscal Years 2016-21**

Project Name	911 Center Improvements and Backup Capability						Project Status	Proposed	
Functional Service Area	Public Safety						Starting Date	7/1/2015	
Department	Emergency Services						Completion Date	6/30/2017	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Hardened 911 Communications Center (Meadowlands)</i>									
<i>Design</i>			30,000					30,000	
<i>Building Renovations</i>			350,000					350,000	
<i>Equipment and Installation</i>		369,499	600,000					600,000	
<i>Total Project Budget:</i>		369,499	980,000	-	-	-	-	980,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>				112,000	112,000	112,000	112,000	448,000	560,000
<i>New Debt Service</i>				36,480	36,480	36,480	36,480	145,920	182,400
<i>Total Operating Costs</i>			-	148,480	148,480	148,480	148,480	593,920	742,400
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>									
<i>E-9-1-1 Funds</i>		369,499	600,000	112,000	112,000	112,000	112,000	1,048,000	560,000
<i>Debt Financing</i>			380,000	-	-	-	-	380,000	-
<i>Total</i>		369,499	980,000	148,480	148,480	148,480	148,480	1,573,920	742,400

Project Description/Justification

The \$980,000 funding request for FY16-17 is for the architectural, engineering and construction services to construct a 1,600 square foot hardened 911 Center primary location within the existing Emergency Services Center located at 510 Meadowlands Road. The current center is located on the second floor of a steel framed building that does not provide an adequate level of security during storm events that produce very strong winds like a tornado or hurricane. This communication equipment for the project would be funded using State 9-1-1 board funding. Prior year 911 grant funding would be used for back-up equipment for a secondary location which could be located in the basement of the West Campus building plan in the event of an outage or abandonment of the primary 911 Center at 510 Meadowlands Drive. In addition to the equipment and installation costs of the backup equipment, there will also be on-going annual costs of approximately \$112,000 per year which will cover monthly charges for the 911 trunks, ALI/ANI, Admin/Alarm lines, data connections and recorder maintenance.

County Capital Projects
Fiscal Years 2016-21

Project Name	<i>Blackwood Farm Park</i>							Project Status	<i>Approved</i>	
Functional Service Area	<i>Community Services</i>							Starting Date	<i>7/1/2012</i>	
Department	<i>DEAPR</i>							Completion Date	<i>7/1/2019</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10	
<i>Appropriation</i>										
<i>Land/Building</i>										
<i>Professional Services</i>										
<i>Construction/Repairs/Renovations</i>										
<i>Equipment/Furnishings</i>										
<i>Total Project Budget</i>										
<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 Capital Funds</i>										
<i>General Fund - Debt Service</i>										
<i>Grants (PARTF), User Fees</i>										
<i>Future Debt Issuance</i>										
<i>Total</i>										

Project Description/Justification

The \$1,260,000 funding request in FY2016-17 is for the design and construction of a new entrance to the Blackwood Farm Park. The major park construction is proposed for FY2017-18, the adopted master plan is for a low-impact park with agricultural and historic themes with components of the farm's agricultural past, including interpretive signage, picnic areas, a community garden and agricultural demonstration areas and exhibits. It also includes 3 picnic shelters, amphitheatre, fishing, trails and open play fields with a potential new addition of a disc golf course. The funding for \$2,572,500 in FY2018-19 is for the permanent Parks Operations Base, which is proposed for construction. The New Hope Church Road park facilities are shown as funding in future years. The Blackwood Farm Park is a 152-acre park midway between Chapel Hill and Hillsborough on NC 86 and New Hope Church Road. Funding in prior years allowed the park to open on a limited basis (with limited facilities - trails, 1 small picnic shelter and open play field) in June 2015.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Bingham District Park Community Services DEAPR</i>						Project Status Starting Date Completion Date	<i>Approved 7/1/2019 7/1/2021</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Professional Services</i>						300,000		300,000	
<i>Construction/Repairs/Renovations</i>							6,700,000	6,700,000	
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	-	-	-	-	-	300,000	6,700,000	7,000,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>									390,000
<i>Operations</i>									275,000
<i>New Debt Service</i>									3,216,000
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	3,881,000
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>						300,000		300,000	665,000
<i>General Fund - Debt Service</i>									3,216,000
<i>Future Debt Issuance</i>							6,700,000	6,700,000	
<i>Total</i>	-	-	-	-	-	300,000	6,700,000	7,000,000	3,881,000

Project Description/Justification

There is no funding request in FY2016-17 for the Bingham District Park. As with previous park projects, this future park site would be land-banked for the future construction of park facilities, tentatively projected design in FY2019-20 and construction drawings in FY2020-21.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Cedar Grove Park, Phase II Community Services DEAPR</i>						Project Status Starting Date Completion Date	<i>Approved 7/1/2016 6/30/2019</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building									-
Professional Services				100,000				100,000	
Construction/Repairs/Renovations	1,848,000		60,000	140,000	1,500,000			1,700,000	
Equipment/Furnishings									
<i>Total Project Budget</i>	1,848,000	-	60,000	240,000	1,500,000	-	-	1,800,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services						18,500	18,500	37,000	92,500
Operations						20,000	20,000	40,000	100,000
New Debt Service				5,760	19,200	105,600	105,600	236,160	528,000
<i>Total Operating Costs</i>			-	5,760	19,200	144,100	144,100	313,160	720,500
<i>Revenues/Funding Source</i>									
Transfer from Other Funds	148,000	-		100,000		38,500	38,500	177,000	192,500
General Fund - Debt Service				5,760	19,200	105,600	105,600	236,160	528,000
Funding from Other Sources					100,000			100,000	
Grant Funding	500,000				500,000			500,000	
Debt Financing	1,200,000		60,000	140,000	900,000			1,100,000	
<i>Total</i>	1,848,000	-	60,000	245,760	1,519,200	144,100	144,100	2,113,160	720,500

Project Description/Justification

The \$60,000 funding request for FY2016-17 is for renovation of the basketball courts. In FY2017-18, funding is requested for lighting replacement at Field 1, and engineering/design work in preparation of the park construction. The major park construction is requested for FY2018-19 which would feature another baseball/softball field, tennis courts, picnic shelter and additional parking. The Cedar Grove Park opened in 2008 and includes baseball/softball fields, trails, a playground, basketball courts, a Little Free Library and other amenities.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Conservation Easements (part of Lands Legacy) Community Services DEAPR						Project Status Starting Date Completion Date		Approved 7/1/2002 Ongoing
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Land/Building</i>	6,378,181	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>									
<i>Total Project Budget</i>	6,378,181	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
<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>	600,000							-	-
<i>Transfer from Other Projects</i>	143,000								
<i>Grant Funding and Donations</i>	2,635,181	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000	1,250,000
<i>Debt Financing</i>	3,000,000	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000	1,250,000
<i>Total</i>	6,378,181	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000

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, sensitive natural areas, or important water quality buffer lands 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. Over 2,000 acres of prime farmland and natural areas have been conserved to date, with millions of dollars 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 and landowner donations above.**

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Upper Eno Nature Preserve - Public Natural Areas Community Services DEAPR</i>						Project Status Starting Date Completion Date	<i>Approved 7/1/2015 7/1/2020</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building									-
Construction/Repairs/Renovations		100,000		100,000		400,000		500,000	
Equipment/Furnishings		25,000		10,000		30,000		40,000	
<i>Total Project Budget</i>		125,000	-	110,000	-	430,000	-	540,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services			40,000	40,000	40,000	40,000	47,000	207,000	235,000
Operations			10,000	10,000	12,000	12,000	22,000	66,000	110,000
New Debt Service			12,000	12,000	22,560	22,560	63,840	132,960	319,200
<i>Total Operating Costs</i>			62,000	62,000	74,560	74,560	132,840	405,960	664,200
<i>Revenues/Funding Source</i>									
Transfer from General Fund			50,000	50,000	52,000	52,000	69,000	273,000	345,000
Transfer from Other Capital Funds									
General Fund - Debt Service			12,000	12,000	22,560	22,560	63,840	132,960	319,200
Future Debt Issuance		125,000	-	110,000		430,000		540,000	-
<i>Total</i>		125,000	62,000	172,000	74,560	504,560	132,840	945,960	664,200

Project Description/Justification

There is no funding request in FY2016-17 for the Upper Eno Nature Preserve. The requested funding in FY2017-18 will include a portion of the future NC Mountains-to-Sea Trail (MST) as it runs northeast from Saxapahaw to Occoneechee Mountain State Natural Area, and waystation amenities at Seven Mile. The requested funding in FY2019-20 is for the McGowan Creek Natural Area for the road redesign on US 70. Grant funding would be pursued for this project. The Upper Eno Nature Preserve includes approximately 400 acres of sensitive natural heritage lands, wildlife habitat and prime forests along the Eno River and its main tributaries west of Hillsborough. Public access occur at two locations, 1) the Seven Mile Creek Natural Area (adjacent to the Moorefields Local Landmark protected lands) and 2) McGowan Creek Natural Area (near US 70 West). Construction of trails, primitive camping and a parking area is underway at the Seven Mile Natural Area using current year funds.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Soccer.com Soccer Center, Phase II						Project Status	Approved/Proposed	
Functional Service Area	Community Services						Starting Date	7/1/2014	
Department	DEAPR						Completion Date	7/1/2020	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>		425,000						-	
<i>Professional Services</i>					300,000			300,000	
<i>Construction/Repairs/Renovations</i>	125,000					4,500,000		4,500,000	
<i>Equipment/Furnishings</i>	16,000					89,000		89,000	
<i>Total Project Budget</i>	141,000	425,000	-	-	300,000	4,589,000	-	4,889,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>							65,000	65,000	325,000
<i>Operations</i>						5,000	22,000	27,000	110,000
<i>New Debt Service</i>		12,000	52,800	52,800	52,800	81,600	522,144	762,144	2,610,720
<i>Total Operating Costs</i>		12,000	52,800	52,800	52,800	86,600	609,144	854,144	3,045,720
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	16,000				-	5,000	87,000	92,000	435,000
<i>General Fund - Debt Service</i>		12,000	52,800	52,800	52,800	81,600	522,144	762,144	2,610,720
<i>Future Debt Issuance</i>	125,000	425,000	-		300,000	4,589,000	-	4,889,000	-
<i>Transfer from Lands Legacy</i>									
<i>Total</i>	141,000	437,000	52,800	52,800	352,800	4,675,600	609,144	5,743,144	3,045,720

Project Description/Justification

There is no funding request in FY2016-17 for the Soccer Center. The requested funding in FY2018-19 would be for the design services to expand the current soccer center, provide new fields and infrastructure on adjoining property (including two planned artificial turf fields) and planned tennis courts. The requested funds in FY2019-20 is for construction of the expansion including associated parking, irrigation, restrooms/equipment building and stormwater controls.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Lands Legacy Program Community Services DEAPR</i>						Project Status Starting Date Completion Date		<i>Approved 4/1/2000 Ongoing</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building	8,410,452					500,000	500,000	1,000,000	2,500,000
Construction/Repairs/Renovations									
Equipment/Furnishings									
Total Project Budget	8,410,452	-	-	-	-	500,000	500,000	1,000,000	2,500,000
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service		700,800	700,800	700,800	700,800	700,800	700,800	3,504,000	3,504,000
Total Operating Costs		700,800	700,800	700,800	700,800	700,800	700,800	3,504,000	3,504,000
<i>Revenues/Funding Source</i>									
Transfer from General fund	1,110,452								
General Fund - Debt Service		700,800	700,800	700,800	700,800	700,800	700,800	3,504,000	3,504,000
Debt Financing	7,300,000							-	-
Pay-as-you-go funding beginning Year 4						500,000	500,000	1,000,000	2,500,000
Projected Grant Funding									
Total	8,410,452	700,800	700,800	700,800	700,800	1,200,800	1,200,800	4,504,000	6,004,000

Project Description/Justification

The Lands Legacy Program, established in April 2000, is an award-winning, comprehensive program to conserve and protect the County's most critical natural and cultural resources, including prime and threatened farmland; future parklands; natural areas, wildlife habitat and prime forests; watershed stream buffers; and historic and archaeological sites. Farmland conservation and other natural areas conservation also occurs through the related "Conservation Easements" project. Acquisition of the Bingham Township Park site, Mountains to Sea Trail, continued acquisitions for the Upper Eno Nature Preserve, the Jordan Lake Macrosite natural area and funds to augment expansion of Soccer.com Center are among several top anticipated priorities for these current and planned funds. Currently, \$3.7 million is available in this project for those (and other opportunity) purposes. The County has and will continue to aggressively seek to leverage these funds through grants (\$5.2 million to date) and partnership funding.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Millhouse Road Park Community Services DEAPR</i>		Project Status						<i>Approved</i>
									<i>7/1/2016</i>
									<i>7/1/2020</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building	188,712							-	
Professional Services					300,000			300,000	
Construction/Repairs/Renovations	106,090					6,400,000		6,400,000	-
Equipment/Furnishings								-	
Total Project Budget	294,802	-	-	-	300,000	6,400,000	-	6,700,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services					136,000	136,000	136,000	408,000	680,000
Operations					100,000	100,000	100,000	300,000	500,000
New Debt Service							307,200	307,200	1,536,000
Total Operating Costs			-	-	236,000	236,000	543,200	1,015,200	2,716,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund	76,090				268,000	118,000	118,000	504,000	590,000
General Fund - Debt Service					-	-	307,200	307,200	1,536,000
Transfer from Other Projects	218,712							-	
Future Debt Issuance						3,200,000		3,200,000	-
Possible Town of Chapel Hill funding					268,000	3,318,000	118,000	3,704,000	590,000
Operations/funding from other sources?									
Total	294,802	-	-	-	536,000	6,636,000	543,200	7,715,200	2,716,000

Project Description/Justification

The park project is a Town/County partnership 50-50 split-funding concept with the development of a master plan for the facility and an interlocal agreement. The requested funding in FY2018-19 is for design and engineering services for the collaborative planning effort, followed by construction in FY2019-20. The Millhouse Road Park is a 79-acre site just north of Chapel Hill was acquired in 2004 (69 acres) and 2007 (10 acres) as a future park site. Discussion to date has focused on a soccer field complex for southern Orange County, with some walking trails and other amenities.

County Capital Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	<i>Mountains to Sea Trail Community Services DEAPR</i>								Project Status Starting Date Completion Date	<i>Approved 7/1/2016 2016-2026</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10	
<i>Appropriation</i>										
Land/Building			120,000	-	420,000		-	540,000	260,000	
Construction/Repairs/Renovations			313,000	-	203,000			516,000	130,000	
Equipment/Furnishings			88,000	5,000	70,000		20,000	183,000	60,000	
<i>Total Project Budget</i>	-	-	521,000	5,000	693,000	-	20,000	1,239,000	450,000	
<i>General Fund Related Operating Costs</i>										
Personnel Services			3,333	10,000	10,000	10,000	10,000	43,333	75,000	
Operations			3,334	12,000	14,000	16,000	16,000	61,334	100,000	
New Debt Service				14,688	14,688	48,576	48,576	126,528	242,880	
<i>Total Operating Costs</i>			6,667	36,688	38,688	74,576	74,576	231,195	417,880	
<i>Revenues/Funding Source</i>										
Transfer from General Fund			94,667	27,000	94,000	26,000	46,000	287,667	265,000	
Transfer from Other Funds (LL)			120,000					120,000		
General Fund - Debt Service				14,688	14,688	48,576	48,576	126,528	242,880	
Grant Funding from State Parks			150,000	-	260,000	-		410,000	180,000	
In-Kind Funding from Organizations			10,000	-	10,000			20,000		
Future Debt Issuance			153,000	-	353,000	-		506,000	180,000	
<i>Total</i>	-		527,667	41,688	731,688	74,576	94,576	1,470,195	867,880	

Project Description/Justification

The \$521,000 requested funding for FY2016-17 is for acquiring easements, initial trail construction of identified segments, with associated signage and fencing. Some initial segments may need to be located along road rights-of-way. The project reflects further construction of the Mountains-to-Sea Trail during FY2018-19 and beyond, as lands are acquired and segments connected. The NC Mountains-to-Sea Trail, or MST, is a part of the State parks system and would traverse portions of Orange County. (Note: A portion of the MST is also within the Upper Eno Nature Preserve project and is funded in that project).

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Hollow Rock Nature Park (New Hope Preserve)						Project Status	Approved/Proposed	
Functional Service Area	Community Services						Starting Date	7/12/2013	
Department	DEAPR						Completion Date	7/1/2023	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>	75,000							-	
<i>Professional Services</i>									
<i>Construction/Repairs/Renovations</i>	287,500	25,000	225,000	10,000				235,000	165,000
<i>Equipment/Furnishings</i>			10,000					10,000	
<i>Total Project Budget</i>	362,500	25,000	235,000	10,000	-	-	-	245,000	165,000
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>			40,000	47,000	47,000	47,000	47,000	228,000	235,000
<i>Operations</i>		5,000	8,000	10,000	12,000	12,000	12,000	54,000	60,000
<i>New Debt Service</i>						-	-	-	-
<i>Total Operating Costs</i>		5,000	48,000	57,000	59,000	59,000	59,000	282,000	295,000
<i>Revenues/Funding Source</i>									
<i>Transfer from General Fund</i>	37,500	30,000	165,500	62,000	59,000	59,000	59,000	404,500	377,500
<i>Funding from Durham County</i>	35,000		117,500	5,000				122,500	82,500
<i>From Other Projects</i>	75,000			-				-	-
<i>Grant Funding</i>	215,000							-	-
<i>Total</i>	362,500	30,000	283,000	67,000	59,000	59,000	59,000	527,000	460,000

Project Description/Justification

The funding request for \$235,000 in FY2016-17 is for professional services and construction with a State grant (\$200,000) and a local match from Durham County and Orange County (\$25,000) from prior year funding. The funding request of \$10,000 for FY2017-18 is for deconstruction of the house on the property. The final phase of the project will be completed in future years. The project costs are for planned site facilities (parking, driveway, trails and bridges, kiosks and other low-impact amenities) that would be completed in three phases. Durham County is anticipated to contribute 50% of the cost of these facilities and amenities as per an interlocal agreement between the parties adopted in spring 2015. The New Hope Preserve is a 72-acre owned by Orange County, Durham County and the Town of Chapel Hill. Located within this Preserve is the Hollow Rock Nature Park, which is under construction with hiking trails, wildlife viewing areas and environmental education/signage.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>Northeast District Park Community Services DEAPR</i>						Project Status Starting Date Completion Date	<i>Approved 7/1/2019 6/30/2021</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building									
Professional Services						350,000		350,000	
Construction/Repairs/Renovations							7,650,000	7,650,000	
Equipment/Furnishings									
<i>Total Project Budget</i>			-	-	-	350,000	7,650,000	8,000,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									610,000
Operations		10,000							300,000
New Debt Service									3,672,000
<i>Total Operating Costs</i>		10,000	-	-	-	-	-	-	4,582,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund		10,000	-			350,000		350,000	910,000
General Fund - Debt Service									3,672,000
Future Debt Issuance						-	7,650,000	7,650,000	
Funding from other infrastructure partner									
<i>Total</i>		10,000	-	-	-	350,000	7,650,000	8,000,000	4,582,000

Project Description/Justification

There is no funding request for FY2016-17. A Preliminary Concept Plan was prepared by staff that identifies the 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. The 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 county facilities. The property is currently land-banked and leased to a local farmer for cattle grazing pending future construction.

**County Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	<i>River Park, Phase II Community Services DEAPR</i>								Project Status Starting Date Completion Date	<i>Approved 7/1/2015 7/1/2017</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10	
<i>Appropriation</i>										
Land/Building										
Construction/Repairs/Renovations	50,000	300,000	50,000					50,000		
Equipment/Furnishings										
<i>Total Project Budget</i>	50,000	300,000	50,000	-	-	-	-	50,000	-	
<i>General Fund Related Operating Costs</i>										
Personnel Services			12,000	24,000	24,000	24,000	24,000	108,000	120,000	
Operations			8,000	8,000	8,000	8,000	8,000	40,000	40,000	
New Debt Service			28,800	28,800	28,800	28,800	28,800	144,000	144,000	
<i>Total Operating Costs</i>		-	48,800	60,800	60,800	60,800	60,800	292,000	304,000	
<i>Revenues/Funding Source</i>										
Transfer from General Fund	50,000		70,000	32,000	32,000	32,000	32,000	198,000	160,000	
General Fund - Debt Service			28,800	28,800	28,800	28,800	28,800	144,000	144,000	
NCDOT/Town of Hillsborough								-		
Future Debt Issuance		300,000						-		
<i>Total</i>	50,000	300,000	98,800	60,800	60,800	60,800	60,800	342,000	304,000	

Project Description/Justification

The requested funding of \$50,000 in FY2016-17 is for signage and stormwater improvements. The requested funding in FY2015-16 was for the bridge replacement (engineered bridge), a performance shell, trail extensions, benches, and a renovation of the Oconneechee Village replica. River Park is located behind the Courthouse and County East Campus, and is experiencing increased usage due to the Hillsborough Riverwalk and a portion of the MST being located in the park.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Twin Creeks Park and Educational Campus Phase II</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community Services</i>						Starting Date	<i>7/1/2009</i>	
Department	<i>DEAPR</i>						Completion Date	<i>7/1/2027</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building	50,814								
Professional Services						220,000		220,000	220,000
Construction/Repairs/Renovations	1,905,643						3,780,000	3,780,000	3,780,000
Equipment/Furnishings									
<i>Total Project Budget</i>	1,956,457	-	-	-	-	220,000	3,780,000	4,000,000	4,000,000
<i>General Fund Related Operating Costs</i>									
Personnel Services									467,500
Operations									350,000
New Debt Service	57,600	57,600	57,600	57,600	57,600	57,600	78,720	309,120	3,744,000
<i>Total Operating Costs</i>	57,600	57,600	57,600	57,600	57,600	57,600	78,720	309,120	4,561,500
<i>Revenues/Funding Source</i>									
General Government Revenue	277,000								817,500
General Fund - Debt Service	57,600	57,600	57,600	57,600	57,600	57,600	78,720	309,120	3,744,000
Future Debt Issuance	1,250,000					220,000	3,780,000	4,000,000	4,000,000
Funding from other infrastructure partner									
Grant Funding NCDOT	429,457								
<i>Total</i>	2,014,057	57,600	57,600	57,600	57,600	277,600	3,858,720	4,309,120	8,561,500

Project Description/Justification

There is no funding request in FY2016-17. The funding for design and engineering is requested in FY2019-20, with additional funding requested in FY2020-21 for construction. In addition, county staff will explore the opportunity to construct the main entry in conjunction with the shared roadway property owner of the Ballentine subdivision. The funding to complete the project will be requested in future years. The first phase of the park (Jones Creek Greenway) project was completed in 2011. In FY 2012-13, \$600,000 for road construction was funded and is reflected in prior years funding. Twin Creeks (Moniese Nomp) Park is located along Old NC 86 north of Carrboro and connects to Morris Grove Elementary School (school was part of the overall site).

**County Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Little River Park, Phase II</i>						Project Status	<i>Proposed</i>	
Functional Service Area	<i>Community Services</i>						Starting Date	<i>7/1/2015</i>	
Department	<i>DEAPR</i>						Completion Date	<i>7/1/2021</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services		25,000						-	
Construction/Repairs/Renovations	1,521,720	75,000	100,000				250,000	350,000	
Equipment/Furnishings								-	
Total Project Budget	1,521,720	100,000	100,000	-	-	-	250,000	350,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations				5,000	5,000	5,000	5,000	20,000	50,000
New Debt Service								-	
Total Operating Costs	-	-	-	5,000	5,000	5,000	5,000	20,000	50,000
<i>Revenues/Funding Source</i>									
From General Fund	4,750	50,000	50,000	2,500	2,500	2,500	127,500	185,000	25,000
Contribution from Durham County	338,662	50,000	50,000	2,500	2,500	2,500	127,500	185,000	25,000
Grant Funding	724,000								
Transfer from Payment-In-Lieu	84,514								
Bonds	369,794								
Total	1,521,720	100,000	100,000	5,000	5,000	5,000	255,000	370,000	50,000

Project Description/Justification

The \$100,000 request for funding in FY2016-17 is for repaving the park entry road, expand parking, repave the ADA loop trail, and add a new maintenance shed. The requested funding for FY2020-21 is for other improvements including a new playground and new trails. The requested funds for FY 2015-16 were for the needed infrastructure improvements. In compliance with the Interlocal Agreement, funding includes 50% from Durham County.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Fairview Park Access and Parking Improvements						Project Status	New	
Functional Service Area	Community Services						Starting Date	7/1/2015	
Department	DEAPR						Completion Date	6/30/2025	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building									1,500,000
Construction/Repairs/Renovations		100,000	325,000					325,000	1,500,000
Equipment/Furnishings									
Total Project Budget	-	100,000	325,000	-	-	-	-	325,000	3,000,000
<i>General Fund Related Operating Costs</i>									
Personnel Services									98,000
Operations									30,000
New Debt Service				31,200	31,200	31,200	31,200	124,800	444,000
Total Operating Costs	-	-	-	31,200	31,200	31,200	31,200	124,800	572,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund		100,000	-						128,000
Outside Source - NCDEQ Superfund									1,500,000
General Fund - Debt Service				31,200	31,200	31,200	31,200	124,800	444,000
Future Debt Issuance			325,000					325,000	1,500,000
Total	-	100,000	325,000	31,200	31,200	31,200	31,200	449,800	3,572,000

Project Description/Justification

The \$325,000 requested funding for FY2016-17 is for a new access entry and parking lot for Fairview Park. The initial funding of \$100,000 was appropriated in FY2015-16 as a placeholder to conduct necessary surveys, designs and plan approvals from Town of Hillsborough. A funding request for \$3.0 million in future years is for landfill remediation to be funded by the State (via reimbursement), and \$1.5 million in local funds for construction of new park facilities on the former landfill portion of the site.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Cedar Grove Community Center						Project Status	Approved	
Functional Service Area	Support Services						Starting Date	7/1/2012	
Department	Asset Management Services						Completion Date	6/30/2016	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Construction/Repairs/Renovations	3,786,771							-	
Equipment/Furnishings - Library Kiosk		180,000						-	
Total Project Budget	3,786,771	180,000	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services		14,305	49,801	49,801	49,801	49,801	49,801	249,005	249,005
Operations		41,798	46,270	46,270	46,270	46,270	46,270	231,350	231,350
New Debt Service		301,462	318,742	318,742	318,742	318,742	318,742	1,593,708	1,593,708
Total Operating Costs		357,565	414,813	414,813	414,813	414,813	414,813	2,074,063	2,074,063
<i>Revenues/Funding Source</i>									
General Fund - Debt Service	396,545	301,462	318,742	318,742	318,742	318,742	318,742	1,593,708	1,593,708
Transfer from General Fund		56,103	96,071	96,071	96,071	96,071	96,071	480,355	480,355
Available Project Balance	250,000							-	
Debt Financing	3,140,226	180,000						-	
Total	3,786,771	537,565	414,813	414,813	414,813	414,813	414,813	2,074,063	2,074,063

Project Description/Justification

There is no funding request for FY2016-17 for this project. The project will be completed in the spring of 2016. The facility will house the Community Center and areas for bulk equipment and surplus storage for the County. Operations impacts include incremental personnel and utility costs.

**County Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Historic Rogers Road Neighborhood Community Center</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Support Services</i>						Starting Date		
Department	<i>Asset Management Services</i>						Completion Date		
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services</i>								-	
<i>Land/Building</i>	650,000								
<i>Construction/Repairs/Renovations</i>		-						-	
<i>Total Project Budget:</i>	650,000	-	-	-	-	-	-	-	-
<i>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>Chapel Hill Reimbursement (43%)</i>		-		-	-	-	-	-	
<i>Carrboro Reimbursement (14%)</i>		-		-	-	-	-	-	-
<i>General Fund - Debt Service</i>			-	-	-	-	-	-	-
<i>Debt Financing</i>		-	-	-	-	-	-	-	-
<i>Total</i>	650,000	-	-	-	-	-	-	-	-

Project Description/Justification

There is no funding request for FY2016-17. The Rogers Road Community Center opened in 2014 and is operated in compliance with an Service Level Agreement (SLA) with the Rogers-Eubanks Neighborhood Association (RENA).

**County Capital Projects
Fiscal Years 2016-21**

Project Name	Efland-Cheeks Community Center Upfit						Project Status	New	
Functional Service Area	Support Services						Starting Date	7/1/2016	
Department	Asset Management Services/DEAPR						Completion Date	6/30/2018	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Professional Services</i>			35,000					35,000	
<i>Construction/Repairs/Renovations</i>				328,000				328,000	
<i>Equipment/Furnishings</i>				63,000				63,000	
<i>Total Project Budget</i>	-	-	35,000	391,000	-	-	-	426,000	-
<i>General Fund Related Operating Costs</i>									
<i>Personnel Services</i>					27,434	27,434	27,434	82,302	137,170
<i>Operations</i>					39,500	7,500	7,500	54,500	37,500
<i>New Debt Service</i>					37,536	37,536	37,536	112,608	187,680
<i>Total Operating Costs</i>			-	-	104,470	72,470	72,470	249,410	362,350
<i>Revenues/Funding Source</i>									
<i>General Fund - Debt Service</i>				-	37,536	37,536	37,536	112,608	187,680
<i>Transfer from General Fund</i>			35,000		66,934	34,934	34,934	171,802	174,670
<i>Debt Financing</i>				391,000		-		391,000	
<i>Total</i>	-	-	35,000	391,000	104,470	72,470	72,470	675,410	362,350

Project Description/Justification

The \$35,000 requested funds in FY2016-17 is for design services for interior renovation of the current facility. The FY2017-18 funding request is for renovation construction including new equipment and furnishings, as well as area landscaping. During the design process the Community Center Coordinator will facilitate stakeholder input for inclusion in the process.

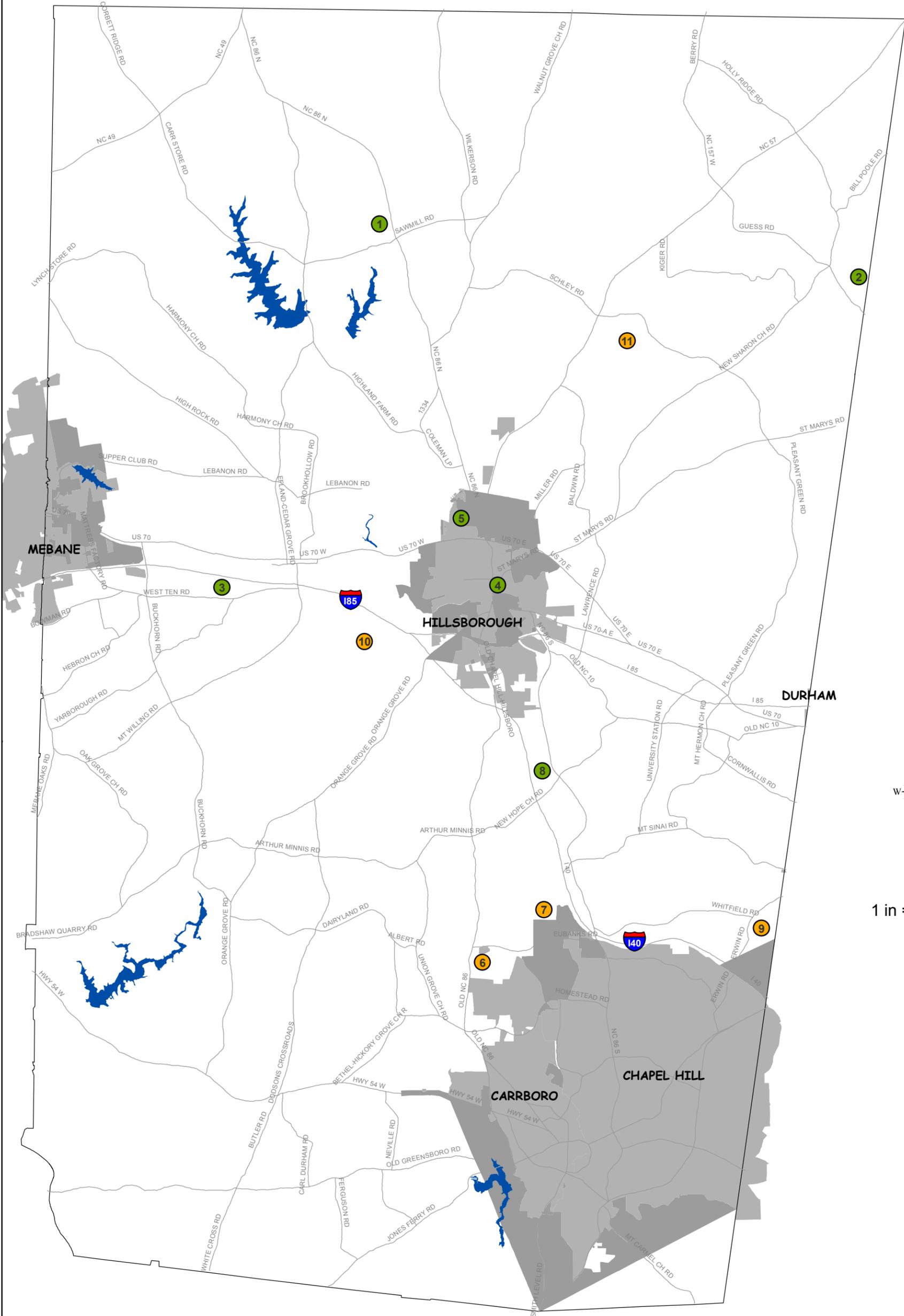
County Capital Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	<i>Park and Recreation Facility Renovations, Repairs and Safety Improvements</i>						Project Status Starting Date Completion Date	<i>New 7/1/2014 Ongoing</i>	
	<i>Community Services</i>								
	<i>DEAPR</i>								
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services			28,500	1,500	2,000	2,000	2,000	36,000	
Construction/Repairs/Renovations	210,200	245,000	81,000	125,000	90,000	120,000	98,000	514,000	400,000
Equipment/Furnishings	101,300	55,000	85,500	53,500	88,000	58,000	80,000	365,000	500,000
<i>Total Project Budget</i>	311,500	300,000	195,000	180,000	180,000	180,000	180,000	915,000	900,000
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service								-	
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
Transfer from General Fund	196,300	300,000	175,000	180,000	180,000	180,000	180,000	895,000	900,000
Transfer from Other Capital Projects	115,200		20,000					20,000	
Capital Projects Fund Balance								-	
Debt Financing								-	
<i>Total</i>	311,500	300,000	195,000	180,000	180,000	180,000	180,000	915,000	900,000

Project Description/Justification

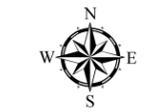
The \$195,000 requested funding in FY2016-17 is for safety, lighting/energy, park infrastructure, signage, preventive maintenance and landscape improvements to parks. Each year, park and recreation equipment and facilities need renovation, repair, replacement and upgrades. This project provides for a scheduled funding source for these needs identified in the 2030 P&R Master Plan process. This allows a schedule of repairs and renovations. that can be planned for in advance. Each year the master list of scheduled projects is reviewed and prioritized, and projects proposed to be funded from this account.

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. Soccer.com Center | | 9. Hollow Rock Nature Park | |  | Lakes |
| 4. River Park | | 10. Upper Eno Nature Preserves | | | |
| 5. Fairview Park | | 11. Northeast District Park | | | |
| 8. Blackwood Farm Park | | | | | |



1 in = 2 miles



DEAPR
Map prepared by Land Records/GIS Division
2/28/2013 Update 3/21/2016<OC 220K O:\gishome\gisproj\land_resources\CIP_PkPrjLocations.mxd

Water & Sewer Utilities Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations								
<i>Efland/North Buckhorn Sewer Expansion</i>							-	
<i>McGowan Creek Outfall</i>							-	
<i>Buckhorn-Mebane EDD Phase 2</i>							-	
<i>Efland Sewer Flow to Mebane</i>	240,000	-	-	-	-	-	-	
<i>Economic Development Infrastructure</i>	50,000	25,000	25,000	25,000	25,000	25,000	125,000	
<i>Hillsborough EDD</i>	1,000,000	-	380,000	-	-	-	380,000	
<i>Eno EDD</i>	1,050,000	120,000	490,000	-	-	-	610,000	
<i>Buckhorn-Mebane EDD Phase 3 & 4</i>	-	-	-	350,000	2,120,000	-	2,470,000	
Total	2,340,000	145,000	895,000	375,000	2,145,000	25,000	3,585,000	-
General Fund Related Operating Costs								
<i>Personnel Services</i>								
<i>Operations</i>								
<i>New Debt Service</i>	931,511	1,091,511	1,091,511	1,153,911	1,153,911	1,323,511	5,814,355	6,617,555
<i>Total Operating Costs</i>	931,511	1,091,511	1,091,511	1,153,911	1,153,911	1,323,511	5,814,355	6,617,555
Revenues/Funding Source								
<i>Transfer from General Fund</i>	-		-		-		-	
<i>Transfer from Other Projects (30017)</i>							-	
<i>General Fund - Debt Service Payments</i>	224,515	224,515	224,515	224,515	224,515	224,515	1,122,575	1,122,575
<i>Article 46 Sales Tax - Debt Service</i>	706,996	866,996	866,996	929,396	929,396	1,098,996	4,691,780	5,494,980
<i>Reserve Funds - Article 46 Sales Tax</i>							-	
<i>Article 46 Sales Tax Proceeds</i>	340,000	145,000	115,000	375,000	25,000	25,000	685,000	
<i>CDBG Grant</i>							-	
<i>State Revolving Loan Funds</i>							-	
<i>Debt Financing - Article 46 Sales Tax</i>	2,000,000		780,000		2,120,000		2,900,000	-
Total	3,271,511	1,236,511	1,986,511	1,528,911	3,298,911	1,348,511	9,399,355	6,617,555

Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21

Project Name	<i>Central Efland/North Buckhorn Sewer Expansion</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community Services</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 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	34,000							-	
Land/Building	59,900							-	
Construction/Repairs/Renovations Equipment/Furnishings	3,700,000							-	
Total Project Budget	3,793,900	-	-	-	-	-	-	-	-
<i>Related Operating Costs</i>									
Personnel Services Operations									
New Debt Service	-	148,798	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	148,798	743,990	743,990
<i>Revenues/Funding Source</i>									
Transfers from General Fund	93,601							-	-
General Fund - Debt Service	-	148,798	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	148,798	743,990	743,990

Project Description/Justification

There is no funding request in FY2016-17 for the Central Efland/North Buckhorn Sewer Expansion project. This project is included to reflect ongoing debt service associated with this project. The Central Efland portion of this project provided sewer service availability to the majority of those properties that requested service 25 years ago. The Northern Buckhorn project is an extension of the City of Mebane's sewer system and serves residents in the area along Buckhorn Road between the Interstate and the railroad tracks. This portion of the project was made possible by EPA Special Appropriations Grants and the DENR State Revolving Loan Fund.

Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21

Project Name	<i>McGowan Creek Outfall</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community and Environment</i>						Starting Date	<i>8/1/2012</i>	
Department	<i>Planning</i>						Completion Date	<i>8/1/2014</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Design Services	94,200							-	
Land/Building	40,000							-	
Construction/Repairs/Renovations	1,120,387							-	
Equipment/Furnishings									
<i>Total Project Budget</i>	1,254,587	-	-	-	-	-	-	-	
<i>Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
New Debt Service		75,717	75,717	75,717	75,717	75,717	75,717	378,585	378,585
<i>Total Operating Costs</i>		75,717	75,717	75,717	75,717	75,717	75,717	378,585	378,585
<i>Revenues/Funding Source</i>									
General Fund - Debt Service		75,717	75,717	75,717	75,717	75,717	75,717	378,585	378,585
Debt Financing (SRF funds)	1,196,773							-	
Article 46 Sales Tax Proceeds	57,814								
<i>Total</i>	1,254,587	75,717	75,717	75,717	75,717	75,717	75,717	378,585	378,585

Project Description/Justification

There is no funding request in FY2016-17 for the McGowan Creek Outfall project. This project is included to reflect ongoing debt service associated with this project. The McGowan Creek Pump Station (MCPS) was the main pump station of the Efland Sewer System. The construction-phase for the Central Efland-2/North Buckhorn sewer expansion included installing a new gravity outfall between the MCPS and the Brookhollow sewer lift station located on Brookhollow Road. The work to prepare the Brookhollow lift station to receive this outfall was completed in March 2013. The County received approval from NCDENR for Clean Water State Revolving Fund (SRF) Loan funds in the amount of \$1,196,773 for this project. The amount shown above represents the final project costs. This project facilitates the eventual transfer of the Efland Sewer system to the City of Mebane.

Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21

Project Name	<i>Buckhorn EDD Water and Sewer</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community Services</i>						Starting Date	<i>12/1/2010</i>	
Department	<i>Planning</i>						Completion Date	<i>9/30/2014</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	439,500								
Land/Building	35,500								
Construction/Repairs/Renovations	4,072,562							-	
Contingency	521,500								
<i>Total Project Budget</i>	5,069,062	-	-	-	-	-	-	-	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service	340,484	340,484	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	340,484	340,484	1,702,418	1,702,418
<i>Revenues/Funding Source</i>									
Transfer from General Fund	335,500							-	
Article 46 Sales Tax Proceeds	477,516								
Article 46 Sales Tax - Debt Service	340,484	340,484	340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418
Debt Financing - Article 46 Sales Tax	4,256,046							-	
<i>Total</i>	5,409,546	340,484	340,484	340,484	340,484	340,484	340,484	1,702,418	1,702,418

Project Description/Justification

There is no funding request in FY2016-17 for the Buckhorn Economic Development District (EDD) Water and Sewer project. This project is included to reflect ongoing debt service associated with this project. The approximately 400 acre area has been designated an Economic Development District. The construction of water and sewer infrastructure in this EDD will facilitate development in the area. The construction bids were received in early October 2012 and completed in summer of 2014.

**Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21**

Project Name	<i>Buckhorn EDD Extension (Efland Sewer to Mebane)</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community Services</i>						Starting Date	<i>7/1/2012</i>	
Department	<i>Planning</i>						Completion Date	<i>9/30/2017</i>	
Project Budget	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10	
<i>Appropriation</i>									
Professional Design Services	393,000	10,000					-		
Land/Building	40,000						-		
Construction/Repairs/Renovations	4,300,000						-		
Project Management		230,000					-		
Equipment/Furnishings							-		
<i>Total Project Budget</i>	4,733,000	240,000	-	-	-	-	-	-	
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service	22,512	366,512	366,512	366,512	366,512	366,512	366,512	1,832,560	1,832,560
<i>Total Operating Costs</i>	22,512	366,512	366,512	366,512	366,512	366,512	366,512	1,832,560	1,832,560
<i>Revenues/Funding Source</i>									
Transfer from General Fund	151,600							-	
Article 46 Sales Tax - Debt Service	22,512	366,512	366,512	366,512	366,512	366,512	366,512	1,832,560	1,832,560
Article 46 Sales Tax Proceeds	-	240,000						-	
Debt Financing - Article 46 Sales Tax	4,581,400							-	
<i>Total</i>	4,755,512	606,512	366,512	366,512	366,512	366,512	366,512	1,832,560	1,832,560

Project Description/Justification

There is no funding request in FY2016-17 for the Buckhorn Economic Development District (EDD) Extension (Efland Sewer to Mebane) project. This project is included to reflect ongoing debt service associated with this project. 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. The strategy for operation and maintenance of the system will comply with the Interlocal Agreement with the Cith of Mebane. 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. The cost estimates have been revised based on preliminary design data and recent bid prices on related projects. Bid award is targeted for Spring of 2016 with construction concluding by summer of 2017.

**Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Economic Development Infrastructure Community Services Planning						Project Status Starting Date Completion Date	Approved 10/15/2013 Ongoing	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
Professional Design Services	265,000	15,000						-	
Acquisition-EDD right-of-way access	45,000	15,000	25,000	25,000	25,000	25,000	25,000	125,000	
Construction/Repairs/Renovations	790,000	20,000						-	
Equipment/Furnishings									
Total Project Budget	1,100,000	50,000	25,000	25,000	25,000	25,000	25,000	125,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service									
Total Operating Costs			-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
Article 46 Sales Tax Proceeds	350,000	50,000	25,000	25,000	25,000	25,000	25,000	125,000	
CDBG Grant Funding	750,000								
Total	1,100,000	50,000	25,000	25,000	25,000	25,000	25,000	125,000	-

Project Description/Justification

The \$25,000 funding request in FY2016-17 is for right-of-way access to support potential rail access project areas. (See map included in this section). In this 300+ acre area (3-mile long corridor), only one rail crossing for non-residential use exists from this area to US 70. This proposed new right-of-way would connect to Buckhorn Road, possibly opposite Industrial Drive to give more direct access to the interstate. The funding in Prior Years (FY 2013-14) reflects the development of the Morinaga Candy Company site. This project was funded by state and CDBG grants in addition to Article 46 Sales Tax Revenue. The project consisted of design for extension of water, sewer and roadway infrastructure to the site from surrounding existing utility system and construction of the water and sewer extension. NC Department of Transportation paid for the construction of the road extension onto the property. The Morinaga site was connected to the sewer line that was constructed as part of the Buckhorn Mebane EDD project and is operated and maintained by the City of Mebane in compliance with the interlocal agreement

Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	<i>Hillsborough EDD Community Services Planning</i>							Project Status Starting Date Completion Date	<i>Approved 7/1/2016 6/30/2018</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Design Services	100,000			90,000				90,000	
Land/Building	50,000							-	
Construction/Repairs/Renovations Equipment/Furnishings	-	1,000,000		290,000				290,000	-
Total Project Budget	150,000	1,000,000	-	380,000	-	-	-	380,000	-
<i>Related Operating Costs</i>									
Personnel Services Operations New Debt Service			80,000	80,000	103,200	103,200	103,200	469,600	516,000
Total Operating Costs			80,000	80,000	103,200	103,200	103,200	469,600	516,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund Article 46 Sales Tax - Debt Service Article 46 Sales Tax Proceeds Debt Financing - Article 46 Sales Tax			80,000	80,000	103,200	103,200	103,200	469,600	516,000
	150,000			90,000				90,000	
		1,000,000		290,000				290,000	-
Total	150,000	1,000,000	80,000	460,000	103,200	103,200	103,200	849,600	516,000

Project Description/Justification

There is no funding request in FY2016-17 for the Hillsborough Economic Development District (EDD). The \$380,000 funding request in the FY2017-18 are additional funds needed for the project based on the revised scope and cost estimate. The prior year funding would be included with the requested funds. Also, the County with the Town of Hillsborough will develop a Utility Service Agreement prior to beginning the project. The 400 acre area of the County has been designated an Economic Development District. The design and construction of water and sewer infrastructure in this EDD will facilitate development in the area. The design of water and sewer infrastructure would be done in conjunction with the Town of Hillsborough. (See map included in this section)

Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	<i>Eno EDD Community Services Planning</i>							Project Status Starting Date Completion Date	<i>Approved 12/1/2012 4/30/2018</i>
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Design Services	265,000		110,000					110,000	
Land/Building	-	50,000	10,000					10,000	
Construction/Repairs/Renovations	-	1,000,000		400,000				400,000	
Project Management				90,000				90,000	
<i>Total Project Budget</i>	265,000	1,050,000	120,000	490,000	-	-	-	610,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service			80,000	80,000	119,200	119,200	119,200	517,600	596,000
<i>Total Operating Costs</i>			80,000	80,000	119,200	119,200	119,200	517,600	596,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund	200,000			-				-	
Article 46 Sales Tax Proceeds	65,000	50,000	120,000	-				120,000	
Article 46 Sales Tax - Debt Service		-	80,000	80,000	119,200	119,200	119,200	517,600	596,000
Debt Financing - Article 46 Sales Tax	-	1,000,000		490,000				490,000	
<i>Total</i>	265,000	1,050,000	200,000	570,000	119,200	119,200	119,200	1,127,600	596,000

Project Description/Justification

The \$120,000 funding request in FY2016-17 for the Eno Economic Development District (EDD) project is for the design and possible easement acquisitions, and the \$490,000 funding request in FY 2017-18 is for construction of the utility infrastructure. This 800 acre area of the County has been designated an Economic Development District. The design and construction of water and sewer infrastructure in this EDD will facilitate development in the area. (See map included in this section). There is an agreement between Orange County and the City of Durham, for Durham to provide water and sewer service to this area. The county and the city will collaboratively supervise the design and construction of the utility infrastructure. However, results of an engineering study revealed downstream sewage capacity constraints that must be resolved before the sewer system can be extended. Durham has issued an RFP to begin the process of removing these constraints, but expects this will take up to three years of design and construction.

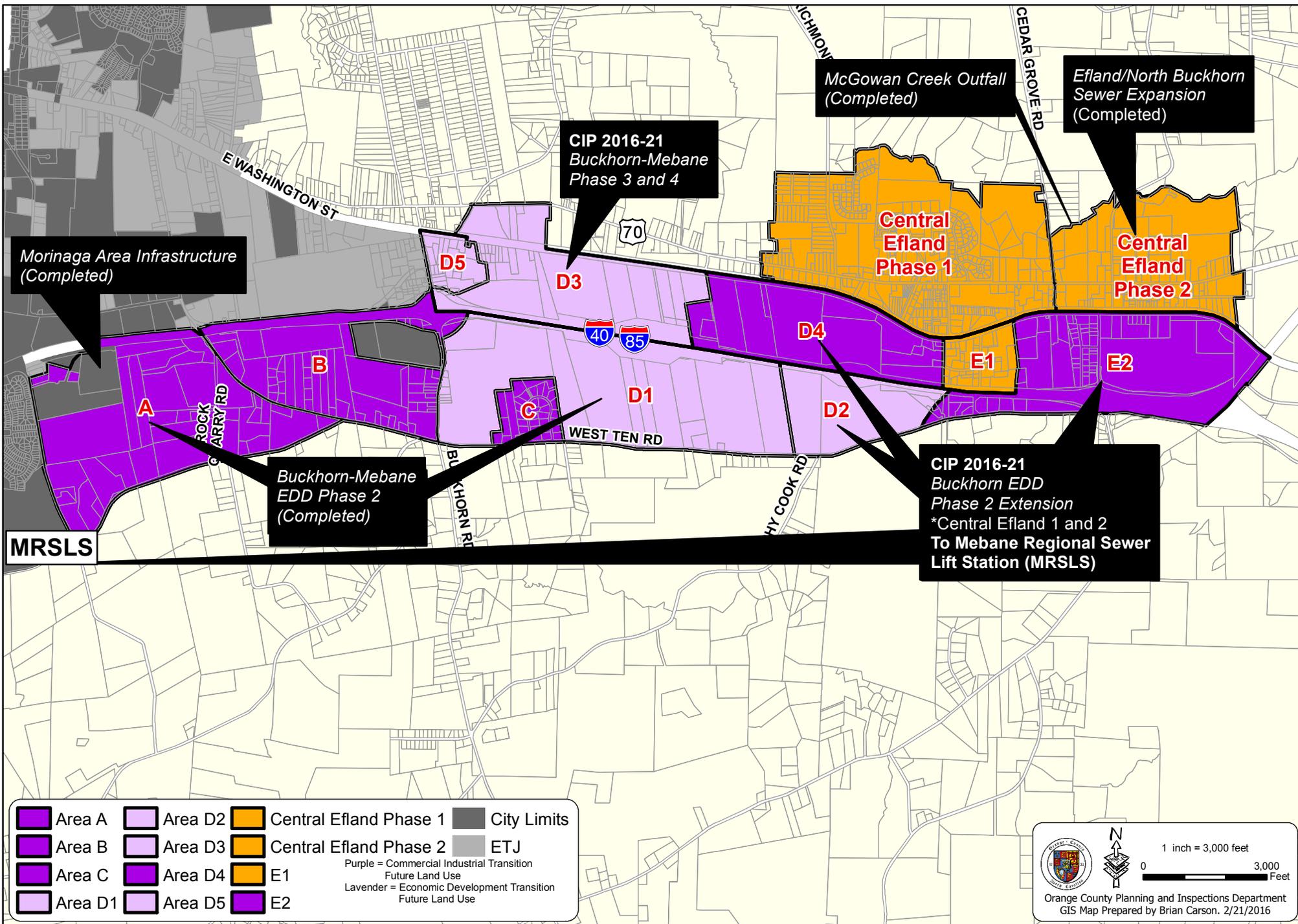
Water & Sewer Utilities Capital Projects
Fiscal Years 2016-21

Project Name	<i>Buckhorn-Mebane EDD Phase 3 & 4 Water and Sewer</i>						Project Status	<i>Approved</i>	
Functional Service Area	<i>Community Services</i>						Starting Date	<i>8/1/2017</i>	
Department	<i>Planning</i>						Completion Date	<i>12/31/2019</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Design Services	-				200,000	120,000		320,000	
Land/Building	-				150,000			150,000	
Construction/Repairs/Renovations			-			2,000,000		2,000,000	
Equipment/Furnishings									
<i>Total Project Budget</i>	-		-	-	350,000	2,120,000	-	2,470,000	
<i>General Fund Related Operating Costs</i>									
Personnel Services									
Operations									
New Debt Service							169,600	169,600	848,000
<i>Total Operating Costs</i>			-	-	-	-	169,600	169,600	848,000
<i>Revenues/Funding Source</i>									
Article 46 Sales Tax Proceeds	-		-		350,000			350,000	
Article 46 Sales Tax - Debt Service				-			169,600	169,600	848,000
Debt Financing - Article 46 Sales Tax			-			2,120,000		2,120,000	
<i>Total</i>	-		-	-	350,000	2,120,000	169,600	2,639,600	848,000

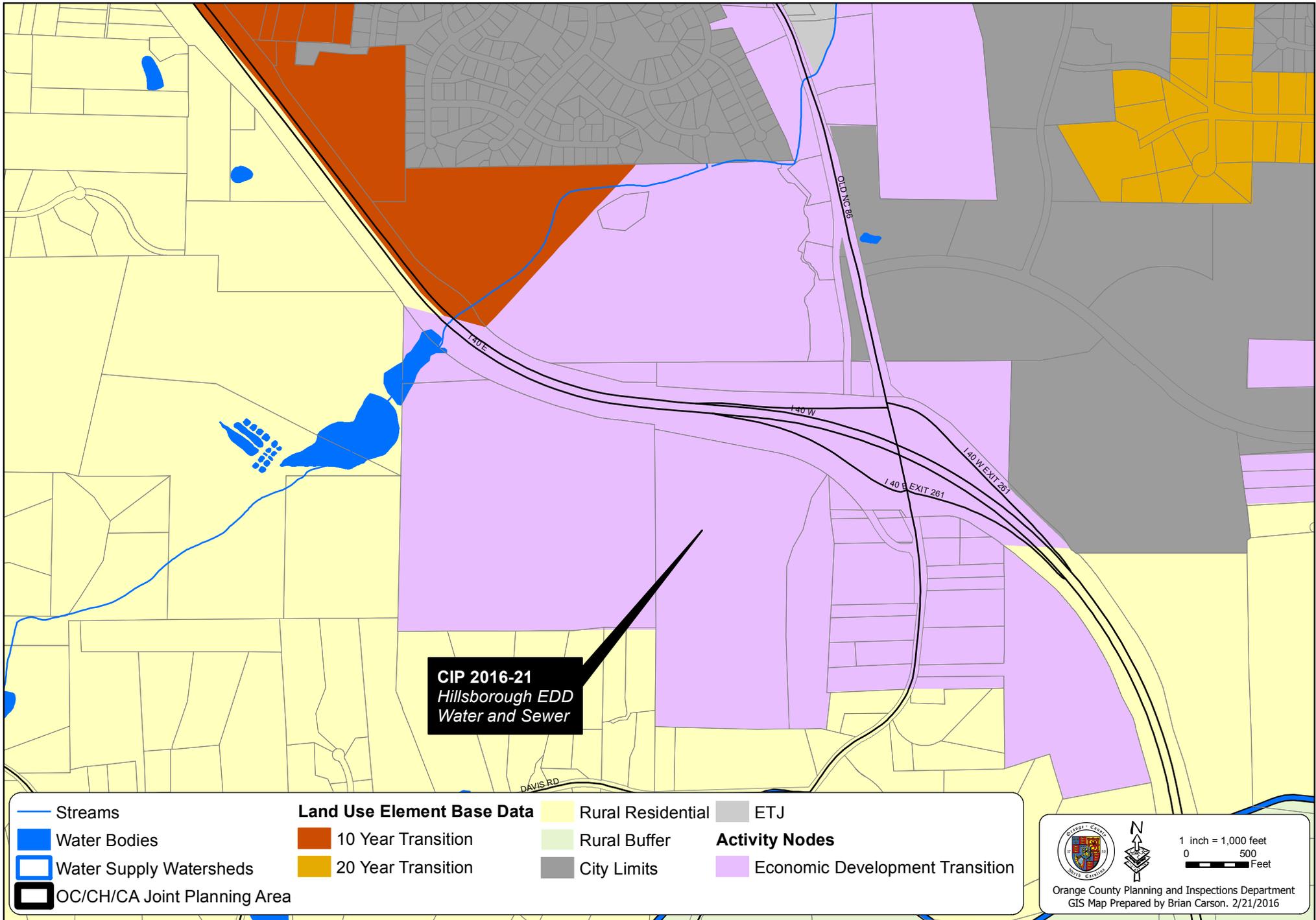
Project Description/Justification

There is no funding request in FY2016-17 for the Buckhorn-Mebane Economic Development District (EDD) Water and Sewer project. The \$350,000 funding request in FY2018-19, followed by the \$2,120,000 funding request in FY2019-20 is for a gravity sewer connection to the Phase 2 infrastructure which was completed in 2014. The specific timing of the funding of the project will be based on the demand for economic development activity in the area. This 350 acre area of the County has been designated an Economic Development District. The design and construction of water and sewer infrastructure in this EDD will facilitate development in the area. 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 (see map included in this section), two highway bores, and one new sewer pump station to replace the existing Gravelly Hill pump station.

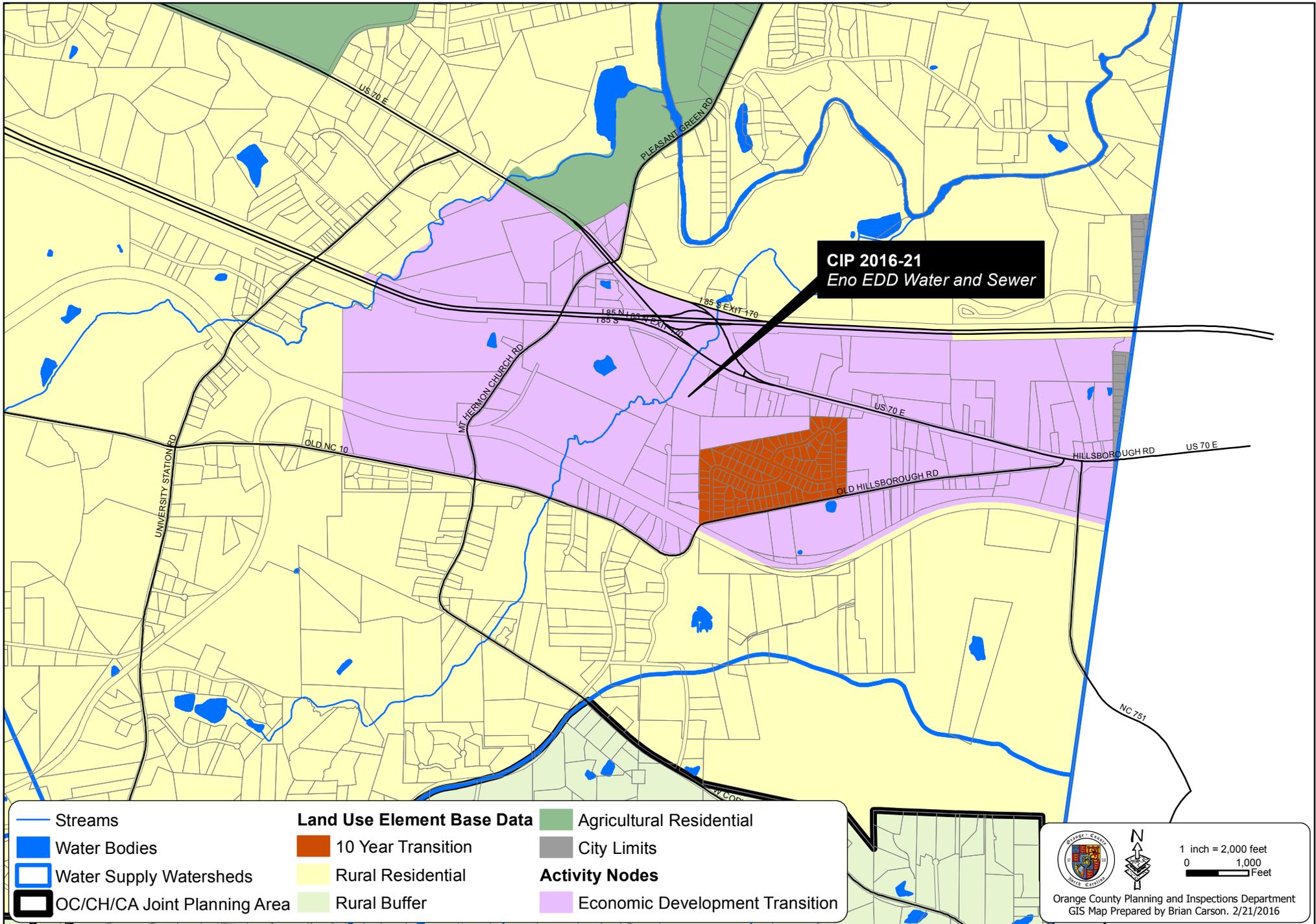
Efland/Buckhorn/Mebane Capital Projects



Hillsborough EDD CIP Project Area



Eno EDD CIP Project Area





 1 inch = 2,000 feet
 0 1,000 Feet

Orange County Planning and Inspections Department
 GIS Map Prepared by Brian Carson. 2/21/2016

Solid Waste Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations								
<i>Environmental Support</i>		-	116,484	-	-	-	116,484	
<i>Sanitation - Equipment</i>		217,285	155,478	251,790	359,832		984,385	745,126
<i>Recycling - Vehicles and Equipment</i>	1,152,384	345,432		552,189	825,886	807,473	2,530,980	4,147,570
<i>Eubanks Road Convenience Center</i>							-	
<i>High Rock Road Convenience Center</i>			804,784				804,784	
<i>Ferguson Road Convenience Center</i>					904,255		904,255	
<i>Bradshaw Quarry Convenience Center</i>							-	1,016,021
<i>Roll-Card Distribution/Maintenance Bldg</i>	165,000						-	
<i>Landfill - C & D Equipment</i>				318,542			318,542	
Total	1,317,384	562,717	1,076,746	1,122,521	2,089,973	807,473	5,659,430	5,908,717
Solid Waste Fund Related Operating Costs								
<i>Personnel Services</i>		39,429	71,480	72,153	72,832	73,519	329,413	371,059
<i>Operations</i>	44,000	32,405	83,773	33,852	43,346	36,956	230,332	186,781
<i>New Debt Service</i>	384,269	497,376	619,463	745,650	989,192	1,321,931	4,173,612	6,661,939
<i>Total Operating Costs</i>	428,269	569,210	774,716	851,655	1,105,370	1,432,406	4,733,357	7,219,779
Revenues/Funding Source								
<i>Solid Waste - Debt Service</i>	384,269	497,376	619,463	745,650	989,192	1,321,931	4,173,612	6,661,939
<i>Solid Waste Funds</i>	640,543	71,834	260,225	106,005	234,124	110,475	782,663	690,364
<i>Debt Financing</i>	720,841	562,717	971,774	1,122,521	1,972,027	807,473	5,436,512	5,776,193
<i>Grant</i>							-	
Total	1,745,653	1,131,927	1,851,462	1,974,176	3,195,343	2,239,879	10,392,787	13,128,496

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 residents of Orange County.

Solid Waste - Environmental Support
Fiscal Years 2016-21

Project Name	Environmental Support - Equipment Replacement						Project Status	n/a	
Functional Service Area	Environmental Support						Starting Date		
Department	Solid Waste Management						Completion Date		
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	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>	-	-	116,484	-	-	-	-	116,484	172,048
<i>Solid Waste Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									
<i>Total Operating Costs</i>	-	-	-	25,272	25,272	25,272	75,816	50,544	50,544
<i>Revenues/Funding Source</i>									
<i>Solid Waste Funds - Debt Service</i>									
<i>Debt Financing</i>									
<i>Total</i>	-	-	116,484	25,272	25,272	25,272	192,300	222,592	222,592

Project Description/Justification

Year 1, 2016-2017
Year 2, 2017-2018 Replace Large Service truck \$ 116,484 Deferred purchase of Large Service Truck from FY 2016/17 due to condition of vehicle
Year 3, 2018-2019
Year 4, 2019-2020
Year 5, 2020-2021

Year 6-10 \$ 172,048
2025-2026 Repalce Large Service Truck \$172,048

Solid Waste - Recycling Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	Vehicle and Equipment Replacement/ Cart Purchase Recycling Operations Solid Waste Management						Project Status Starting Date Completion Date	Active	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
<i>Equipment/Furnishings</i>	2,953,163	1,152,384	345,432	-	552,189	825,886	807,473	2,530,980	4,147,570
<i>Total Project Budget</i>	2,953,163	1,152,384	345,432	-	552,189	825,886	807,473	2,530,980	4,147,570
<i>Solid Waste Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>		111,384	208,651	283,596	283,596	403,399	582,583	1,761,825	2,705,212
<i>Total Operating Costs</i>		111,384	208,651	283,596	283,596	403,399	582,583	1,761,825	2,705,212
<i>Revenues/Funding Source</i>									
<i>Solid Waste Funds</i>	1,488,194	596,543		-					
<i>Debt Financing</i>	1,181,544	555,841	345,432		552,189	825,886	807,473	2,530,980	4,147,570
<i>Solid Waste - Debt Service</i>		111,384	208,651	283,596	283,596	403,399	582,583	1,761,825	2,705,212
<i>Grant</i>	283,425								
<i>Total</i>	2,953,163	1,263,768	554,083	283,596	835,785	1,229,285	1,390,056	4,292,805	6,852,782

Project Description/Justification

Current Year (FY 2015-16)		Year 4 (FY 2019-20)	
Replace Front End Loader (1776)	\$ 286,453	Replace Road Tractor (846)	\$ 134,334
Replace Rural Curbside Recycling Truck (1639)	\$ 321,841	Replace (2) Rural Curbside Recycling Trucks (923 & 924)	\$ 691,552
Purchase New rural Curbside Recycling Truck	\$ 310,090		
Buy an additional 4,000 rural carts (\$58.50/ea)	\$ 234,000	Year 5 (FY 2020-21)	
		Replace Roll-off Truck (1779)	\$ 241,062
		Replace Govt. Bldg. Collections Truck	\$ 119,526
		Replace Road Tractor (887)	\$ 135,334
Year 1 (FY 2016-17)		Year 6-10	
Replace Rubber Tire Loader (Processing Pad)	\$ 128,197	2021-22 - Replace Cat Wheel Loader	\$ 125,604
Replace Roll-off Truck (1681)	\$ 217,235	2021-22 Replace Cat Track Loader	\$ 216,326
		2021-22 Replace (2) Curbside Recycling Trks	\$ 846,848 1188778
		2022-23 Replace Roll-off Truck	\$ 237,534
		2022-23 Replace Front End Loader Truck	\$ 317,919 \$ 555,453
		2024-25 Replace Multi-Family Truck	\$ 256,951
		2024-25 Replace Rubber Tire Loader	\$ 175,446 \$ 432,397
		2025-26 Replace Grinder	\$ 700,000
		2025-26 Replace Front End Loader Truck	\$ 344,196
		2025-26 Replace (2) Curbside Recycling Trks	\$ 926,746
Year 2 (FY 2017-18)			
No equipment/vehicles over \$100,000 planned to be purchased.			
Year 3 (FY 2018-19)			
Replace Multi-Family Truck (897)	\$ 242,059		
Replace Front End Loader (1781)	\$ 310,130		

**Solid Waste Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Equipment Replacement Landfill/Construction and Demolition Solid Waste Management/Landfill Division						Project Status Starting Date Completion Date	n/a	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
<i>Land/Building</i>								-	
<i>Professional Services</i>								-	
<i>Construction/Repairs/Renovations</i>								-	
<i>Equipment/Furnishings</i>					318,542			318,542	514,430
<i>Total Project Budget:</i>	-	-	-	-	318,542	-	-	318,542	514,430
<i>Solid Waste Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>						69,111	69,111	138,222	513,907
<i>Total Operating Costs</i>	-	-	-	-	-	69,111	69,111	138,222	513,907
<i>Revenues/Funding Source</i>									
<i>Solid Waste Funds</i>					-			-	
<i>Debt Financing</i>					318,542			318,542	514,430
<i>Solid Waste Fund - Debt Service</i>						69,111	69,111	138,222	513,907
<i>Grant Funds</i>								-	
<i>Total</i>	-	-	-	-	318,542	69,111	69,111	456,764	1,028,337

Project Description/Justification

Rebuild Compactor
Year 2, 2017-2018
Year 3, 2018-2019 Rebuild Compactor \$ 318,542
Year 4, 2019-2020
Year 5, 2020-2021

Years 6-10 \$ 514,430
 2021-22 D-6 Dozer Rebuild \$112,889
 2022-23 Cat 325D Rebuild \$106,586
 2025-26 Cat 730 Rebuild \$294,955

**Solid Waste Projects
Fiscal Years 2016-21**

Project Name	Roll-Card Distribution and Maintenance Building						Project Status	Approved	
Functional Service Area	Recycling Operations						Starting Date	12/1/2015	
Department	Solid Waste Management/Recycling Division						Completion Date	3/1/2016	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations		165,000						-	
Equipment/Furnishings								-	
Total Project Budget:	-	165,000	-	-	-	-	-	-	-
<i>Solid Waste Fund Related Operating Costs</i>									
Personnel Services			-	-	-				
Operations			200	200	200	250	250	1,100	1,250
New Debt Service			15,840	15,840	15,840	15,840	15,840	79,200	79,200
Total Operating Costs	-	-	16,040	16,040	16,040	16,090	16,090	80,300	80,450
<i>Revenues/Funding Source</i>									
Solid Waste Funds			200	200	200	250	250	1,100	1,250
Debt Financing		165,000						-	
Solid Waste Fund - Debt Service			15,840	15,840	15,840	15,840	15,840	79,200	79,200
Grant Funds								-	
Total	-	165,000	16,040	16,040	16,040	16,090	16,090	80,300	80,450

Project Description/Justification

Current Year:

FY 2015-16: Recycling Roll-Card Distribution and Maintenance Building (\$165,000)

Facility will house stock of roll carts maintained for the urban and rural curbside programs, commercial and government building collections, and other services utilizing roll carts. The building will also store parts for and service as the shop where roll cart repairs are performed. Electricity costs of <\$200/year are more than offset by labor savings of cleaning roll carts prior to distribution, resulting from current outdoor storage.

Solid Waste - Sanitation Projects
Fiscal Years 2016-21

Project Name Functional Service Area Department	Vehicle/Equipment Replacement Sanitation Solid Waste Management		Project Status Starting Date Completion Date					Active	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
Land/Building Construction/Repairs/Renovations								-	-
Equipment/Furnishings	692,668		217,285	155,478	251,790	359,832		984,385	745,126
Total Project Budget	692,668	-	217,285	155,478	251,790	359,832	-	984,385	745,126
<i>Solid Waste Fund Related Operating Costs</i>									
Personnel Services	-		-	-	-	-	-	-	-
Operations	-		-	-	-	-	-	-	-
New Debt Service				47,142	80,875	135,503	213,572	477,092	845,153
Total Operating Costs	-		-	47,142	80,875	135,503	213,572	477,092	845,153
<i>Revenues/Funding Source</i>									
Solid Waste Funds	662,668							-	-
Solid Waste - Debt Service				47,142	80,875	135,503	213,572	477,092	845,153
Debt Financing			217,285	155,478	251,790	359,832		984,385	745,126
Grant	30,000							-	-
Total	692,668	-	217,285	202,620	332,665	495,335	213,572	1,461,477	1,590,279

Project Description/Justification

Year 1

FY 2016-17 Replacement of Front End Loader #780, a 2009 Peterbilt with over 88,000 current miles. The Front End Loader is being replaced with a Hook Lift Truck with a lower cost of \$217,285 for an estimated savings of \$93,552. The change to a Hook Lift Truck is a result of the previously completed Walnut Grove Church Road Waste & Recycling Center and the pending Eubanks Road improvements, which converted to roll-off containers rather than front-end loader dumpster containers.

217,285

Year 2

FY 2017-18 Replacement of Tandem Dump Truck #679, a 2005 Sterling, used to haul and spread stone as well, haul equipment and used for other miscellaneous projects.

155,478

Year 3

FY 2018-19 Replacement of Hook Lift Truck #844, a 2012 International.

251,790

Year 4

FY 2019-20 Replacement of Front End Loader 881, 2013 Peterbilt.

359,832

Year 5

FY 2020-21 No capital vehicle replacements scheduled

0

Years 6-10

745,126

Year 6 FY 2021-22 No capital vehicle replacements scheduled

0

Year 7 FY 2022-23 Replacement of a 2015 Front End Loader

390,832

Year 8 FY 2023-24 No capital vehicle replacements scheduled

0

Year 9 FY 2024-25 No capital vehicle replacements scheduled

0

Year 10 FY 2025-26 Replacement of Hook Lift vehicle

354,294

**Solid Waste Projects
Fiscal Years 2016-21**

Project Name	<i>Bradshaw Quarry Road Waste & Recycling Center</i>						Project Status	<i>Tentative</i>	
Functional Service Area	<i>Sanitation</i>						Starting Date	<i>Fall 2021</i>	
Department	<i>Solid Waste Management</i>						Completion Date	<i>3/1/2022</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>								-	
<i>Professional Services</i>								-	132,524
<i>Construction/Repairs/Renovations</i>								-	883,497
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget:</i>	-	-	-	-	-	-	-	-	1,016,021
<i>Solid Waste Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>New Debt Service</i>									390,152
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	390,152
<i>Revenues/Funding Source</i>									
<i>Solid Waste Funds</i>								-	132,524
<i>Debt Financing</i>				-				-	883,497
<i>Solid Waste Fund - Debt Service</i>				-	-	-	-	-	390,152
<i>Grant Funds</i>								-	
<i>Total</i>	-	-	-	-	-	-	-	-	1,406,173

Project Description/Justification

Year 6 to Year 10

\$1,016,021

FY 2021-22: Improvements (Bradshaw Quarry Road Waste & Recycling Center) - includes the modernization of the Bradshaw Quarry Road Center into a Neighborhood Center (\$883,497). This Center is located on leased property with a month-to-month term. This site is incapable of hosting a Neighborhood Center due to its size and expansion limitations. Staff will require discussions with the BOCC to determine how to proceed, including potentially seeking another location for this Neighborhood Center. Cost shown reflects consistent estimates based on other planned Neighborhood Centers, inflated 6% annually.

**Solid Waste Projects
Fiscal Years 2016-21**

Project Name	<i>Ferguson Road Waste & Recycling Center</i>						Project Status	<i>Pending</i>	
Functional Service Area	<i>Sanitation</i>						Starting Date	<i>Fall 2019</i>	
Department	<i>Solid Waste Management</i>						Completion Date	<i>3/1/2020</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
<i>Land/Building</i>								-	
<i>Professional Services</i>						117,946		117,946	
<i>Construction/Repairs/Renovations</i>						786,309		786,309	
<i>Equipment/Furnishings</i>								-	
<i>Total Project Budget:</i>	-	-	-	-	-	904,255	-	904,255	-
<i>Solid Waste Fund Related Operating Costs</i>									
<i>Personnel Services</i>									
<i>Operations</i>						9,190	2,800	11,990	15,000
<i>New Debt Service</i>							75,486	75,486	377,428
<i>Total Operating Costs</i>	-	-	-	-	-	9,190	78,286	87,476	392,428
<i>Revenues/Funding Source</i>									
<i>Solid Waste Funds</i>						127,136	2,800	129,936	15,000
<i>Debt Financing</i>					-	786,309		786,309	
<i>Solid Waste Fund - Debt Service</i>				-	-	-	75,486	75,486	377,428
<i>Grant Funds</i>								-	
<i>Total</i>	-	-	-	-	-	913,445	78,286	991,731	392,428

Project Description/Justification

Year 4

FY 2019-20: SWCC Improvements (Ferguson Road Waste & Recycling Center) - includes the modernization of the Ferguson Road Center into a Neighborhood Center (\$786,309). Due to a number of exigencies, staff has not conducted a more detailed site assessment or developed a detailed site plan that would allow for a more complete project cost estimate. It is estimated that the cost for Ferguson Road Center would be very similar to the High Rock Road Center budget estimate, escalated 6%. It is staffs intention to perform a more complete site assessment and site plan development over the next few months to develop a more accurate and reliable project budget that can be considered by the BOCC. Above projections project a March 1, 2020 opening. No new staff are recommended. First year operating costs include relocation and installation of security cameras, septic pump & haul and electricity costs. Subsequent year operating costs include electrical costs and septic pump & hauling costs. Operational efficiencies due to more efficient hauling resulting from use of compactors and the differing array of services offered at Neighborhood Centers provide for an estimated average annual savings of \$25,000. Additionally, fully enclosed waste compactors will not contain the water logged, heavier materials resulting from the current open-topped dumpsters becoming rain soaked and the associated increased tipping fee costs.

There is some uncertainty as to whether this county owned 1.97 acre parcel would be permissible due to watershed protection standards limiting impervious surfaces beyond 10% of total area. As it stands now, approximately 72% of the site is considered to be impervious. Solid Waste and Planning staff are continuing discussions to determine how this development may occur and what flexibility the BOCC may have in this regard.

**Solid Waste Projects
Fiscal Years 2016-21**

Project Name	<i>High Rock Road Waste & Recycling Center Center</i>						Project Status	<i>Active</i>	
Functional Service Area	<i>Sanitation</i>						Starting Date	<i>Fall 2017</i>	
Department	<i>Solid Waste Management</i>						Completion Date	<i>3/1/2018</i>	
Project Budget	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services				104,972				104,972	
Construction/Repairs/Renovations				699,812				699,812	
Equipment/Furnishings								-	
Total Project Budget:	-	-	-	804,784	-	-	-	804,784	-
<i>Solid Waste Fund Related Operating Costs</i>									
Personnel Services									
Operations				50,765	780	840	840	53,225	4,200
New Debt Service					67,182	67,182	67,182	201,546	335,910
Total Operating Costs	-	-	-	50,765	67,962	68,022	68,022	254,771	340,110
<i>Revenues/Funding Source</i>									
Solid Waste Funds				155,737	780	840	840	158,197	4,200
Debt Financing				699,812				699,812	
Solid Waste Fund - Debt Service				-	67,182	67,182	67,182	201,546	335,910
Grant Funds								-	
Total	-	-	-	855,549	67,962	68,022	68,022	1,059,555	340,110

Project Description/Justification

Year 2

FY 2017-18: Improvements (High Rock Road Waste and Recycling Center) - includes the modernization of the High Rock Road Center into a Neighborhood Center (\$699,812). Costs have been revised and updated and site is projected to open March 1, 2018. As a Neighborhood Center, services will be modified as larger bulky materials, metal, yard waste, tires, clean wood, and white goods will no longer be accepted. Smaller bulky materials which will fit into the household waste compactor will continue to be accepted. The salvage shed, waste oil, oil filters, wet & dry cell batteries and electronics will also remain. Plastic film, textiles, cooking oil and food waste recycling programs will be added.

The High Rock Road Center is located on leased property and planned site improvements will continue to be coordinated with the property owner. The first term of the 2012 lease will end on July 1, 2022, with an automatic renewal of an additional term of ten (10) years. Thereafter, the County has the right of extending the lease for three (3) additional consecutive five (5) year terms provided that the Owner does not exercise its option to terminate the lease. Operating costs increases for FY-17-18 will be an estimated \$50,765 that includes electricity costs, relocation and installation of security cameras and establishment of a temporary site during construction; no new staff is required. Additional operating costs for subsequent years are estimated to be less than \$1,000 annually for electricity. Annual estimated operational savings of 25,000-\$30,000 will result from more efficient hauling of waste and recyclables from compactors rather than hauling loose materials coupled with the savings from hauling the eliminated materials associated with the Neighborhood Center concept. Additionally, fully enclosed waste compactors will not contain the water logged, heavier materials resulting from the current open-topped dumpsters becoming rain soaked and the associated increased tipping fee costs.

The Neighborhood/District Waste & Recycling Center concept was endorsed by the BOCC in 2011/12 providing essential services to all county residential sectors, increasing services and hours at District Centers and help partially fund the center improvements through increased efficiencies and savings from reduced/reallocated services and hours at the Neighborhood Centers. Staff had proposed that High Rock Road Waste & Recycling Center be the first Neighborhood Center constructed.

**Solid Waste Projects
Fiscal Years 2016-21**

Project Name Functional Service Area Department	Eubanks Road Convenience Center Sanitation Solid Waste Management						Project Status Starting Date Completion Date	Approved Pending 12/1/2016	
	Prior Years Funding	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Project Budget									
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	3,145,858							-	
Equipment/Furnishings	30,000							-	
Total Project Budget:	3,175,858	-	-	-	-	-	-	-	-
<i>Solid Waste Fund Related Operating Costs</i>									
Personnel Services			39,429	71,480	72,153	72,832	73,519	329,413	371,059
Operations	44,000		32,205	32,808	32,872	33,066	33,066	164,017	166,331
New Debt Service	272,885		272,885	272,885	272,885	272,885	272,885	1,364,423	1,364,423
Total Operating Costs	316,885	316,885	344,519	377,173	377,910	378,783	379,470	1,857,853	1,901,813
<i>Revenues/Funding Source</i>									
Solid Waste Funds	303,311	44,000	71,634	104,288	105,025	105,898	106,585	493,430	537,390
Debt Financing	2,842,547							-	
Solid Waste Fund - Debt Service		272,885	272,885	272,885	272,885	272,885	272,885	1,364,423	1,364,423
Grant Funds	30,000							-	
Total	3,175,858	316,885	344,519	377,173	377,910	378,783	379,470	1,857,853	1,901,813

Project Description/Justification

FY 2014-15: Solid Waste Facilities Improvements - Eubanks Road) (\$1,775,535 remaining from original 3 million debt financing; \$303,311 remaining from completed and under budget landfill closure project). This project includes a modernization of the existing center similar to the recently completed Walnut Grove Road District Center, and the relocation of the main landfill entrance and scales from the south side of Eubanks Road to the north side of Eubanks Road. (\$3,145,858); Grant (reimbursable) for Compactor (\$30,000)

Project has been delayed due to various issues with design and permitting. Recently received bids (Feb. 2) have exceeded existing project budget and an assessment is underway to determine adjustments to the bids that can keep the project viable. Deduct alternates contained within the bidding documents did not adequately compensate for the budget exceedence and were in-part, at significant variance with value engineering deduct estimates. Discussions are underway with the low bidder to explore options for reducing costs.

Current year operating cost of \$44,000 includes establishment of a temporary center to be used during construction and associated public education & outreach. Year one operating costs include seven months of two new 30/hr./wk. part-time permanent center operators, installation of security cameras, OWASA permit, water service, electricity, principle & interest and expanded hours for HHW facility.

Operating efficiencies due to the installation of compactors and the ability to add larger roll-off containers provide for improved hauling efficiencies are estimated at \$25,000-\$30,000 annually, not including environmental and safety benefits of reduced hauling. Due to the installation of compactors an additional savings of \$93,552 is being experienced in FY16-17 due to the change from a front-loading truck to a less costly roll-off truck. Additionally, fully enclosed waste compactors will not contain the water logged, heavier materials resulting from the current open-topped dumpsters becoming rain soaked and the associated increased tipping fee costs.

Sportsplex Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Project Budget	Prior Fiscal Year 2014-15	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Appropriations									
<i>New Facilities Projects:</i>									
Field House Expansion Fitness section(1)	950,000							-	
Field House Sports and Recreation Section(1)		2,800,000						-	
<i>Facility Maintenance/Replacement Items:</i>									
Parking Lot Repair/Repave (2)		150,000						-	200,000
Pool wall reglaze (2)	125,000							-	
Tilt up Panel (exterior wall system) (2)	100,000							-	
Rotating Fitness Equipment Upgrade/Replacement (9)			100,000		100,000		100,000	300,000	350,000
Kidsplex Equipment Upgrade (10)				50,000				50,000	100,000
Pool pump/filter (11)		100,000						-	
Major upgrade of Servers, Telephones (8)			35,000					35,000	50,000
Rink concrete ice floor repair (3) Completed		75,000						-	
Ice Rink Re-Build (4)							1,500,000	1,500,000	
Rink de-humidification /Ice Rink Munters (5)						125,000		125,000	
Major rebuild - compressors/chiller barrel (7)					100,000			100,000	
Climbing Wall (deferred to 2017-18)				100,000				100,000	
HVAC Contingency (12)			50,000		85,000			135,000	250,000
IT/Communications/Security Contingency (13)				50,000				50,000	100,000
Ice Rink/Fitness Wall Repair Paint Project			40,000					40,000	50,000
Pool Lane Timer/Scoreboard (4)								-	40,000
Rink Scoreboard			20,000					20,000	
Outside Play Area (6)			45,000					45,000	
Inflatables (14)			30,000		25,000	5,000		60,000	30,000
Boiler/Pumps (15)				75,000		50,000		125,000	125,000
Pools Replaster and Tile(16)				125,000				125,000	125,000
Low Mtc., High Efficiency Pool Chemical Feed Upgrade					90,000			90,000	
Signage Upgrade		25,000						-	30,000
Ice Rink Renovation: Boards; Lockers, Rubberized Floor							175,000	175,000	
Upgrade to High Efficiency Utility Mgmt. System						200,000		200,000	
Roof Asset Mgmt. Program (RAMP) recommendations									450,000
Total	1,175,000	3,150,000	320,000	400,000	400,000	380,000	1,775,000	3,275,000	1,900,000
Sportsplex Related Debt Service Costs									
New Debt Service		91,200	360,000	360,000	360,000	360,000	360,000	1,800,000	2,520,000
Total		91,200	360,000	360,000	360,000	360,000	360,000	1,800,000	2,520,000
Revenues/Funding Source									
Sportsplex Fund Balance	225,000	350,000	320,000	400,000	400,000	380,000	275,000	1,775,000	1,900,000
Sportsplex - Debt Service		91,200	360,000	360,000	360,000	360,000	360,000	1,800,000	2,520,000
Debt Financing	950,000	2,800,000	-	-	-	-	1,500,000	1,500,000	
Total	1,175,000	3,241,200	680,000	760,000	760,000	740,000	2,135,000	5,075,000	4,420,000

1. No change in growth assumptions from prior years submittal. Project was re-scoped to create national class recreation facility adding indoor turf and court. Fitness space in Pool Mezzanine moved to Field House for construction synergies. All phases now consolidated to facilitate maximum construction logistics and cost efficiencies with a Spring 2016 groundbreaking.

Field House fitness section to feature new member lockers; dedicated spin/row/yoga studio: strength center and aging adults cardio center.

Field House sports/recreation section to include indoor turf field and courts for soccer, lacrosse, senior walking, running, basketball, volleyball, pickleball and proprietary RFP programs such as Lil Kickers/Dunkers . NOTE: Projected annual revenues related to this project are anticipated to more than cover the annual debt service required for this project. Land has been acquired and parking plan approved.

2. Parking Lot repave; pool wall; exterior paint all deferred to be done with Field House addition for construction synergy purposes

3. Rink floor repair completed and paid out of Operating Funds

4. Formal studies estimate the average life of concrete roads at 27 years. (40 years in southern climates and 18 years in the north). The same permafrost conditions that shorten the useful lives of concrete roads in the north impact ice rinks. In 2020 the rink will be 25 years old and investment in a new rink system (including refrigeration systems) will protect this significant source of annual revenue.

5. Key Munters components replaced out of emergency fund in 2015. Estimated useful life extended by four years.

6. Outside play area for Pre-school and a statutory requirement to be all day care certified. Grants may be available.

7. Routine process to extend useful life by 5 years. Moved from 2016-17 to 17-18 to better spread spending.

8. Building wide telephone/intercom scheduled to be completed with major building expansion.

9. Cardio equipment has a useful life of 3 years with the heavy usage. While quality maintenance can extend life, it is prudent to maintain a budgeted contingency based on industry replacement standards.

10. With growth in Kidsplex programs we expect more equipment needs and wear to high usage.

11. Filter/pump replacement due to shell corrosion. Structural integrity fail is imminent. To be done as soon as possible.

12. Contingency for HVAC equipment, many units are over 20 year old. Average useful life is 15 years.

13. Contingency to replace and/or upgrade servers, point of sale register, entry security systems.

14. Inflatables are a low cost way to generate revenue. Can be used for Kidsplex; Parties and for fee admission. Payback is less than one year. To be positioned in space created with the Field House expansion.

15. Boilers and Pumps have the least useful life if any class of commercial/industrial equipment. Contingency for replacement.

16. Replaster required every 8 years. This is in year 10 also.

Orange County Sportsplex Major Capital Investment

2016-17 Update & Executive Summary

- Sportsplex continues strong growth. Revenue for this fiscal year is expected to grow 10% to \$3.5 million. Bottom line financial results for Fiscal 15-16 expected to be at least \$550,000.

Fitness Expansion:

- Fitness memberships are at 5,700 which continue to support the growth assumptions to validate the plans to add a Fitness mezzanine formerly planned in the pool area. Due to construction logistics and efficiencies it now makes more sense to make that part of the Field House addition.

Lobby Expansion:

- The first phase of the overall Sportsplex major expansion Project is complete. Large and small fitness studios. New Lobby floor. Separate Girls/Women's hockey locker room. Upgraded member and customer service area. New UNC Physio Therapy and Therapeutic Massage space.
- Men's and Women's bathrooms recently renovated with new sinks, ceiling, faucets, paint.

FY 16-17 Fitness, Turf and Court Addition (Now referred to as The Field House)

- During last year's CIP approval process the BOCC agreed that to minimize member and customer disruption and to achieve maximum project construction efficiencies, the Fitness/Turf/Court projects would be phased into one continuous project. A further revision was made once it became apparent that a fitness mezzanine in the pool area would be impossible to engineer and still keep critical bleacher seating for swim meets.
- A design/build approach has been approved to consolidate the fitness space with the most efficient site placement/design for the Field House. Ground breaking late Spring 2016.
- When completed the Field House will feature
 - Private member lockers with upgraded security lockers, private showers, and saunas
 - Separate workout space for aging adults
 - Studios for Yoga and Spin
 - Dedicated Strength Training area
 - Indoor regulation sized turfed field for soccer, lacrosse, training
 - Indoor walking running track
 - Two regulation sized courts for basketball, volleyball, kids programming, pickle ball, etc.
 - Children's Care center for pre-school, all day care, after school, summer camps

Impact:

- The Lobby renovation and growth assumptions are already being validated. Membership continues to grow.
- The Internal Rate of Return on the Field House investment is 11.55%; NPV of Cash Flows is \$1,500,000 at 3%; \$860,000 at 6%; and breakeven at 11.5%. Straight Cash Payback on the investment assuming utilization of Sportsplex Fund Balance is in five years. We believe that the combination of positive financial returns combined with the enhanced amenity and wellness contributions to the citizens of Orange County make this a strong overall return on the County's investment dollars.

Logistics:

- The land acquisition was finalized in Fiscal 2014 and all parking and traffic flow will be readily accommodated by the ability to design the proposed new building addition on the expanded property site with maximum efficiencies. The Design/Bid RFP has been issued and submittals for final review and selection will be completed by mid-April 2016.

Economic Impact:

- An independent study of Orange County entertainment and recreation facilities as published in the Daily Tar Heel and Chapel Hill News ranked the Orange County Sportsplex as the number one recreation/entertainment destination facility in the County right up there with the Dean E. Smith Center.
- The current pace is over 700,000 annual visitors. Since this exceptional facility resides within the County, it 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 planned expansion would add another 20,000 visitors per month.
- Major events at the Sportsplex such as swim meets, skating competitions, hockey tournaments, and triathlons average 750 participants and twice that number of spectators for each event. These events attract regional and state wide visitors. The Visitor Bureau has estimated the annual impact on the local economy to be at least \$2.5mil. Not contemplated in 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 \$9mil annually.
- The addition of indoor turf and courts to the Sportsplex will double the number of events for a further \$10mil annual injection/retention.

Conclusion

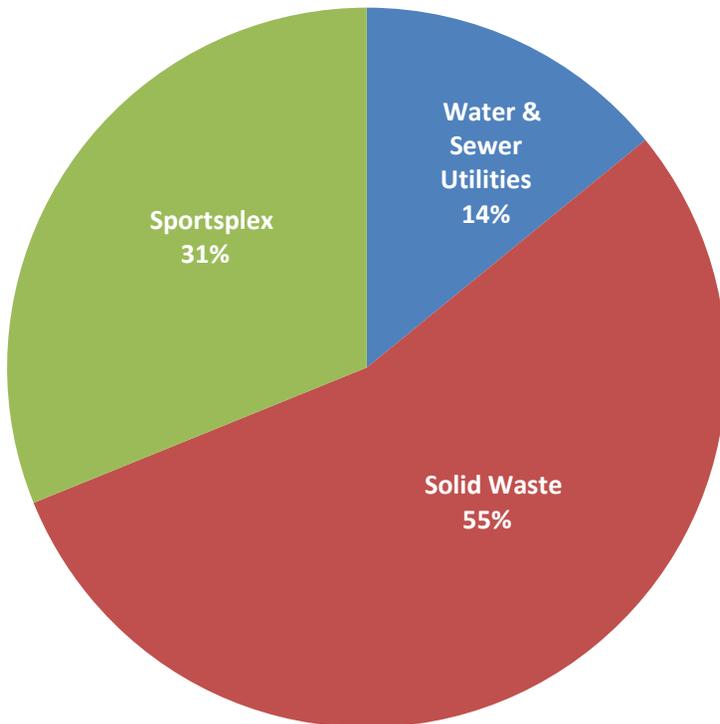
- The land acquisition next to the Sportsplex created the opportunity to evaluate alternate construction design utilization of the expanded land footprint. The separate Field House concept provides the most efficient and cost effective option without disrupting day to day Sportsplex operations and programming.
- All continuing Sportsplex performance and financial milestones validate the financial and return rationale for the project. There are strong logistical and financial advantages to the revised project plan. There is a highly positive economic, recreation and wellness impact on Orange County and its citizens from the Sportsplex expansion plan.

**Orange County Sportsplex
Fitness Mezzanine, Turf Court
Five Year Business Case Pro Forma**

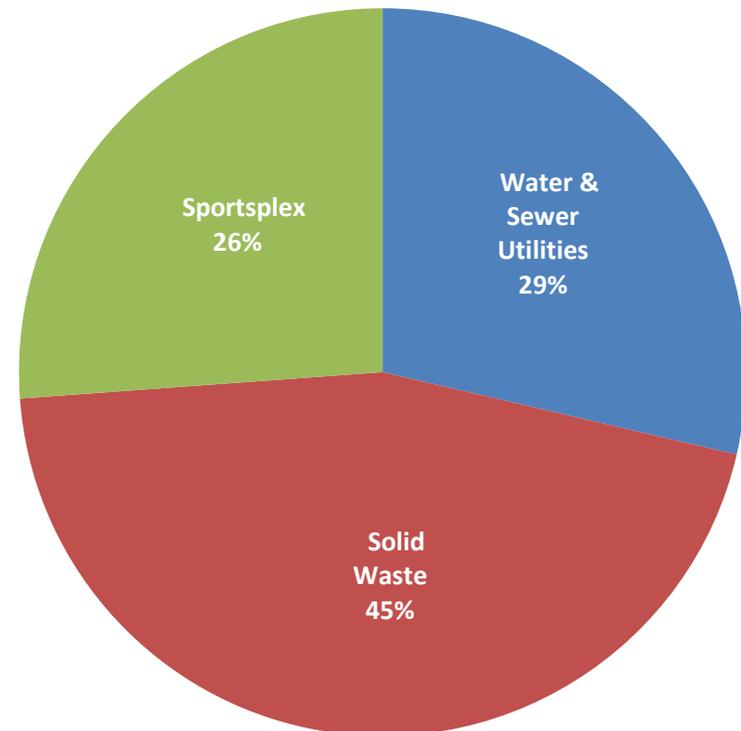
	<u>FY2017-18</u>	<u>FY2018-19</u>	<u>FY2019-20</u>	<u>FY2020-21</u>	<u>FY2021-22</u>	<u>Five Years</u>
Revenue						
Fitness Mezzanine						
Incremental Memberships	220,000	280,000	340,000	400,000	400,000	
Indoor Turf Field						
Incremental Memberships	100,000	184,250	239,500	294,750	350,000	
Sport Specific Camps	45,000	50,000	55,000	60,000	65,000	
Tournaments	25,000	30,000	32,000	34,000	36,000	
Open Soccer	24,000	28,000	28,000	28,000	28,000	
Soccer Leagues	200,000	210,000	220,000	230,000	240,000	
Soccer Academy	45,000	55,000	70,000	80,000	90,000	
Lil' Kickers/Sluggers,etc.	125,000	150,000	165,000	180,000	195,000	
Rentals: Soccer/Lacr/Other	70,000	70,000	72,000	74,000	74,000	
Court						
Incremental Memberships	100,000	184,250	239,500	294,750	350,000	
Basketball Leagues	84,000	88,000	92,000	96,000	100,000	
Lil Court Programs	50,000	60,000	70,000	80,000	90,000	
Other Court Programs	40,000	42,000	44,000	46,000	48,000	
Total Revenue	<u>1,128,000</u>	<u>1,431,500</u>	<u>1,667,000</u>	<u>1,897,500</u>	<u>2,066,000</u>	8,190,000
Direct Program Costs						
Leagues	40,000	41,500	43,000	45,000	47,500	
Lil' Programs	85,000	87,550	90,000	92,700	96,000	
Total	<u>125,000</u>	<u>129,050</u>	<u>133,000</u>	<u>137,700</u>	<u>143,500</u>	
Gross Profit	<u>1,003,000</u>	<u>1,302,450</u>	<u>1,534,000</u>	<u>1,759,800</u>	<u>1,922,500</u>	
Expense						
Camps	17,000	17,510	18,000	18,560	18,560	
Bank and CC Charges	15,000	15,450	16,000	16,480	17,000	
Incremental Insurance	12,500	12,875	13,000	13,410	13,800	
Lic/Training/ Permits	22,000	22,660	23,000	23,500	23,500	
Repair and Maintenance	47,500	48,925	50,000	51,500	51,500	
Marketing	15,000	12,500	12,500	12,500	12,500	
Misc./Contingency	20,000	20,000	20,000	20,000	20,000	
Payroll Expenses	275,000	283,250	300,000	315,000	330,000	
Operating Supplies	68,000	70,040	72,000	75,000	78,000	
IT/Telephone	25,000	25,000	27,500	30,000	30,000	
Utilities	150,000	170,000	185,000	200,000	215,000	
Total Expense	<u>667,000</u>	<u>698,210</u>	<u>737,000</u>	<u>775,950</u>	<u>809,860</u>	
Net Contribution to Fund Bal.	<u>336,000</u>	<u>604,240</u>	<u>797,000</u>	<u>983,850</u>	<u>1,112,640</u>	3,833,730

**FY 2016-21 Orange County Capital Investment Plan Projects
Proprietary Summary - Appropriations**

**Year 1: FY 2016-17
\$1,027,717**



**Years 1-5: FY 2016-2021
\$12,519,430**



Schools Capital Projects Summary - RECOMMENDED
Fiscal Years 2016-21

Projects by School System	Current Fiscal Year 2015-16	Year 1 Fiscal Year 2016-17	Year 2 Fiscal Year 2017-18	Year 3 Fiscal Year 2018-19	Year 4 Fiscal Year 2019-20	Year 5 Fiscal Year 2020-21	Five Year Total	Year 6 to Year 10
Chapel Hill Carrboro City Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	2,275,138	2,320,260	2,355,064	2,390,390	2,426,246	2,462,639	11,954,600	12,878,498
Lottery Proceeds ⁽²⁾	835,626	828,330	828,330	828,330	828,330	828,330	4,141,650	4,141,650
Article 46 Sales Tax Proceeds	865,482	876,620	889,769	903,116	916,663	930,413	4,516,581	4,865,644
Facility Improvements to Older Schools		610,700	610,700	610,700	610,700	610,700	3,053,500	
Bond Referendum Projects ⁽³⁾		24,428,000		24,428,000		24,428,000	73,284,000	
Preliminary Planning Funds ⁽⁴⁾	750,000						-	
Total	4,726,246	29,063,910	4,683,863	29,160,536	4,781,939	29,260,082	96,950,331	21,885,792
Orange County Schools								
<i>Long Range Capital</i>								
Pay-As-You-Go Funds ⁽¹⁾	1,449,711	1,479,086	1,501,272	1,523,791	1,546,648	1,569,848	7,620,646	8,209,600
Lottery Proceeds ⁽²⁾	520,736	528,032	528,032	528,032	528,032	528,032	2,640,160	2,640,160
Article 46 Sales Tax Proceeds	541,807	558,815	567,197	575,705	584,341	583,106	2,869,164	3,101,677
Facility Improvements to Older Schools		389,300	389,300	389,300	389,300	389,300	1,946,500	
Bond Referendum Projects ⁽³⁾		15,572,000		15,572,000		15,572,000	46,716,000	
Preliminary Planning Funds ⁽⁴⁾	478,000						-	
Total	2,990,254	18,527,233	2,985,801	18,588,828	3,048,321	18,642,286	61,792,470	13,951,437
Durham Tech Community College (Orange County Campus)								
<i>Long Range Capital</i>								
State Bond - County Match ⁽⁵⁾			623,879				623,879	
Construction/Expansion Project ⁽⁶⁾							-	20,000,000
Total	-	-	623,879	-	-	-	623,879	20,000,000
Total all Schools	7,716,500	47,591,143	8,293,543	47,749,364	7,830,260	47,902,368	159,366,680	55,837,229
Revenues/Funding Source								
General Fund (Pay-As-You-Go)	3,724,849	3,799,346	3,856,336	3,914,181	3,972,894	4,032,487	19,575,246	21,088,098
Lottery Proceeds	1,356,362	1,356,362	1,356,362	1,356,362	1,356,362	1,356,362	6,781,810	6,781,810
Article 46 Sales Tax Proceeds	1,407,289	1,435,435	1,456,966	1,478,821	1,501,004	1,513,519	7,385,745	7,967,321
Debt Financing - Durham Tech (Orange Co Campus)			623,879				623,879	20,000,000
Debt Financing - Bond Proceeds		40,000,000	-	40,000,000	-	40,000,000	120,000,000	-
Debt Financing - Facility Improvements	1,228,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	
Total	7,716,500	47,591,143	8,293,543	47,749,364	7,830,260	47,902,368	159,366,680	55,837,229

Note: School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need. The FY 2016-21 CIP is based on the most recent proposed SAPFO projections shared with the Board of County Commissioners in December 2015, scheduled to be certified in Spring 2016.

⁽¹⁾ Pay-As-You-Go funds reflect a 2% increase in funding in FY 2016-17 from FY 2015-16, and assumes a 1.5% annual growth throughout the remaining years of the CIP.

⁽²⁾ Lottery Proceeds are assumed at the same amount throughout the remaining CIP period, based on the most recent lottery estimates from the State. The County uses Lottery Proceeds towards school debt service and substitutes that amount of proceeds as additional PAYG funds to each school system based on the Average Daily Membership (ADM).

⁽³⁾ Assumes the Bond Referendum passes in November 2016, with first issuance in Spring 2017, based on current ADM.

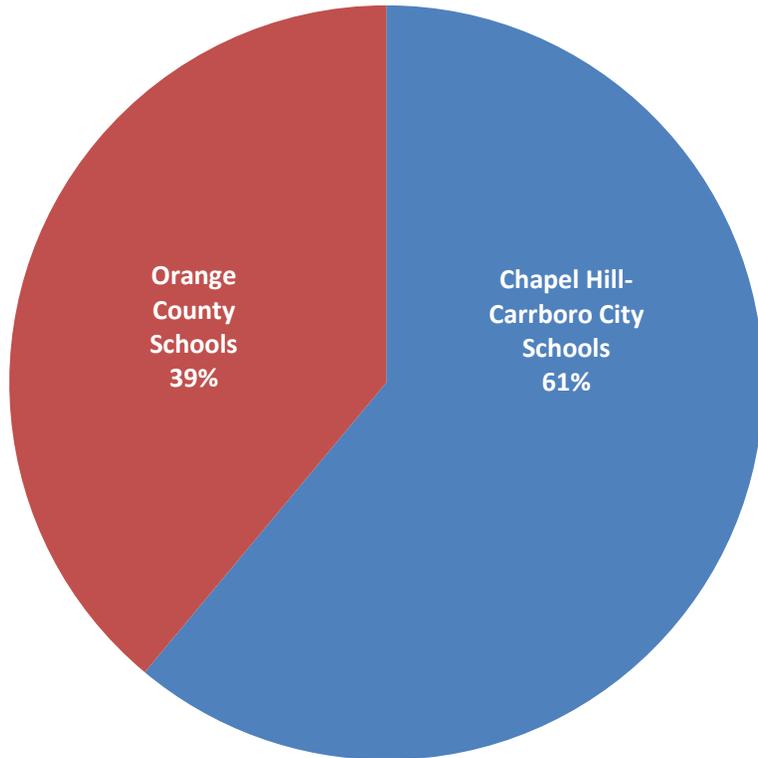
⁽⁴⁾ Preliminary Planning Funds in FY 2015-16 allow the school systems to be "shovel ready" for a project or projects after a successful Bond Referendum.

⁽⁵⁾ Includes the County match for the Durham Technical Community College - Orange County Campus, based on the voter approved March 2016 State Bond.

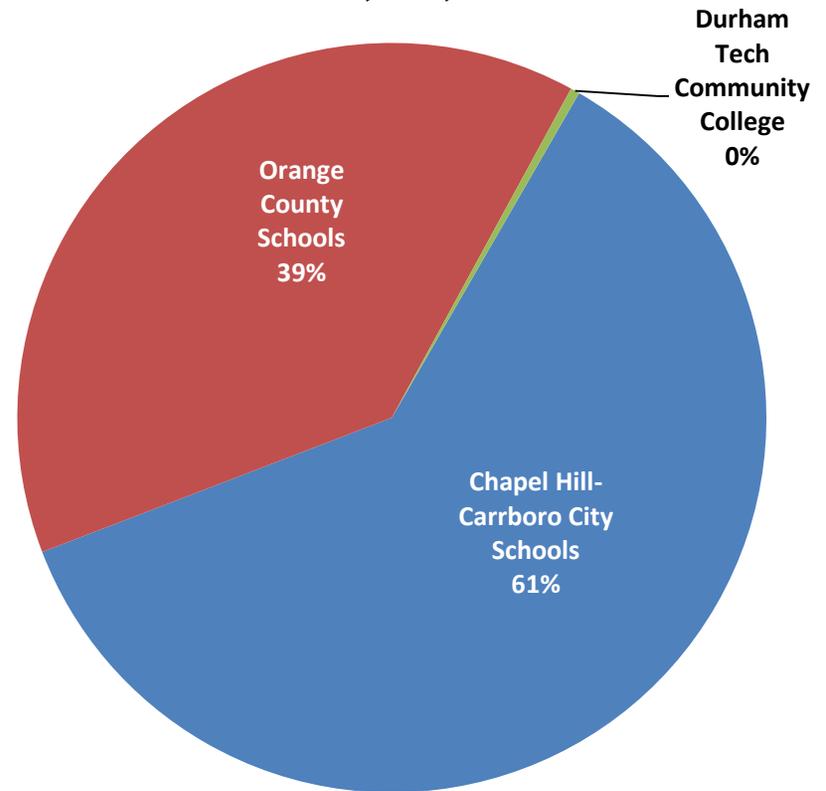
⁽⁶⁾ Includes construction of a Health Technology Building (56,000 square foot) and surface parking of 250 spaces.

FY 2016-21 Orange County Capital Investment Plan Projects School Summary - Appropriations

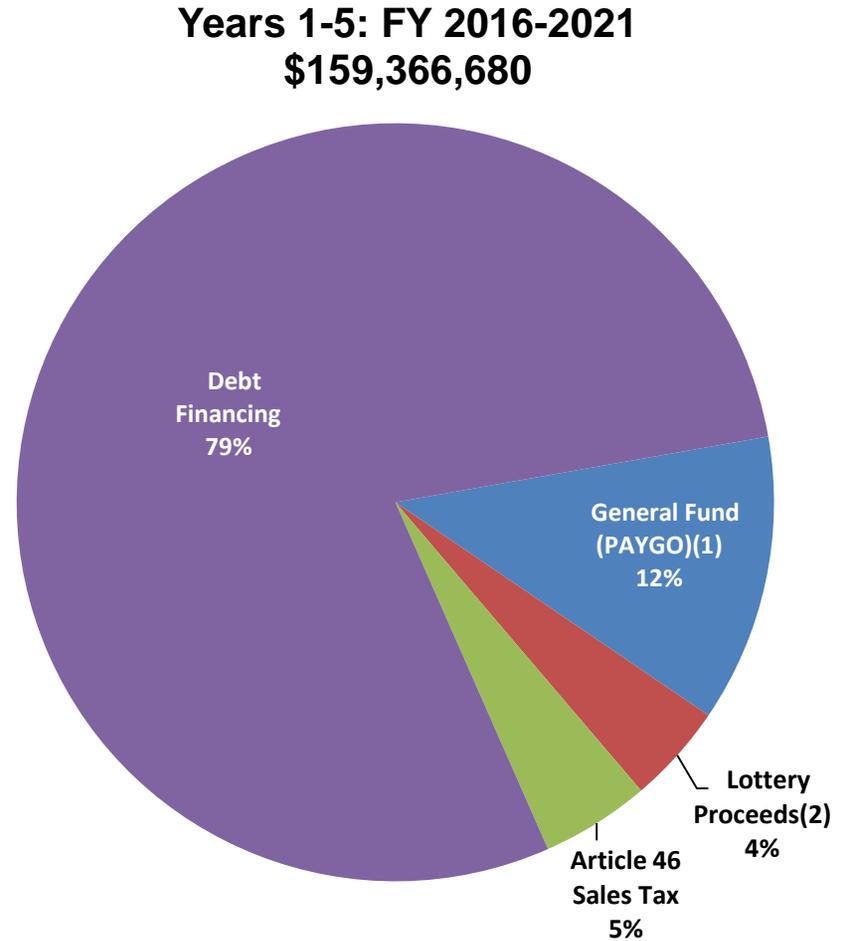
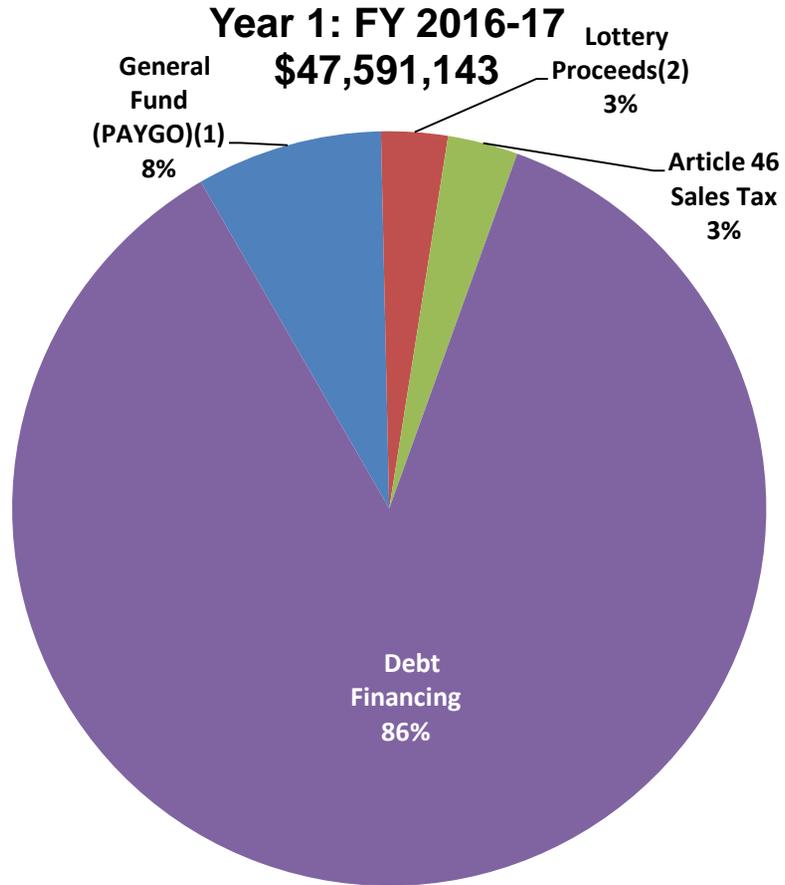
Year 1: FY 2016-17
\$47,591,143



Years 1-5: FY 2016-2021
\$159,366,680



FY 2016-21 Orange County Capital Investment Plan Projects School Summary - Revenues



Note 1: The Article 46 one quarter cent sales tax proceeds includes the schools portion of the sales tax.

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 a 2% increase in funding in FY 2016-17 over FY 2015-16, and assumes a 1.5% annual growth throughout the remaining years of the
(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).



Board of Education

Agenda Abstract

Meeting Date: 1/21/16
Agenda Type: Discussion & Action
Agenda Item #: 6c

Subject: 2016-26 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):

Recommended 2016-26 CIP

- 1) Funded Projects Plan
 - 2) Unfunded New Schools/Expansions/Needed Improvements
 - 3) Unfunded Major Projects
-

PURPOSE: To review the recommended 2016-26 Capital Investment Plan and approve a plan to be forwarded to Orange County.

BACKGROUND:

Orange County has requested the district submit its 2016-26 Capital Investment Plan (CIP) in early February. As in past years, the format for the CIP remains the same and includes (1) a Funded plan providing project details for the first 5 years using cash flow projections provided by the County, (2) Unfunded New Schools/Expansions/Needed Improvements, and (3) Unfunded Major Projects.

Last year's CIP included the recommendations from the 2014 Facilities Assessment of the District Ten Oldest Schools. These recommendations were prioritized and continue to be listed in the Unfunded New Schools/Expansions/Needed Improvements schedule. The recommendations address building code violations, life safety concerns, and required maintenance as well as a plan to increase capacity in the older elementary schools and Chapel Hill High School. If the recommendations were implemented and the additional

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capacity achieved, the need for Elementary School #12 and other high school additions would be deferred well beyond the next ten years.

The district's need for added student capacity is based on the County's Schools Adequate Public Facilities Ordinance (SAPFO) projections of future growth. The 2015-16 projections have not yet been issued, however, last year Elementary School #12 and Middle School #5 were projected to be needed in 2023 and high school additions just beyond the ten year window. As mentioned above, elementary and high school growth needs can be met by implementing the recommendation of the Facilities Assessment of Older Schools and increasing capacity in the district's older schools. A new Middle School will be needed within the next 10 years.

In this year's Funded Plan, projects scheduled for CHHS and Lincoln Center have been highlighted. This shows CIP funds that can be re-directed if the 2016 Bond Referendum is successful and the bond funds are used to renovate the CHHS and Lincoln Center campuses. Over the next 5 years, approximately \$3.5 million can be reassigned. Using these potential funds, specific projects at McDougle Campus and ECHHS are identified in FY 2016-17 while future years potential CIP funds are listed in a To Be Determined line.

Additionally, the Funded Plan includes the Commissioner's approved 5 year, \$1 million per year for the County's two school systems. Based on ADM allocation, our district will receive \$610,700 per year. In FY 2016-17, these funds are directed to CHHS so that planning can proceed for the major work that would be funded by the 2016 Bond. Future years' funds are tentatively assigned to a joint transportation facility pending the 2016 Bond determination.

Also included in the Funded Plan is the \$904,000 approved by the School Board in November 2015 for improvements at Glenwood Elementary School. Planning is underway for this project and work will be scheduled for summer 2016.

FINANCIAL IMPACT: As outlined in the attached schedules.

PERSONNEL IMPACT: None

RECOMMENDATION: Approve the recommended 2016-26 CIP

RESOLUTION: Be it, therefore, resolved that the Board of Education approves the 2016-26 Capital Investment Plan.

EXPENDITURES PROJECT TITLE	PENDING	Year 1	Year 2	Year 3	Year 4	Year 5	Five Year	Years 6 to 10
	2015-16 Budgeted Lottery Funded Projects	2016-17	2017-18	2018-19	2019-20	2020-21	Total	2021-26
ADA Requirements	45,000	35,000	35,000	35,000	35,000	50,000	190,000	335,000
Abatement Projects							-	
District Abatement Projects	35,000	35,000	50,000	50,000	50,000		185,000	337,500
Phillips: Remove Asbestos Floor Tile		125,000					125,000	
CHHS: Remove Asbestos Floor Tile		175,000					175,000	
Athletic Facilities							-	550,000
CHHS: Athletic Track and Field Improvements	185,000						-	
Carrboro HS: Athletic Track and Field Improvement	130,000						-	
ECHHS: Field Improvements					194,059		194,059	
Classroom/Building Improvements							-	450,000
Ephesus: Classroom Casework			150,000				150,000	
Scroggs: Classroom Casework			150,000				150,000	
Seawell: PODs Casework/Bathrooms				105,000			105,000	
Phillips: 4 Science Classrooms Casework			100,000				100,000	
CTE: Classroom Upgrades	50,000						-	
Doors/Hardware/Canopies	75,000						-	
District Hardware and Door Replacements							-	175,000
Seawell: Expand canopies							-	120,000
FPG: Canopy at Kiss n Go and Bus Circle			75,000				75,000	
Ephesus: Canopy at Kiss and Go				75,000			75,000	
Electrical Systems							-	
All Schools: Increase Electrical Distribution	123,244	150,000	100,000	175,000	200,000		625,000	730,000
Energy Efficiency/Lighting Improvemnets							-	
FPG: Lighting Upgrades/Efficiency							-	125,000
Ephesus: Lighting Upgrades/Efficiency							-	125,000
CHHS: Light Fixture Upgrades			121,225				121,225	
Fire/Safety/Security Systems							-	
Security Systems: Camera Upgrades/Expansions/ S	150,000	105,000	75,000		150,000		330,000	250,000
Indoor Air Quality Improvements							-	
District IAQ Projects		50,000		50,000	50,000	75,000	225,000	150,000
Rental Space		131,000	134,000	137,000	140,000	143,000	685,000	730,000
Central Office Space			200,000	200,000	200,000	200,000	800,000	
Paving: Parking Lots/Driveways/Walkways							-	
CHHS: Student Parking Lots				150,000		250,000	400,000	200,000
Estes Hills: front driveway		50,000						
McD Mdl: bus driveway and lot		75,000					75,000	
Roofing/Building Waterproofing Projects							-	
Scroggs: Flat Roof Sections Replacement		368,262					368,262	
Smith: Roof project						419,169	419,169	
ECHHS: Brick pointing/window seals/roof repairs	42,382						-	330,000
Window Replacements							-	
Ephesus: replace Windows in Original Bld							-	150,000
Seawell: Replace Classroom/Bld Windows							-	200,000
Culbreth: Replace Classroom/Bld Windows		155,033					155,033	
CHHS: Window Replacements		120,000					120,000	350,000

PROJECT TITLE	PENDING								
	2015-16 Budgeted Lottery Funded Projects	Year 1 2016-17	Year 2 2017-18	Year 3 2018-19	Year 4 2019-20	Year 5 2020-21	Five Year Total		Years 6 to 10 2021-26
Mechanical Systems							-		2,859,656
Carboro Elm: 1978 Electric Boiler/Cooling Tower			85,000				85,000		
Ephesus: 1991 Addition-HVAC Improvements			55,000				55,000		
Estes Hills: Multi Purpose 1988 Building Boiler				60,000			60,000		
Glenwood: Multi Purpose 1988 Building Boiler				60,000			60,000		
FPG: Primary Building Boiler Replacement				57,602			57,602		
McDougle Complex: Cooling Tower Replacement							-		344,608
McDougle Complex: Chillers Replaced-20 plus year				120,000	300,000		420,000		
Scroggs: Classroom Air Ventilators Humidity Ctrl				334,758			334,758		
Culbreth: Roof Top Units			261,472				261,472		75,000
CHHS: HVAC Replacements					308,229	200,000	508,229		
ECHHS: HVAC Systems						308,316	308,316		
							-		
Technology: Total of Listed Categories		1,574,295	1,591,697	1,609,360	1,627,288	1,645,484	8,048,124		8,586,764
Network Infrastructure		558,875	565,052	571,323	577,687	584,147	2,857,084		
Enterprise Software		154,281	155,986	157,717	159,474	161,257	788,716		
Instructional Computers & Technology		787,148	795,849	804,680	813,644	822,742	4,024,062		
Administrative Computers		47,229	47,751	48,281	48,819	49,365	241,444		
Network Printers		17,317	17,509	17,703	17,900	18,100	88,529		
Community Access Technology		9,443	9,547	9,654	9,761	9,852	48,259		
							-		
TOTAL EXPENDITURES - 10 YEAR CIP	835,626	3,148,590	3,183,394	3,218,720	3,254,576	3,290,969	16,096,249		17,173,528

CAPITAL FUNDING SOURCES									
	2015-16 Budget	Year 1 2016-17	Year 2 2017-18	Year 3 2018-19	Year 4 2019-20	Year 5 2020-21	Five Year Total		Years 6 to 10 2021-26
CIP FUNDING SOURCES:							-		
Long Range Pay-As-You-Go Funds - Projects	2,275,138	2,320,260	2,355,064	2,390,390	2,426,246	2,462,639	11,954,599		13,031,878
Lottery Funds - Budgeted	835,626	828,330	828,330	828,330	828,330	828,330	4,141,650		4,141,650
							-		
PRIMARY CIP FUNDING	3,110,764	3,148,590	3,183,394	3,218,720	3,254,576	3,290,969	16,096,249		17,173,528
							-		

ADDITIONAL FUNDING:									
Article 46 Sales Tax - 1/4 Cent		876,620	889,769	903,116	916,663	930,413	4,516,580		4,865,644
							-		
-Technology: Student Access Computing Devices		438,310	444,885	451,558	458,331	465,206	2,258,290		2,432,822
-Improvements at Older Schools:						465,206	465,206		2,432,822
CHHS: Haynes Theater Audio/Lighting Systems		439,232					439,232		
ECHHS: Theater Audio/Lighting Systems			444,885				444,885		
Lincoln Center: HVAC replacements				451,558	458,331		909,889		
Facility Improvements (\$1 Million for 5 Years Split Between School Systems)							3,053,500		
-CHHS		610,700							
-Joint Transportation Center			610,700	610,700	610,700	610,700			
Fund Balance-approved Nov. 19, 2015									
Renovations/Improvements		904,000							
		-	(0)	(0)	(0)	0	(0)		

Substitutions if 2016 BOND is APPROVED:		734,232	321,225	801,558	966,560	650,000	3,473,575		
Mechanical Systems									
McDougle Campus: 3 Chiller upgrades		350,000							
McDougle Elm: replace pneumatic controls		125,000							
ECHHS: VSD chilled water/chiller/cooling tower		259,232							
To Be Determined			321,225	801,558	966,560	650,000			

CHAPEL HILL - CARRBORO CITY SCHOOLS

CAPITAL INVESTMENTS PLAN 2016 - 2026

UNFUNDED - New Schools and Expansions Needed for Increased Capacity and Renovations

UNFUNDED NEW SCHOOLS and EXPANSIONS pg 1 of 1

PROJECTS:	OPENS:	10 YEAR UNFUNDED NEW SCHOOLS										TEN YEAR TOTAL
		Year 1 2016-17	Year 2 2017-18	Year 3 2018-19	Year 4 2019-20	Year 5 2020-21	Year 6 2021-22	Year 7 2022-23	Year 8 2023-24	Year 9 2024-25	Year 10 2025-26	
Lincoln Center Campus - Pre K: inc. elementary capac	Aug. 2018	4,526,610	15,680,915	2,566,900								22,774,425
Phoenix Academy/Bridge Program: increase HS capacity +/-75												
Chapel Hill HS - inc. capacity +105	Aug. 2019	2,725,500	13,627,500	31,706,000	5,451,000							53,510,000
Ephesus - inc. capacity +137 (complete Pre-K before s	Aug. 2020			777,000	3,885,000	9,324,000	1,554,000					15,540,000
Seawell - inc. capacity +119 (complete Ephesus befor	Aug. 2021				787,000	3,935,000	9,444,000	1,574,000				15,740,000
Estes Hills - inc. capacity +58 (complete Seawell befo	Aug. 2022					836,500	4,182,500	10,038,000	1,673,000			16,730,000
Phillips MS	Aug. 2020			480,500	2,402,500	6,727,000						9,610,000
Middle School #5 - inc. capacity +732	Aug. 2023						1,577,115	9,024,601	36,484,948	6,233,577		53,320,241
Carrboro Elm. - inc. capacity +52 (complete Estes bef	Aug. 2023						680,000	3,400,000	8,160,000	1,360,000		13,600,000
FP Graham	Aug. 2024							510,000	1,050,000	3,820,000	520,000	5,900,000
Culbreth MS	Aug. 2025								357,500	1,287,500	4,505,000	6,150,000
TOTAL UNFUNDED PROJECTS		7,252,110	29,308,415	35,530,400	12,525,500	20,822,500	17,437,615	24,546,601	47,725,448	12,701,077	5,025,000	212,874,666

Notes:

- 1) Middle School #5 opening date is **based on Nov. 15, 2014 enrollment SAPFO projections.**
- 2) Nov. 15, 2014 SAPFO projections indicate the need for Elementary School #12 in 2023-24. Instead of building a new school, capacity would be increased in existing elementary schools.
- 3) Based on current data, if elementary school capacities are increased by 555 as indicated above, the need for Elementary School #12 is estimated to be deferred until 2032-33

CAPITAL INVESTMENTS PLAN 2016 - 2026

UNFUNDED - Major Projects

PROJECTS:	10 YEAR UNFUNDED CAPITAL PROJECTS										TEN YEAR TOTAL
	Year 1 2016-17	Year 2 2017-18	Year 3 2018-19	Year 4 2019-20	Year 5 2020-21	Year 6 2021-22	Year 7 2022-23	Year 8 2023-24	Year 9 2024-25	Year 10 2025-26	
ADA Requirements											
Carboro Elm: Assessment Findings	437,320										437,320
Ephesus: Assessment Findings	146,000										146,000
Estes Hills: Assessment Findings	990,015										990,015
FPG: Assessment Findings	741,585										741,585
Glenwood: Assessment Findings	554,815										554,815
Seawell: Assessment Findings	594,880										594,880
Culbreth: Assessment Findings	971,100										971,100
Phillips: Assessment Findings	521,170										521,170
CHHS: Assessment Findings	1,253,460										1,253,460
Lincoln Center: Assessment Findings	170,000										170,000
Abatement Projects: Flooring replacements											
Carboro Elm: Assessment Findings	33,150										33,150
Ephesus: Assessment Findings	50,685										50,685
Estes Hills: Assessment Findings	400,196										400,196
FPG: Assessment Findings	3,000										3,000
Glenwood: Assessment Findings	348,219										348,219
Seawell: Assessment Findings	33,790										33,790
Culbreth: Assessment Findings	220,891										220,891
Phillips: Assessment Findings	793,050										793,050
CHHS: Assessment Findings	458,520										458,520
Lincoln Center: Assessment Findings	184,820										184,820
Athletic Facilities:											
CarboroHS: Stadium Visitor Bleachers					450,000						450,000
CarboroHS: Stadium Synthetic Field							1,250,000				1,250,000
CHHS: Stadium Visitor Bleachers					250,000						250,000
CHHS: Stadium Synthetic Field							1,250,000				1,250,000
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							1,250,000				1,250,000
CHHS/ECHHS: Major Athletic Field Repairs				250,000							250,000
ECHHS: Stadium Visitor Bleachers					250,000						250,000
Carboro Elementary: Multi purpose field			125,000								125,000
Scroggs: Athletic Field				150,000							150,000
McDougle Mdl: Tennis Courts			500,000								500,000
Playfields(10): Provide Potable Water		150,000									150,000
Classroom/Interior Improvements:											
Carboro Elm: Assessment Findings	695,825										695,825
Ephesus: Assessment Findings	533,533										533,533
Estes Hills: Assessment Findings	761,535										761,535
FPG: Assessment Findings	524,810										524,810
Glenwood: Assessment Findings	828,099										828,099
Seawell: Assessment Findings	237,348										237,348
Culbreth: Assessment Findings	1,169,143										1,169,143
Phillips: Assessment Findings	2,038,725										2,038,725
CHHS: Assessment Findings	2,722,018										2,722,018
Lincoln Center: Assessment Findings	895,427										895,427
McDougle: Gymnasium Audio System				50,000							50,000
McDougle: Library carpet		45,000									45,000
McDougleMS: Casework								400,000			400,000
Smith: Cafeteria Sound Panels	50,000										50,000
ECHHS: Theater Lighting and Sound upgrade				375,000							375,000

UNFUNDED MAJOR PROJECTS pg 2 of 3

PROJECTS:	10 YEAR UNFUNDED CAPITAL PROJECTS										TEN YEAR TOTAL
	Year 1 2016-17	Year 2 2017-18	Year 3 2018-19	Year 4 2019-20	Year 5 2020-21	Year 6 2021-22	Year 7 2022-23	Year 8 2023-24	Year 9 2024-25	Year 10 2025-26	
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
FPG: Canopy at Bus Drop Off		95,000									95,000
Glenwood: Canopy at Kiss and Go				150,000							150,000
Scroggs: Canopy at Mobiles and Bus Drop Off					150,000						150,000
Exterior Improvements: Windows, Doors,											
Carboro Elm: Assessment Findings	141,102										141,102
Ephesus: Assessment Findings	104,416										104,416
Estes Hills: Assessment Findings	151,870										151,870
FPG: Assessment Findings	465,400										465,400
Glenwood: Assessment Findings	422,630										422,630
Seawell: Assessment Findings	366,470										366,470
Culbreth: Assessment Findings	45,367										45,367
Phillips: Assessment Findings	57,250										57,250
CHHS: Assessment Findings	380,610										380,610
Lincoln Center: Assessment Findings	65,845										65,845
Fire and Safety Systems											
System Upgrades for McDs, ECHHS, Scroggs, Smith, Rashkis			150,000			125,000		100,000		125,000	500,000
Mechanical Systems:											
Carboro Elm: Assessment Findings	1,401,650										1,401,650
Ephesus: Assessment Findings	2,172,471										2,172,471
Estes Hills: Assessment Findings	1,099,246										1,099,246
FPG: Assessment Findings	1,802,924										1,802,924
Glenwood: Assessment Findings	1,250,481										1,250,481
Seawell: Assessment Findings	1,047,771										1,047,771
Culbreth: Assessment Findings	2,789,536										2,789,536
Phillips: Assessment Findings	1,819,654										1,819,654
CHHS: Assessment Findings	6,114,507										6,114,507
Rashkis: Chillers and Cooling Towers										450,000	450,000
Scroggs: Chiller and Cooling Tower						500,000					500,000
Smith: 2 Chillers replaced								250,000			250,000
ECHHS: HVAC conversion to Digital						350,000					350,000
Site Improvements:Paving/Parking/Driveways/Stormwater Mgt.											
Carboro Elm: Assessment Findings	1,229,345										1,229,345
Ephesus: Assessment Findings	191,458										191,458
Estes Hills: Assessment Findings	825,825										825,825
FPG: Assessment Findings	648,375										648,375
Glenwood: Assessment Findings	480,025										480,025
Seawell: Assessment Findings	501,215										501,215
Culbreth: Assessment Findings	892,614										892,614
Phillips: Assessment Findings	1,434,680										1,434,680
CHHS: Assessment Findings	822,650										822,650
Lincoln Center: Assessment Findings	353,113										353,113
District: Playground Equipment Replacement		50,000		50,000		50,000		50,000			200,000

UNFUNDED MAJOR PROJECTS pg 3 of 3

PROJECTS:	10 YEAR UNFUNDED CAPITAL PROJECTS										TEN YEAR TOTAL
	Year 1 2016-17	Year 2 2017-18	Year 3 2018-19	Year 4 2019-20	Year 5 2020-21	Year 6 2021-22	Year 7 2022-23	Year 8 2023-24	Year 9 2024-25	Year 10 2025-26	
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 and Waterproofing											
Rashkis: Repairs and seals (at 20 years)								1,750,000			1,750,000
Scroggs: repairs and seals (at 25 years)										850,000	850,000
Smith: repairs and seals (at 18 years)			1,700,000								1,700,000
ECHHS: repairs and seals (at 22 years)			1,870,563								1,870,563
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
Building Additions											
McDougle Middle School: Auditorium		400,000	3,909,138	325,000							4,634,138
TOTAL UNFUNDED MAINTENANCE PROJECTS	51,070,346	3,589,529	11,152,420	3,708,087	2,638,503	3,294,377	3,458,819	8,117,239	2,263,651	2,978,359	92,271,330

NOTES:

- 1) Only Level 1 recommendations from the Facilities Assessment report have been included in the Unfunded list and approximately 7,000,000 of these findings have been deducted because they are included in the 10 year F
- 2) All Level 1 findings from the Facility Assessment are listed in Year 1 until a comprehensive financial plan is developed.

ORANGE COUNTY SCHOOLS
PAY AS YOU GO FUNDING

Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
ADA									
ADD HANDICAPPED PARKING AND FRONT ENTRANCE ACCESSIBILITY	BOE	\$27,000					\$27,000	\$0	\$27,000
ADD ACCESSIBLE RAMP AT KITCHEN	CP		\$16,000				\$16,000	\$0	\$16,000
ATHLETIC FACILITIES/PLAYZONE IMPROVEMENTS									\$0
RESURFACE BASKETBALL COURTS	CENTRAL	\$18,000					\$18,000	\$0	\$18,000
RESURFACE PLAY AREA AT REAR OF SCHOOL	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
RESURFACE BASKETBALL COURTS	CP	\$20,000					\$20,000	\$0	\$20,000
ATHLETIC FACILITIES IMPROVEMENTS/DEVELOPMENT	DISTRICT				\$200,000		\$200,000	\$0	\$200,000
PLAYGROUND/PLAYZONE IMPROVEMENTS	DISTRICT				\$100,000		\$100,000	\$49,365	\$149,365
REPLACE CONCRETE BASKETBALL COURTS	HES	\$50,000					\$50,000	\$0	\$50,000
REPAVE WALKING TRACK	HES	\$30,000					\$30,000	\$0	\$30,000
REPAVE WALKING TRACK	NH		\$12,500				\$12,500	\$0	\$12,500
CLASSROOM/BUILDING IMPROVEMENTS									\$0
PROVIDE LABORATORY GRADE DISHWASHER IN SCIENCE AREA	CRHS		\$9,500				\$9,500	\$0	\$9,500
PROVIDE SEPARATE CHEMICAL PREP AREAS	CRHS		\$20,000				\$20,000	\$0	\$20,000
UPDATE SCIENCE CLASSROOMS AND PREP ROOMS BASED ON CURRENT STANDARDS	CRHS		\$45,000				\$45,000	\$0	\$45,000
EMERGENCY GENERATORS FOR CRITICAL LIGHTING AND KITCHEN EQUIPMENT (ALL SCHOOLS)	DISTRICT			\$150,000	\$150,000	\$150,000	\$450,000	\$0	\$450,000
DRAINAGE PROJECT; FRONT OF BUILDING AND BY GYM DOOR LEADING TO PLAYGROUND	EFLAND	\$25,000					\$25,000	\$0	\$25,000
CLASSROOM CABINET REPLACEMENT	EFLAND	\$50,000					\$50,000	\$0	\$50,000
LIFT OUT GUARD RAILS AND HANDRAILS AT KITCHEN LOADING DOCK	GAB		\$4,000				\$4,000	\$0	\$4,000
IMPROVE SCIENCE CLASSROOM AND PREP ROOMS TO MEET NCBOE STANDARDS	GHMS		\$30,000				\$30,000	\$0	\$30,000
VENTING UPGRADE: SCIENCE ROOMS AND KILN HOOD SYSTEMS	OHS	\$75,000					\$75,000	\$0	\$75,000
RESTROOM UPGRADES/RENOVATION	OHS	\$200,000	\$200,000				\$400,000	\$0	\$400,000
ENGINEERING STUDY: BRICK EXTERIOR	CENTRAL		\$35,000				\$35,000	\$0	\$35,000

ORANGE COUNTY SCHOOLS
PAY AS YOU GO FUNDING

RESERVE: CENTRAL ELEMENTARY BUILDING ENVELOPE IMPROVEMENTS BASED ON ENGINEERING ANALYSIS	CENTRAL			\$250,000				\$0	\$0
FACILITIES USAGE ASSESSMENT	DISTRICT	\$50,000					\$50,000	\$0	\$50,000
RESERVE: CLASSROOM/BUILDING IMPROVEMENTS	DISTRICT			\$274,000	\$200,000	\$130,000	\$604,000	\$0	\$604,000
DOORS/HARDWARE/CANOPIES							\$0		\$0
DESIGN: CWS CANOPY REPLACEMENT	CWS		\$30,000				\$30,000	\$0	\$30,000
CWS CANOPY ENCLOSURES	CWS			\$300,000			\$300,000	\$0	\$300,000
ELECTRICAL SYSTEMS							\$0		\$0
ENERGY EFFICIENCY/LIGHTING IMPROVEMENTS									\$0
CONVERT GYMNASIUM LIGHTING TO LED--ALL SCHOOLS	DISTRICT	\$50,000	\$75,000				\$125,000	\$0	\$125,000
FIRE/SAFETY/SECURITY SYSTEMS									\$0
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CENTRAL	\$36,000					\$36,000	\$0	\$36,000
INSTALL DUCTED FUME HOODS	CRHS		\$75,000				\$75,000	\$0	\$75,000
NEW FIRE ALARM SYSTEM --25 STATION	MAINT		\$35,000				\$35,000	\$0	\$35,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM W/HOOD SUPPLY AND EXHAUST FANS	OHS	\$36,000					\$36,000	\$0	\$36,000
FOOD SERVICES									\$0
UPGRADE SERVING LINE EQUIPMENT	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
NEW DISHWASHER EXHAUST FAN AND DUCTWORK	CP	\$3,500						\$0	\$0
KITCHEN IMPROVEMENTS FOR CODE COMPLIANCE	CP	\$10,000						\$0	\$0
ADD ADDITIONAL HAND SINK	CP	\$2,500						\$0	\$0
NEW FLOOR DRAIN KITCHEN	CP	\$1,600						\$0	\$0
NEW FLOOR SINK KITCHEN	CP	\$4,500						\$0	\$0
NEW FLOOR TROUGH --KITCHEN	CP	\$10,000						\$0	\$0
NEW LAVATORY IN KITCHEN	CP	\$1,400						\$0	\$0
NEW SERVING LINE COUNTERS	CRHS					\$35,000	\$35,000	\$0	\$35,000
ADD DRYING RACKS	CWS				\$1,500		\$1,500	\$0	\$1,500
ADD HOT FOOD CABINET	CWS				\$5,000		\$5,000	\$0	\$5,000
ADD NEW 60 QT. MIXER	CWS				\$10,000		\$10,000	\$0	\$10,000
NEW EXTERIOR GREASE TRAP--KITCHEN	CWS				\$15,000		\$15,000	\$0	\$15,000
NEW FLOOR SINK -KITCHEN	CWS				\$6,750		\$6,750	\$0	\$6,750
NEW FLOOR TROUGH-KITCHEN	CWS				\$10,000		\$10,000	\$0	\$10,000

ORANGE COUNTY SCHOOLS
PAY AS YOU GO FUNDING

NEW KITCHEN HOOD EXHAUST AND SUPPLY FAN	CWS				\$20,000		\$20,000	\$0	\$20,000
NEW LAVATORY--KITCHEN	CWS				\$4,000		\$4,000	\$0	\$4,000
NEW MIXING VALVE FOR KITCHEN LAVATORY	CWS				\$1,400		\$1,400	\$0	\$1,400
PROVIDE FLOOR TROUGH NEAR BRAISING PAN	CWS				\$5,000		\$5,000	\$0	\$5,000
REPLACE 2 COMPTMT SINKS/ADD GREASE TRAP	CWS				\$12,000		\$12,000	\$0	\$12,000
REPLACE ICE MAKER	CWS				\$8,500		\$8,500	\$0	\$8,500
ADD FLOOR TROUGH NEAR BRAISING PAN	EFLAND	\$5,000					\$5,000	\$0	\$5,000
NEW TROUGH DRAIN (KITCHEN)	EFLAND	\$10,000					\$10,000	\$0	\$10,000
RESTROOM RENOVATION	EFLAND	\$50,000					\$50,000	\$0	\$50,000
ADD FLOOR TROUGH NEAR BRAISING PAN	EFLAND	\$5,000					\$5,000	\$0	\$5,000
REPLACE COLD STORAGE ASSEMBLY	EFLAND	\$70,000					\$70,000	\$0	\$70,000
NEW DISHWASHER EXHAUST SYSTEM--KITCHEN	GAB		\$6,000				\$6,000	\$0	\$6,000
NEW LAVATORY AND MIXING VALVE IN KITCHEN	GAB		\$1,950				\$1,950	\$0	\$1,950
ADD FLOOR TROUGH NEAR BRAISING PAN	GAB		\$5,000				\$5,000	\$0	\$5,000
ISOLATE DISH WASH ROOM FROM PREP AREA	GAB		\$20,000				\$20,000	\$0	\$20,000
NEW TROUGH DRAIN (KITCHEN)	GAB		\$10,000				\$10,000	\$0	\$10,000
REPLACE POT WASH SINK	GAB		\$6,000				\$6,000	\$0	\$6,000
REPLACE PREP SINKS	GAB		\$6,000				\$6,000	\$0	\$6,000
ADD AIR CURTAIN ON RECEIVING UNIT	GAB		\$2,000				\$2,000	\$0	\$2,000
REPLACE FOOD SLICER	GAB		\$4,500				\$4,500	\$0	\$4,500
ADD TWO MOBILE PAN RACKS	GAB		\$2,000				\$2,000	\$0	\$2,000
REPLACE ALL PREP TABLES	HES				\$12,000		\$12,000	\$0	\$12,000
ADD BEVERAGE COUNTER	HES				\$5,000		\$5,000	\$0	\$5,000
ADD FLOOR TROUGH AT BRAISING PAN AND STEAMER	HES				\$3,000		\$3,000	\$0	\$3,000
FLOOR TROUGH--KITCHEN	HES				\$10,000		\$10,000	\$0	\$10,000
NEW FAUCET/MIXING VALVE FOR KITCHEN HANDWASH AND LAVATORY	HES				\$1,950		\$1,950	\$0	\$1,950
NEW KITCHEN HOOD EXHAUST AND SUPPLY FANS	HES				\$20,000		\$20,000	\$0	\$20,000
REPLACE ALL PREP TABLES	HES				\$12,000		\$12,000	\$0	\$12,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	HES		\$16,000				\$16,000	\$0	\$16,000
ADD DRYING RACKS	OHS		\$2,000				\$2,000	\$0	\$2,000
ADD UTILITY CHASE BEHIND COOKING EQUIPMENT	OHS		\$9,000				\$9,000	\$0	\$9,000
ADD WORKTABLES AND PREP SINKS	OHS		\$9,000				\$9,000	\$0	\$9,000

ORANGE COUNTY SCHOOLS
PAY AS YOU GO FUNDING

FLOOR TROUGH--KITCHEN	OHS		\$10,000				\$10,000	\$0	\$10,000
REPLACE COLD WELLS IN SERVING EQUIPMENT	OHS		\$6,000				\$6,000	\$0	\$6,000
REPLACE FLOOR DRAIN AT STEAMER AND BRAISER	OHS		\$2,500				\$2,500	\$0	\$2,500
REPLACE FOOD SLICER	OHS		\$2,000				\$2,000	\$0	\$2,000
REPLACE COLD STORAGE UNIT	OHS		\$50,000				\$50,000	\$0	\$50,000
REPLACE HOT WELLS IN SERVING EQUIPMENT	OHS		\$11,000				\$11,000	\$0	\$11,000
ADD TWO HOT FOOD CABINETS	OHS		\$10,000				\$10,000	\$0	\$10,000
NEW DISHWASHER EXHAUST FAN/DUCTWORK (KITCHEN)	OHS		\$3,500				\$3,500	\$0	\$3,500
HAZARDOUS MATERIALS ABATEMENT									
HAZARDOUS MATERIALS ABATEMENT VARIOUS FACILITIES (MULTI-YEAR FUNDING)			\$50,000		\$50,000		\$100,000	\$100,000	\$200,000
MECHANICAL SYSTEMS									
RESERVE: FUTURE HVAC REPLACEMENTS							\$0		\$0
NEW BUILDING CONSTRUCTION									
ELEMENTARY #8--NON PROTOTYPICAL DESIGN	DISTRICT				\$2,500,000	\$25,500,000	\$28,000,000	\$0	\$28,000,000
PAVING/PARKING LOTS/DRIVEWAYS									
PAVING PARKING LOTS/DRIVEWAYS/WALKWAYS	DISTRICT	\$100,000	\$150,000	\$200,000	\$300,000	\$165,000	\$915,000	\$0	\$915,000
ROOFING PROJECTS									
200 WING (2nd year of MULTI YEAR FUNDING)	OHS	\$130,000					\$130,000	\$0	\$130,000
AUDITORIUM/ENTRANCE ROOF REPLACEMENT	OHS					\$395,000	\$395,000	\$0	\$395,000
GYM/OFFICE ROOF REPLACEMENT	OHS					\$395,000	\$395,000	\$0	\$395,000
RESERVE: FUTURE ROOFING PROJECTS								\$800,000	\$800,000
SCHOOL SAFETY/SECURITY									
RESERVE: DESIGN SERVICES--SAF/SECURITY IMPROVEMENTS	DISTRICT	\$50,000	\$50,000	\$50,000	\$50,000		\$200,000	\$50,000	\$250,000
RESERVE: DESIGN AND BUILDING IMPROVEMENTS ASSOCIATED WITH SCHOOL SAFETY INITIATIVES (E.G. SECURITY VESTIBULES, ENCLOSED WALKWAYS, ETC)	DISTRICT	\$3,586	\$424,822	\$299,791	\$308,548	\$299,849	\$1,336,596	\$2,436,400	\$3,772,996
IMPLEMENTATION OF SCHOOL SAFETY INITIATIVES (ITEMIZED VIA ANNUAL WORKPLAN)									
SEE BOND SCHEDULE FOR FUNDING YRS 1-5	DISTRICT						\$0	\$1,968,835	\$1,968,835
REPLACE WRESTLING MATS/SAFETY PADDING (MULTI-YEAR FUNDING)	DISTRICT				\$25,000		\$25,000	\$25,000	\$50,000
PA SYSTEM	OHS	\$170,000					\$170,000	\$0	\$170,000

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
	X				REPLACE ALL COMPROMISED INSULATED GLASS IN MAIN ENTRY STOREFRONT; INCLUDES LINTEL REPAIRS, PREPPING AND REPAINTING	ALS	\$100,000							
			X		UPGRADE SCIENCE CLASSROOMS TO MEET CURRENT STANDARDS	ALS	\$244,300					\$244,300	\$0	\$244,300
	X				ABATEMENT PROJECT: CARPET/MASTIC CAMPUS WIDE: A L STANBACK	ALS				\$225,000			\$0	\$0
	X				SERVING LINE EQUIPMENT MODIFICATIONS	ALS		\$5,600					\$0	\$0
			X		MECHANICAL SYSTEM REPLACEMENTS	ALS	\$4,108,000						\$0	\$0
			X		ROOF REPLACEMENTS	ALS	\$1,775,000						\$0	\$0
X					ADD HANDICAPPED PARKING AND FRONT ENTRANCE ACCESSIBILITY	BOE	\$27,000					\$27,000	\$0	\$27,000
X					RESURFACE BASKETBALL COURTS	CENTRAL	\$18,000					\$18,000	\$0	\$18,000
X					RESURFACE PLAY AREA AT REAR OF SCHOOL	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
X					ENGINEERING STUDY: BRICK EXTERIOR	CENTRAL		\$35,000				\$35,000	\$0	\$35,000
X					RESERVE: CENTRAL ELEMENTARY BUILDING ENVELOPE IMPROVEMENTS BASED ON ENGINEERING ANALYSIS	CENTRAL			\$200,000				\$0	\$0
X					REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CENTRAL	\$16,000					\$16,000	\$0	\$16,000
X					UPGRADE SERVING LINE EQUIPMENT	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
	X				REPLACE DISHWASHER CONDENSATE HOOD	CENTRAL	\$1,500						\$0	\$0
	X				ADD DRYING RACKS	CENTRAL	\$1,500						\$0	\$0
	X				REPLACE FLOOR DRAIN AT STEAMER AND BRAISER	CENTRAL	\$2,500						\$0	\$0
	X				REPLACE PREP SINKS TO 3-COMPARTMENT SINKS	CENTRAL	\$12,000						\$0	\$0
	X				ADD PASS-THROUGH REFRIGERATOR	CENTRAL	\$6,000						\$0	\$0
			X		REPLACE COLD STORAGE UNIT	CENTRAL	\$50,000					\$50,000	\$0	\$50,000
			X		REPLACE REACH IN REFRIGERATORS	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
			X		REPLACE COOKING EQUIPMENT	CENTRAL	\$75,000					\$75,000	\$0	\$75,000
			X		MECHANICAL SYSTEM REPLACEMENTS	CENTRAL	\$1,738,219						\$0	\$0
			X		ROOF REPLACEMENTS	CENTRAL	\$512,000						\$0	\$0
X					ADD ACCESSIBLE RAMP AT KITCHEN	CP		\$16,000				\$16,000	\$0	\$16,000
X					RESURFACE BASKETBALL COURTS	CP	\$20,000					\$20,000	\$0	\$20,000

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
	X				REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CP	\$16,000						\$0	\$0
X					NEW DISHWASHER EXHAUST FAN AND DUCTWORK	CP	\$3,500						\$0	\$0
X					KITCHEN IMPROVEMENTS FOR CODE COMPLIANCE	CP	\$10,000						\$0	\$0
X					ADD ADDITIONAL HAND SINK	CP	\$2,500						\$0	\$0
X					NEW FLOOR DRAIN KITCHEN	CP	\$1,600						\$0	\$0
X					NEW FLOOR SINK KITCHEN	CP	\$4,500						\$0	\$0
X					NEW FLOOR TROUGH --KITCHEN	CP	\$10,000						\$0	\$0
X					NEW LAVATORY IN KITCHEN	CP	\$1,400						\$0	\$0
	X				UPGRADE/ADD STEAMER & BRAISING PAN	CP	\$40,000						\$0	\$0
	X				UPGRADE DISHWASHING AREA	CP	\$1,500						\$0	\$0
	X				REPLACE COLD STORAGE UNIT	CP	\$55,000						\$0	\$0
	X				REPLACE REACH IN REFRIGERATOR	CP	\$13,000						\$0	\$0
	X				UPGRADE SERVING LINE EQUIPMENT	CP	\$5,000						\$0	\$0
	X				NEW KITCHEN HOOD EXHAUST AND SUPPLY FAN/DUCTWORK	CP	\$20,000						\$0	\$0
	X				NEW KITCHEN HOT WATER SYSTEM	CP	\$28,000						\$0	\$0
	X				REPLACE TWO COMPARTMENT SINK WITH 3 COMPARTMENT SINK	CP	\$5,000						\$0	\$0
	X				UPGRADE FLOOR DRAINS NEAR BRAISER AND STEAMER	CP	\$3,000						\$0	\$0
				X	MECHANICAL SYSTEM REPLACEMENTS	CP	\$1,365,444						\$0	\$0
				X	ROOF REPLACEMENTS	CP	\$575,000						\$0	\$0
X					PROVIDE LABORATORY GRADE DISHWASHER IN SCIENCE AREA	CRHS		\$9,500				\$9,500	\$0	\$9,500
X					PROVIDE SEPARATE CHEMICAL PREP AREAS	CRHS		\$20,000				\$20,000	\$0	\$20,000
					UPDATE SCIENCE CLASSROOMS AND PREP ROOMS BASED ON DPI STANDARDS	CRHS		\$45,000				\$45,000	\$0	\$45,000
X					INSTALL DUCTED FUME HOODS	CRHS		\$75,000				\$75,000	\$0	\$75,000
X					NEW SERVING LINE COUNTERS	CRHS					\$35,000	\$35,000	\$0	\$35,000
				X	ADD CLASSROOM WING (PRICE INCLUDES FULL PROJECT COSTS)	CRHS							\$0	\$0
X					DESIGN: CWS CANOPY REPLACEMENT	CWS		\$30,000				\$30,000	\$0	\$30,000
X					CWS CANOPY ENCLOSURES	CWS			\$300,000			\$300,000	\$0	\$300,000
			X		UPGRADE SCIENCE CLASSROOMS TO MEET CURRENT DPI STANDARDS	CWS		\$235,000				\$235,000	\$0	\$235,000

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
			X		REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CWS				\$20,000		\$20,000	\$0	\$20,000
X					ADD DRYING RACKS	CWS				\$1,500		\$1,500	\$0	\$1,500
X					ADD HOT FOOD CABINET	CWS				\$5,000		\$5,000	\$0	\$5,000
X					ADD NEW 60 QT. MIXER	CWS				\$10,000		\$10,000	\$0	\$10,000
X					NEW EXTERIOR GREASE TRAP--KITCHEN	CWS				\$15,000		\$15,000	\$0	\$15,000
X					NEW FLOOR SINK -KITCHEN	CWS				\$6,750		\$6,750	\$0	\$6,750
X					NEW FLOOR TROUGH-KITCHEN	CWS				\$10,000		\$10,000	\$0	\$10,000
X					NEW KITCHEN HOOD EXHAUST AND SUPPLY FAN	CWS				\$20,000		\$20,000	\$0	\$20,000
X					NEW LAVATORY--KITCHEN	CWS				\$4,000		\$4,000	\$0	\$4,000
X					NEW MIXING VALVE FOR KITCHEN LAVATORY	CWS				\$1,400		\$1,400	\$0	\$1,400
X					PROVIDE FLOOR TROUGH NEAR BRAISING PAN	CWS				\$5,000		\$5,000	\$0	\$5,000
X					REPLACE 2 COMPARTMENT SINKS AND ADD GREASE TRAP	CWS				\$12,000		\$12,000	\$0	\$12,000
X					REPLACE ICE MAKER	CWS				\$8,500		\$8,500	\$0	\$8,500
			X		REPLACE COLD STORAGE UNIT	CWS				\$50,000		\$50,000	\$0	\$50,000
			X		REPLACE STEAMER	CWS				\$35,000		\$35,000	\$0	\$35,000
X					ATHLETIC FACILITIES IMPROVEMENTS/DEVELOPMENT	DISTRICT				\$200,000		\$200,000	\$0	\$200,000
X					PLAYGROUND/PLAYZONE IMPROVEMENTS	DISTRICT				\$100,000		\$100,000	\$0	\$100,000
X					EMERGENCY GENERATORS FOR CRITICAL LIGHTING AND KITCHEN EQUIPMENT (ALL SCHOOLS)	DISTRICT			\$150,000	\$150,000	\$150,000	\$450,000	\$0	\$450,000
X					FACILITIES USAGE ASSESSMENT: CLASSROOM SUPPORT/ ADMINISTRATIVE SPACE/PROGRAM SPACE	DISTRICT	\$50,000					\$50,000	\$0	\$50,000
			X		RESERVE: IMPLEMENTATION-FACILITIES USAGE ASSESSMENT	DISTRICT		\$9,300	\$41,800	\$169,300	\$389,300	\$609,700	\$0	\$609,700
X					CONVERT GYMNASIUM LIGHTING TO LED--ALL SCHOOLS	DISTRICT	\$50,000	\$75,000				\$125,000	\$0	\$125,000
X					ELEMENTARY #8--NON PROTOTYPICAL DESIGN	DISTRICT				\$2,500,000	\$25,500,000	\$28,000,000	\$0	\$28,000,000
X					PAVING PARKING LOTS/DRIVEWAYS/WALKWAYS	DISTRICT	\$100,000	\$150,000	\$200,000	\$300,000	\$165,000	\$915,000	\$0	\$915,000
X					RESERVE: DESIGN SERVICES--SAF/SECURITY IMPROVEMENTS	DISTRICT	\$50,000	\$50,000	\$50,000	\$50,000		\$200,000	\$0	\$200,000
X					RESERVE: DESIGN AND BUILDING IMPROVEMENTS ASSOCIATED WITH SCHOOL SAFETY INITIATIVES (E.G. SECURITY VESTIBULES, ENCLOSED WALKWAYS, ETC)	DISTRICT	\$0	\$424,822	\$299,791	\$308,548	\$299,848	\$1,333,009	\$1,463,900	\$1,763,748
X					RESERVE: CLASSROOM/BUILDING IMPROVEMENTS	DISTRICT			\$274,000	\$200,000	\$130,000	\$604,000	\$0	\$604,000
	X				DEFERRED MAINTENANCE RESERVE	DISTRICT							\$1,890,160	\$1,890,160

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
X					REPLACE WRESTLING MATS/SAFETY PADDING (MULTI-YEAR FUNDING)	DISTRICT				\$25,000		\$25,000	\$0	\$25,000
X					IMPLEMENTATION OF SCHOOL SAFETY INITIATIVES (ITEMIZED VIA ANNUAL WORKPLAN) BOND PROJ YRS 1-5	DISTRICT						\$0	\$956,500	\$956,500
				X	IMPLEMENTATION OF SCHOOL SAFETY INITIATIVES (ITEMIZED VIA ANNUAL WORKPLAN)	DISTRICT	\$2,500,000					\$2,500,000	\$0	\$2,500,000
	X				SCHOOL SAFETY INITIATIVES	DISTRICT	\$732	\$20,932	\$153,032	\$153,032	\$378,032	\$705,760	\$0	\$705,760
X		X			TECHNOLOGY UPGRADES	DISTRICT	\$558,815	\$567,197	\$575,705	\$584,341	\$593,106	\$2,879,164	\$3,101,676	\$5,980,840
	X				TECHNOLOGY UPGRADES	DISTRICT	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$750,000	\$1,500,000
X					HAZARDOUS MATERIALS ABATEMENT VARIOUS FACILITIES (MULTI-YEAR FUNDING)	DISTRICT		\$50,000		\$50,000		\$100,000	\$0	\$100,000

X					DRAINAGE PROJECT; FRONT OF BUILDING AND BY GYM DOOR LEADING TO PLAYGROUND	EFLAND	\$25,000					\$25,000	\$0	\$25,000
X					CLASSROOM CABINET REPLACEMENT	EFLAND	\$50,000					\$50,000	\$0	\$50,000
X					ADD FLOOR TROUGH NEAR BRAISING PAN	EFLAND	\$5,000					\$5,000	\$0	\$5,000
X					NEW TROUGH DRAIN (KITCHEN)	EFLAND	\$10,000					\$10,000	\$0	\$10,000
X					RESTROOM RENOVATION	EFLAND	\$50,000					\$50,000	\$0	\$50,000
X					ADD FLOOR TROUGH NEAR BRAISING PAN	EFLAND	\$5,000					\$5,000	\$0	\$5,000
X					REPLACE COLD STORAGE ASSEMBLY	EFLAND	\$70,000					\$70,000	\$0	\$70,000
	X				REPLACE COOKING EQUIPMENT	EFLAND	\$18,000						\$0	\$0
	X				REPLACE SERVING EQUIPMENT CASTERS AND CASTER TROUGH	EFLAND	\$4,800						\$0	\$0
	X				ADD PASS THROUGH MOBILE HOT CABINET	EFLAND	\$9,500						\$0	\$0
				X	MECHANICAL SYSTEM REPLACEMENTS	EFLAND	\$2,115,352						\$0	\$0
	X				DESIGN: MAIN ENTRANCE RESTRUCTURE	EFLAND	\$35,000						\$0	\$0
	X				RESERVE: RESTRUCTURE MAIN ENTRANCE	EFLAND		\$350,000					\$0	\$0
				X	ROOF: BACK CLASSROOMS	EFLAND	\$240,000						\$0	\$0
X					LIFT OUT GUARD RAILS AND HANDRAILS AT KITCHEN LOADING DOCK	GAB		\$4,000				\$4,000	\$0	\$4,000
X					NEW DISHWASHER EXHAUST SYSTEM--KITCHEN	GAB		\$6,000				\$6,000	\$0	\$6,000

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
X					NEW LAVATORY AND MIXING VALVE IN KITCHEN	GAB		\$1,950				\$1,950	\$0	\$1,950
X					ADD FLOOR TROUGH NEAR BRAISING PAN	GAB		\$5,000				\$5,000	\$0	\$5,000
X					ISOLATE DISH WASH ROOM FROM PREP AREA	GAB		\$20,000				\$20,000	\$0	\$20,000
X					NEW TROUGH DRAIN (KITCHEN)	GAB		\$10,000				\$10,000	\$0	\$10,000
X					REPLACE POT WASH SINK	GAB		\$6,000				\$6,000	\$0	\$6,000
X					REPLACE PREP SINKS	GAB		\$6,000				\$6,000	\$0	\$6,000
X					ADD AIR CURTAIN ON RECEIVING UNIT	GAB		\$2,000				\$2,000	\$0	\$2,000
X					REPLACE FOOD SLICER	GAB		\$4,500				\$4,500	\$0	\$4,500
X					ADD TWO MOBILE PAN RACKS	GAB		\$2,000				\$2,000	\$0	\$2,000
			X		REPLACE COLD STORAGE UNIT	GAB			\$75,000			\$75,000	\$0	\$75,000
			X		ADD 1-COMPARTMENT COMBI-OVEN	GAB			\$22,500			\$22,500	\$0	\$22,500
				X	MECHANICAL SYSTEM REPLACEMENTS	GAB	\$704,000						\$0	\$0
				X	ROOF REPLACEMENTS	GAB	\$447,000						\$0	\$0
				X	REPLACE WINDOWS	GAB	\$220,000						\$0	\$0
X					IMPROVE SCIENCE CLASSROOM AND PREP ROOMS TO MEET NCBOE STANDARDS	GHMS		\$30,000				\$30,000	\$0	\$30,000
X					REPLACE CONCRETE PAVEMENT FOR BASKETBALL COURTS	HES	\$50,000					\$50,000	\$0	\$50,000
X					REPAVE WALKING TRACK	HES	\$30,000					\$30,000	\$0	\$30,000
X					REPLACE ALL PREP TABLES	HES				\$12,000		\$12,000	\$0	\$12,000
X					ADD BEVERAGE COUNTER	HES				\$5,000		\$5,000	\$0	\$5,000
X					ADD FLOOR TROUGH AT BRAISING PAN AND STEAMER	HES				\$3,000		\$3,000	\$0	\$3,000
X					FLOOR TROUGH--KITCHEN	HES				\$10,000		\$10,000	\$0	\$10,000
X					NEW FAUCET/MIXING VALVE FOR KITCHEN HANDWASH AND LAVATORY	HES				\$1,950		\$1,950	\$0	\$1,950
X					NEW KITCHEN HOOD EXHAUST AND SUPPLY FANS	HES				\$20,000		\$20,000	\$0	\$20,000
X					REPLACE ALL PREP TABLES	HES				\$12,000		\$12,000	\$0	\$12,000
X					REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	HES		\$16,000				\$16,000	\$0	\$16,000
			X		REPLACE COLD STORAGE UNIT	HES				\$55,000		\$55,000	\$0	\$55,000
			X		REPLACE COOKING EQUIPMENT	HES				\$60,000		\$60,000	\$0	\$60,000
				X	MECHANICAL SYSTEM REPLACEMENTS	HES	\$1,934,010						\$0	\$0

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
				X	BUILDING 400 ROOF REPLACEMENT	HES	\$175,000						\$0	\$0
X					NEW FIRE ALARM SYSTEM --25 STATION	MAINT		\$35,000				\$35,000	\$0	\$35,000
X					1/2 TON PICK UP	MAINT	\$30,000					\$30,000	\$0	\$30,000
X					VAN	MAINT	\$30,000					\$30,000	\$0	\$30,000
X					REPAVE WALKING TRACK	NH		\$12,500				\$12,500	\$0	\$12,500
				X	MECHANICAL SYSTEM REPLACEMENTS	NH	\$2,002,738						\$0	\$0
	X				ABATEMENT PROJECT: CARPET/MASTIC CAMPUS WIDE: NEW HOPE	NH			\$225,000				\$0	\$0
X					VENTING UPGRADE: SCIENCE ROOMS AND KILN HOOD SYSTEMS	OHS	\$75,000					\$75,000	\$0	\$75,000
X					RESTROOM UPGRADES/RENOVATION	OHS	\$200,000	\$200,000				\$400,000	\$0	\$400,000
			X		SCIENCE ROOM UPDATES TO MEET STANDARDS	OHS			\$250,000			\$250,000	\$0	\$250,000
X					REPLACE HOOD AND FIRE SUPPRESSION SYSTEM W/HOOD SUPPLY AND EXHAUST FANS	OHS	\$36,000					\$36,000	\$0	\$36,000
X					ADD DRYING RACKS	OHS		\$2,000				\$2,000	\$0	\$2,000
X					ADD UTILITY CHASE BEHIND COOKING EQUIPMENT	OHS		\$9,000				\$9,000	\$0	\$9,000
X					ADD WORKTABLES AND PREP SINKS	OHS		\$9,000				\$9,000	\$0	\$9,000
X					FLOOR TROUGH--KITCHEN	OHS		\$10,000				\$10,000	\$0	\$10,000
X					REPLACE COLD WELLS IN SERVING EQUIPMENT	OHS		\$6,000				\$6,000	\$0	\$6,000
X					REPLACE FLOOR DRAIN AT STEAMER AND BRAISER	OHS		\$2,500				\$2,500	\$0	\$2,500
X					REPLACE FOOD SLICER	OHS		\$2,000				\$2,000	\$0	\$2,000
X					REPLACE COLD STORAGE UNIT	OHS		\$50,000				\$50,000	\$0	\$50,000
X					REPLACE HOT WELLS IN SERVING EQUIPMENT	OHS		\$11,000				\$11,000	\$0	\$11,000
X					ADD TWO HOT FOOD CABINETS	OHS		\$10,000				\$10,000	\$0	\$10,000
X					NEW DISHWASHER EXHAUST FAN/DUCTWORK (KITCHEN)	OHS		\$3,500				\$3,500	\$0	\$3,500
			X		REPLACE COLD STORAGE UNIT	OHS		\$50,000				\$50,000	\$0	\$50,000
			X		REPLACE MERCHANDISING REFRIGERATOR	OHS		\$20,000				\$20,000	\$0	\$20,000
			X		REPLACE OUTDATED COOKING EQUIPMENT	OHS		\$75,000				\$75,000	\$0	\$75,000
				X	MECHANICAL SYSTEM REPLACEMENT--GEOTHERMAL	OHS	\$8,867,271							
X					200 WING (2nd year of MULTI YEAR FUNDING)	OHS	\$130,000					\$130,000	\$0	\$130,000
X					AUDITORIUM/ENTRANCE ROOF REPLACEMENT	OHS					\$395,000	\$395,000	\$0	\$395,000
X					GYM/OFFICE ROOF REPLACEMENT	OHS					\$395,000	\$395,000	\$0	\$395,000

ORANGE COUNTY SCHOOLS
FY2017 COMBINED FUNDING SOURCES PROJECT SCHEDULE

PAYGO	ADDTL PG	ART 46	OLD FAC	BOND	Scope of Work	Location	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
X					PA SYSTEM	OHS	\$170,000					\$170,000	\$0	\$170,000
X					ACTIVITY BUS REPLACEMENT	TRANSP	\$85,000					\$85,000	\$90,000	\$175,000
X					SKID STEER LOADER (USED EQUIPMENT AN OPTION)	TRANSP		\$45,000				\$45,000	\$0	\$45,000
				X	REPLACE TRANSPORTATION FACILITY (JOINT PROJECT W/ CHCCS)	TRANSP	\$8,000,000						\$0	\$0
TOTAL AVAILABLE FUNDING FROM COUNTY:							YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	5-YR TOTAL		
					PAY-AS-YOU-GO		\$1,479,086	\$1,501,272	\$1,523,791	\$1,546,648	\$1,569,848	\$7,620,645		
					LOTTERY (SEPARATE SCHEDULE OF PROJECTS ATTACHED)		\$528,032	\$528,032	\$528,032	\$528,032	\$528,032	\$2,640,160		
					ARTICLE 46 SALES TAX (SEPARATE SCHEDULE OF PROJECTS ATTACHED)		\$558,815	\$567,197	\$575,705	\$584,341	\$593,106	\$2,879,164		
					FACILITY IMPROVEMENTS TO OLDER SCHOOLS (5 YEAR ALLOCATION)		\$389,300	\$389,300	\$389,300	\$389,300	\$389,300	\$1,946,500		
					GRAND TOTAL ANNUAL ALLOCATION		\$2,955,233	\$2,985,801	\$3,016,828	\$3,048,321	\$3,080,286			

LOCATION LEGEND:	
AL STANBACK MIDDLE SCHOOL	ALS
BOARD OF EDUCATION BUILDING	BOE
CENTRAL ELEMENTARY	CENTRAL
CAMERON PARK ELEMENTARY SCHOOL	CP
CEDAR RIDGE HIGH SCHOOL	CRHS
C W STANFORD MIDDLE SCHOOL	CWS
EFLAND ELEMENTARY SCHOOL	EFLAND
GRADY A BROWN ELEMENTARY SCHOOL	GAB
GRAVELLY HILL MIDDLE SCHOOL	GHMS
HILLSBOROUGH ELEMENTARY SCHOOL	HES
MAINTENANCE OFFICES	MAINT
NEW HOPE ELEMENTARY SCHOOL	NH
ORANGE HIGH SCHOOL	OHS
PATHWAYS ELEMENTARY SCHOOL	PE
TRANSPORTATION OFFICES	TRANSP

ORANGE COUNTY SCHOOLS PAY-AS-YOU-GO FUNDING PLAN

FY 2017--FY2026

Scope of Work	LOCATION	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
ADD HANDICAPPED PARKING AND FRONT ENTRANCE ACCESSIBILITY	BOE	\$27,000					\$27,000	\$0	\$27,000
RESURFACE BASKETBALL COURTS	CENTRAL	\$18,000					\$18,000	\$0	\$18,000
RESURFACE PLAY AREA AT REAR OF SCHOOL	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM, INCLUDING NEW HOOD SUPPLY AND EXHAUST FANS	CENTRAL	\$36,000					\$36,000	\$0	\$36,000
UPGRADE SERVING LINE EQUIPMENT	CENTRAL	\$20,000					\$20,000	\$0	\$20,000
ENGINEERING STUDY: BRICK EXTERIOR	CENTRAL		\$35,000				\$35,000	\$0	\$35,000
RESERVE: CENTRAL ELEMENTARY BUILDING ENVELOPE IMPROVEMENTS BASED ON ENGINEERING ANALYSIS	CENTRAL			\$250,000				\$0	\$0
ADD ACCESSIBLE RAMP AT KITCHEN	CP		\$16,000				\$16,000	\$0	\$16,000
RESURFACE BASKETBALL COURTS	CP	\$20,000					\$20,000	\$0	\$20,000
NEW DISHWASHER EXHAUST FAN AND DUCTWORK	CP	\$3,500						\$0	\$0
KITCHEN IMPROVEMENTS FOR CODE COMPLIANCE	CP	\$10,000						\$0	\$0
ADD ADDITIONAL HAND SINK	CP	\$2,500						\$0	\$0
NEW FLOOR DRAIN KITCHEN	CP	\$1,600						\$0	\$0
NEW FLOOR SINK KITCHEN	CP	\$4,500						\$0	\$0
NEW FLOOR TROUGH --KITCHEN	CP	\$10,000						\$0	\$0
NEW LAVATORY IN KITCHEN	CP	\$1,400						\$0	\$0
NEW SERVING LINE COUNTERS	CRHS					\$35,000	\$35,000	\$0	\$35,000
INSTALL DUCTED FUME HOODS	CRHS		\$75,000				\$75,000	\$0	\$75,000
PROVIDE LABORATORY GRADE DISHWASHER IN SCIENCE AREA	CRHS		\$9,500				\$9,500	\$0	\$9,500
PROVIDE SEPARATE CHEMICAL PREP AREAS	CRHS		\$20,000				\$20,000	\$0	\$20,000
UPDATE SCIENCE CLASSROOMS AND PREP ROOMS BASED ON CURRENT STANDARDS	CRHS		\$45,000				\$45,000	\$0	\$45,000
DESIGN FEES: BACK CANOPY REPLACEMENT	CWS		\$30,000				\$30,000	\$0	\$30,000
RESERVE: CWS CANOPY REPLACEMENT/ CHILLED WATER LINES, ETC. PROTECTION	CWS			\$300,000			\$300,000	\$0	\$300,000
DRYING RACKS	CWS				\$1,500		\$1,500	\$0	\$1,500
ADD HOT FOOD CABINET	CWS				\$5,000		\$5,000	\$0	\$5,000
ADD 60 QT. MIXER	CWS				\$10,000		\$10,000	\$0	\$10,000
NEW EXTERIOR GREASE TRAP--KITCHEN	CWS				\$15,000		\$15,000	\$0	\$15,000

ORANGE COUNTY SCHOOLS PAY-AS-YOU-GO FUNDING PLAN

FY 2017--FY2026

Scope of Work	LOCATION	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
NEW FLOOR SINK -KITCHEN	CWS				\$6,750		\$6,750	\$0	\$6,750
NEW FLOOR TROUGH-KITCHEN	CWS				\$10,000		\$10,000	\$0	\$10,000
NEW KITCHEN HOOD EXHAUST AND SUPPLY FAN	CWS				\$20,000		\$20,000	\$0	\$20,000
NEW LAVATORY--KITCHEN	CWS				\$4,000		\$4,000	\$0	\$4,000
NEW MIXING VALVE FOR KITCHEN LAVATORY	CWS				\$1,400		\$1,400	\$0	\$1,400
PROVIDE FLOOR TROUGH NEAR BRAISING PAN	CWS				\$5,000		\$5,000	\$0	\$5,000
REPLACE 2 COMPARTMENT SINKS AND ADD GREASE TRAP	CWS				\$12,000		\$12,000	\$0	\$12,000
REPLACE ICE MAKER	CWS				\$8,500		\$8,500	\$0	\$8,500
REPLACE WRESTLING MATS/SAFETY PADDING (MULTI-YEAR FUNDING)	DISTRICT				\$25,000		\$25,000	\$0	\$25,000
ADD FLOOR TROUGH NEAR BRAISING PAN	EFLAND	\$5,000					\$5,000	\$0	\$5,000
NEW TROUGH DRAIN (KITCHEN)	EFLAND	\$10,000					\$10,000	\$0	\$10,000
RESTROOM RENOVATION	EFLAND	\$50,000					\$50,000	\$0	\$50,000
DRAINAGE PROJECT; IN-GROUND PIPING AT FRONT OF BUILDING AND BY GYM DOOR LEADING TO PLAYGROUND	EFLAND	\$25,000					\$25,000	\$0	\$25,000
REPLACE IN-ROOM CABINETS/COUNTERS	EFLAND	\$50,000					\$50,000	\$0	\$50,000
ADD FLOOR TROUGH NEAR BRAISING PAN	EFLAND	\$5,000					\$5,000	\$0	\$5,000
REPLACE COLD STORAGE ASSEMBLY	EFLAND	\$70,000					\$70,000	\$0	\$70,000
NEW DISHWASHER EXHAUST SYSTEM--KITCHEN	GAB		\$6,000				\$6,000	\$0	\$6,000
NEW LAVATORY AND MIXING VALVE IN KITCHEN	GAB		\$1,950				\$1,950	\$0	\$1,950
ADD FLOOR TROUGH NEAR BRAISING PAN	GAB		\$5,000				\$5,000	\$0	\$5,000
ADD LIFT OUT GUARD RAILS AND HANDRAILS MAIN KITCHEN LOADING DOCK	GAB		\$4,000				\$4,000	\$0	\$4,000
ISOLATE DISH WASH ROOM FROM PREP AREA	GAB		\$20,000				\$20,000	\$0	\$20,000
NEW TROUGH DRAIN (KITCHEN)	GAB		\$10,000				\$10,000	\$0	\$10,000
REPLACE POT WASH SINK	GAB		\$6,000				\$6,000	\$0	\$6,000
REPLACE PREP SINKS	GAB		\$6,000				\$6,000	\$0	\$6,000
ADD AIR CURTAIN ON RECEIVING UNIT	GAB		\$2,000				\$2,000	\$0	\$2,000
REPLACE FOOD SLICER	GAB		\$4,500				\$4,500	\$0	\$4,500
ADD TWO MOBILE PAN RACKS	GAB		\$2,000				\$2,000	\$0	\$2,000
EMERGENCY GENERATORS FOR CRITICAL LIGHTING AND KITCHEN EQUIPMENT	DISTRICT			\$150,000	\$150,000	\$150,000	\$450,000	\$0	\$450,000

ORANGE COUNTY SCHOOLS PAY-AS-YOU-GO FUNDING PLAN

FY 2017--FY2026

Scope of Work	LOCATION	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
IMPROVE SCIENCE CLASSROOM AND PREP ROOMS TO MEET CURRENT STANDARDS	GHMS		\$30,000				\$30,000	\$0	\$30,000
REPLACE CONCRETE PAVEMENT FOR BASKETBALL COURTS	HES	\$50,000					\$50,000	\$0	\$50,000
REPAVE WALKING TRACK	HES	\$30,000					\$30,000	\$0	\$30,000
REPLACE ALL PREP TABLES	HES				\$12,000		\$12,000	\$0	\$12,000
ADD BEVERAGE COUNTER	HES				\$5,000		\$5,000	\$0	\$5,000
ADD FLOOR TROUGH AT BRAISING PAN AND STEAMER	HES				\$3,000		\$3,000	\$0	\$3,000
FLOOR TROUGH--KITCHEN	HES				\$10,000		\$10,000	\$0	\$10,000
NEW FAUCET/MIXING VALVE FOR KITCHEN HANDWASH AND LAVATORY	HES				\$1,950		\$1,950	\$0	\$1,950
NEW KITCHEN HOOD EXHAUST AND SUPPLY FANS	HES				\$20,000		\$20,000	\$0	\$20,000
REPLACE ALL PREP TABLES	HES				\$12,000		\$12,000	\$0	\$12,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	HES		\$16,000				\$16,000	\$0	\$16,000
NEW FIRE ALARM SYSTEM --25 STATION	MAINT		\$35,000				\$35,000	\$0	\$35,000
REPAVE WALKING TRACK	NH		\$12,500				\$12,500	\$0	\$12,500
200 WING (2nd year of MULTI YEAR FUNDING)	OHS	\$130,000					\$130,000	\$0	\$130,000
VENTING UPGRADE: SCIENCE ROOMS AND KILN HOOD SYSTEMS	OHS	\$75,000					\$75,000	\$0	\$75,000
PA SYSTEM	OHS	\$170,000					\$170,000	\$0	\$170,000
ADD DRYING RACKS	OHS		\$2,000				\$2,000	\$0	\$2,000
ADD UTILITY CHASE BEHIND COOKING EQUIPMENT	OHS		\$9,000				\$9,000	\$0	\$9,000
ADD WORKTABLES AND PREP SINKS	OHS		\$9,000				\$9,000	\$0	\$9,000
FLOOR TROUGH--KITCHEN	OHS		\$10,000				\$10,000	\$0	\$10,000
REPLACE COLD WELLS IN SERVING EQUIPMENT	OHS		\$6,000				\$6,000	\$0	\$6,000
REPLACE FLOOR DRAIN AT STEAMER AND BRAISER	OHS		\$2,500				\$2,500	\$0	\$2,500
REPLACE FOOD SLICER	OHS		\$2,000				\$2,000	\$0	\$2,000
REPLACE COLD STORAGE UNIT	OHS		\$50,000				\$50,000	\$0	\$50,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM W/HOOD SUPPLY AND EXHAUST FANS	OHS	\$36,000					\$36,000	\$0	\$36,000
REPLACE HOT WELLS IN SERVING EQUIPMENT	OHS		\$11,000				\$11,000	\$0	\$11,000
ADD TWO HOT FOOD CABINETS	OHS		\$10,000				\$10,000	\$0	\$10,000
NEW DISHWASHER EXHAUST FAN/DUCTWORK (KITCHEN)	OHS		\$3,500				\$3,500	\$0	\$3,500

ORANGE COUNTY SCHOOLS PAY-AS-YOU-GO FUNDING PLAN
FY 2017--FY2026

Scope of Work	LOCATION	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
AUDITORIUM/ENTRANCE ROOF REPLACEMENT	OHS					\$395,000	\$395,000	\$0	\$395,000
GYM/OFFICE ROOF REPLACEMENT	OHS					\$395,000	\$395,000	\$0	\$395,000
RESTROOM UPGRADES/RENOVATION	OHS	\$200,000	\$200,000				\$400,000	\$0	\$400,000
PAVING PARKING LOTS/DRIVEWAYS/WALKWAYS	DISTRICT	\$100,000	\$150,000	\$200,000	\$300,000	\$165,000	\$915,000	\$0	\$915,000
FACILITIES USAGE ASSESSMENT: CLASSROOM SUPPORT/ ADMINISTRATIVE SPACE/PROGRAM SPACE	DISTRICT	\$50,000					\$50,000	\$0	\$50,000
ELEMENTARY #8--NON PROTOTYPICAL DESIGN	DISTRICT				\$2,500,000	\$25,500,000	\$28,000,000	\$0	\$28,000,000
ATHLETIC FACILITIES RESERVE	DISTRICT				\$200,000		\$200,000	\$0	\$200,000
PLAYGROUND/PLAYZONE IMPROVEMENTS	DISTRICT				\$100,000		\$100,000	\$0	\$100,000
HAZARDOUS MATERIALS ABATEMENT VARIOUS FACILITIES (MULTI- YEAR FUNDING)	DISTRICT		\$50,000		\$50,000		\$100,000	\$0	\$100,000
CONVERT GYMNASIUM LIGHTING TO LED--ALL SCHOOLS	DISTRICT	\$50,000	\$75,000				\$125,000	\$0	\$125,000
IMPLEMENTATION OF SCHOOL SAFETY INITIATIVES (PRIORITY WORK SHIFTED TO BOND)	DISTRICT						\$0	\$956,500	\$956,500
RESERVE: DESIGN SERVICES--SAF/SECURITY IMPROVEMENTS	DISTRICT	\$50,000	\$50,000	\$50,000	\$50,000		\$200,000	\$0	\$200,000
RESERVE: BUILDING IMPROVEMENTS ASSOCIATED WITH SCHOOL SAFETY INITIATIVES (E.G. SECURITY VESTIBULES, ENCLOSED WALKWAYS, ETC)		\$3,586	\$424,822	\$299,791	\$308,548	\$299,848	\$1,336,595	\$1,463,900	\$2,800,495
RESERVE: CLASSROOM/BUILDING IMPROVEMENTS				\$274,000	\$200,000	\$130,000	\$604,000	\$0	\$604,000
VEHICLE REPLACEMENT							\$0	\$0	\$0
ACTIVITY BUS REPLACEMENT	TRANSP	\$85,000					\$85,000	\$90,000	\$175,000
1/2 TON PICK UP	MAINT	\$30,000					\$30,000	\$0	\$30,000
VAN	MAINT	\$30,000					\$30,000	\$0	\$30,000
SKID STEER LOADER (USED EQUIP AN OPTION)	TRANSP		\$45,000				\$45,000	\$0	\$45,000
PAY AS YOU GO ALLOCATIONS		2016-17	2017-18	2018-19	2019-20	2020-21	5-YR TOTAL		
AVAILABLE FUNDING		\$1,479,086	\$1,501,272	\$1,523,791	\$1,546,648	\$1,569,848	\$7,620,646		
AMOUNT ALLOCATED		\$1,479,086	\$1,501,272	\$1,523,791	\$4,046,648	\$27,069,848	\$35,620,645		
AVAILABLE FOR ALLOCATION		\$0	\$0	\$0	-\$2,500,000	\$25,500,000	-\$27,999,999		

ORANGE COUNTY SCHOOLS PAY-AS-YOU-GO FUNDING PLAN
FY 2017--FY2026

Scope of Work	LOCATION	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
TOTAL AVAILABLE FUNDING FROM COUNTY:									
PAY-AS-YOU-GO		\$1,479,086	\$1,501,272	\$1,523,791	\$1,546,648	\$1,569,848	\$7,620,646	\$8,209,600	\$15,830,246
ADDITIONAL PAY AS YOU GO (SEPARATE PROJECT SCHEDULE ATTACHED)		\$528,032	\$528,032	\$528,032	\$528,032	\$528,032	\$2,640,160	\$2,640,160	\$5,280,320
ARTICLE 46 SALES TAX (SEPARATE PROJECT SCHEDULE ATTACHED)		\$558,815	\$567,197	\$575,705	\$584,341	\$593,106	\$2,879,164	\$3,101,677	\$5,980,841
FACILITY IMPROVEMENTS TO OLDER SCHOOLS (5-YEAR ALLOCATION)		\$389,300	\$389,300	\$389,300	\$389,300	\$389,300	\$1,946,500	\$0	\$1,946,500
GRAND TOTAL ANNUAL ALLOCATION		\$2,955,233	\$2,985,802	\$3,016,829	\$3,048,321	\$2,690,986			

ORANGE COUNTY SCHOOLS
FY 2017 CIP--ADDITIONAL PAY-AS-YOU-GO

SCOPE OF WORK	LOCATION	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
DISTRICT: TECHNOLOGY UPGRADES		\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$600,000	\$750,000	\$1,350,000
REPLACE ALL COMPROMISED INSULATED GLASS IN MAIN ENTRY STOREFRONT; INCLUDES LINTEL REPAIRS, PREPPING AND REPAINTING	ALS	\$100,000					\$100,000	\$0	\$100,000
DESIGN: MAIN ENTRANCE RESTRUCTURE		\$35,000					\$35,000	\$0	\$35,000
RESTRUCTURE MAIN ENTRANCE	EFLAND		\$350,000				\$350,000	\$0	\$350,000
SCHOOL SAFETY INITIATIVES		\$732	\$20,932	\$153,032	\$153,032	\$378,032	\$327,728	\$0	\$327,728
REPLACE DISHWASHER CONDENSATE HOOD	CENTRAL	\$1,500					\$1,500	\$0	\$1,500
ADD DRYING RACKS	CENTRAL	\$1,500					\$1,500	\$0	\$1,500
REPLACE FLOOR DRAIN AT STEAMER AND BRAISER	CENTRAL	\$2,500					\$2,500	\$0	\$2,500
REPLACE PREP SINKS TO 3-COMPARTMENT SINKS	CENTRAL	\$12,000					\$12,000	\$0	\$12,000
ADD DRYING RACKS	PE		\$1,500				\$1,500	\$0	\$1,500
ADD PASS-THROUGH REFRIGERATOR	CENTRAL	\$6,000					\$6,000	\$0	\$6,000
SERVING LINE EQUIPMENT MODIFICATIONS	ALS		\$5,600				\$5,600	\$0	\$5,600
REPLACE COOKING EQUIPMENT	EFLAND	\$18,000					\$18,000	\$0	\$18,000
REPLACE SERVING EQUIPMENT CASTERS AND CASTER TROUGH	EFLAND	\$4,800					\$4,800	\$0	\$4,800
ADD PASS THROUGH MOBILE HOT CABINET	EFLAND	\$9,500					\$9,500	\$0	\$9,500
UPGRADE/ADD STEAMER & BRASING PAN	CP	\$40,000					\$40,000	\$0	\$40,000
UPGRADE DISHWASHING AREA	CP	\$1,500					\$1,500	\$0	\$1,500
REPLACE COLD STORAGE UNIT	CP	\$55,000					\$55,000	\$0	\$55,000
REPLACE REACH IN REFRIGERATOR	CP	\$13,000					\$13,000	\$0	\$13,000
UPGRADE SERVING LINE EQUIPMENT	CP	\$5,000					\$5,000	\$0	\$5,000
NEW KITCHEN HOOD EXHAUST AND SUPPLY FAN/DUCTWORK	CP	\$20,000					\$20,000	\$0	\$20,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CP	\$16,000					\$16,000	\$0	\$16,000
NEW KITCHEN HOT WATER SYSTEM	CP	\$28,000					\$28,000	\$0	\$28,000
REPLACE TWO COMPARTMENT SINK WITH 3 COMPARTMENT SINK	CP	\$5,000					\$5,000	\$0	\$5,000
UPGRADE FLOOR DRAINS NEAR BRAISER AND STEAMER	CP	\$3,000					\$3,000	\$0	\$3,000
ABATEMENT PROJECT: CARPET/MASTIC CAMPUS WIDE: NEW HOPE	NH			\$225,000			\$225,000	\$0	\$225,000
ABATEMENT PROJECT: CARPET/MASTIC CAMPUS WIDE: A L STANBACK	ALS				\$225,000		\$225,000	\$0	\$225,000
DEFERRED MAINTENANCE RESERVE							\$0	\$1,890,160	\$1,890,160
TOTAL COUNTY ALLOCATION		\$528,032	\$528,032	\$528,032	\$528,032	\$528,032	\$2,640,160	\$2,640,160	\$5,280,320
PROJECT TOTAL		\$528,032	\$528,032	\$528,032	\$528,032	\$528,032			

ORANGE COUNTY SCHOOLS
 FY 2017 PROPOSED ARTICLE 46 SALES TAX CIP PROJECTS

	C	H	I	J	K	L	M	S	T
1	SCOPE OF WORK	YEAR 1 2016-2017 (FY 17)	YEAR 2 2017-2018 (FY18)	YEAR 3 2018-2019 (FY 19)	YEAR 4 2019-2020 (FY 20)	YEAR 5 2020-2021 (FY 21)	FIVE YEAR TOTAL	YEAR 6-10 SUMMARY	Ten Year Total
2									
3	ANNUAL ALLOCATION FROM COUNTY	\$558,815	\$567,197	\$575,705	\$584,341	\$593,106	\$2,879,164	\$3,101,677	\$5,980,841
4									
5	TECHNOLOGY DEBT SERVICE								
6	TECHNOLOGY UPGRADES	\$558,815	\$567,197	\$575,705	\$584,341	\$593,106	\$2,879,164	\$3,101,677	\$5,980,841
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ORANGE COUNTY SCHOOLS
FY 2017 CIP-- BOND PRIORITIES

SCOPE OF WORK	LOCATION	ESTIMATED COST	BOND PROJECTS	2017-2018	2018-2019	2019-2020	2020-2021	TOTAL
			\$54,334,438	<<-----TOTAL BOND PROJECTS				
ROOF REPLACEMENTS	ALS		\$1,775,000					
MECHANICAL SYSTEM REPLACEMENTS	ALS		\$4,108,000					
ROOF REPLACEMENTS	CENTRAL		\$512,000					
MECHANICAL SYSTEM REPLACEMENTS	CENTRAL		\$1,738,219					
MECHANICAL SYSTEM REPLACEMENTS	CP		\$1,365,444					
ROOF REPLACEMENTS	CP		\$575,000					
ADD CLASSROOM WING (PRICE INCLUDES FULL PROJECT COSTS)	CRHS	\$14,471,404	\$14,471,404					
MECHANICAL SYSTEM REPLACEMENTS	EFLAND	\$2,115,352	\$2,115,352					
ROOF: BACK CLASSROOMS	EFLAND	\$240,000	\$240,000					
ROOF REPLACEMENTS	GAB		\$1,239,000					
MECHANICAL SYSTEM REPLACEMENTS	GAB		\$704,000					
REPLACE WINDOWS	GAB	\$220,000	\$220,000					
BUILDING 400 ROOF REPLACEMENT	HES	\$175,000	\$175,000					
MECHANICAL SYSTEM REPLACEMENTS	HES		\$1,934,010					
MECHANICAL SYSTEM REPLACEMENTS	NEW HOPE		\$2,002,738					
MECHANICAL SYSTEM REPLACEMENTS--GEOTHERMAL	OHS		\$8,867,271					
REPLACE TRANSPORTATION FACILITY (JOINT PROJECT WITH CHCCS)	TRANSP	\$8,000,000	\$8,000,000					
IMPLEMENTATION OF SCHOOL SAFETY INITIATIVES (ITEMIZED VIA ANNUAL WORKPLAN)		\$2,500,000	\$2,500,000					

ORANGE COUNTY SCHOOLS
FY 2017 CIP --FACILITY IMPROVEMENTS FOR OLDER SCHOOLS

DESCRIPTION	LOCATION	YEAR 1 2016-17	YEAR 2 2017-2018	YEAR 3 2018-2019	YEAR 4 2019-2020	YEAR 5 2020-2021	GRAND TOTAL
ANNUAL ALLOCATION		\$389,300	\$389,300	\$389,300	\$389,300	\$389,300	\$1,946,500
AVAILABLE FOR ALLOCATION		\$0	\$0	\$0	\$0	\$0	\$0
ALLOCATED		\$389,300	\$389,300	\$389,300	\$389,300	\$389,300	\$1,946,500
UPGRADE SCIENCE CLASSROOMS TO MEET CURRENT STANDARDS	ALS	\$244,300					\$244,300
REPLACE COLD STORAGE UNIT	CENTRAL	\$50,000					\$50,000
REPLACE REACH IN REFRIGERATORS	CENTRAL	\$20,000					\$20,000
REPLACE COOKING EQUIPMENT	CENTRAL	\$75,000					\$75,000
UPGRADE SCIENCE CLASSROOMS TO MEET CURRENT STANDARDS	CWS		\$235,000				\$235,000
REPLACE COLD STORAGE UNIT	CWS				\$50,000		\$50,000
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CWS				\$20,000		\$20,000
REPLACE STEAMER	CWS				\$35,000		\$35,000
REPLACE COLD STORAGE UNIT	GAB			\$75,000			\$75,000
ADD 1-COMPARTMENT COMBI-OVEN	GAB			\$22,500			\$22,500
REPLACE COLD STORAGE UNIT	HES				\$55,000		\$55,000
REPLACE COOKING EQUIPMENT	HES				\$60,000		\$60,000
UPGRADE SCIENCE CLASSROOMS TO MEET CURRENT STANDARDS	OHS			\$250,000			\$250,000
REPLACE COLD STORAGE UNIT	OHS		\$50,000				\$50,000
REPLACE MERCHANDISING REFRIGERATOR	OHS		\$20,000				\$20,000
REPLACE OUTDATED COOKING EQUIPMENT	OHS		\$75,000				\$75,000
RESERVE: IMPLEMENTATION-FACILITIES USAGE ASSESSMENT	DISTRICT		\$9,300	\$41,800	\$169,300	\$389,300	\$609,700

ORANGE COUNTY SCHOOLS
FY2017 UNFUNDED MAJOR PROJECTS

SCOPE OF WORK	LOCATION	PROJECTED COST
CENTRAL OFFICE ADDITION (PRICE INCLUDES TOTAL PROJECT COSTS)	BOE	\$4,688,000
MEDIA CENTER EXPANSION (PRICE INCLUDES TOTAL PROJECT COSTS)	CENTRAL	\$625,000
OFFICE EXPANSION (PRICE INCLUDES TOTAL PROJECT COSTS)	CENTRAL	\$414,000
RENOVATE EXISTING K-1 WING (PRICE INCLUDES TOTAL PROJECT COSTS)	CAMERON PARK	\$2,030,400
RENOVATE EXISTING OFFICE SUITE (PRICE INCLUDES TOTAL PROJECT COSTS)	CAMERON PARK	\$265,000
RENOVATE/EXPAND EXISTING 2-4 WING (PRICE INCLUDES TOTAL PROJECT COSTS)	CAMERON PARK	\$3,784,000
DECONSTRUCT/RECONSTRUCT 4-5 WING (PRICE INCLUDES TOTAL PROJECT COSTS)	CAMERON PARK	\$5,500,000
NEW CONNECTOR (PRICE INCLUDES TOTAL PROJECT COSTS)	CAMERON PARK	\$484,375
FIELD HOUSE (PRICE INCLUDES TOTAL PROJECT COSTS)	CEDAR RIDGE	\$2,400,000
RENOVATE MAIN ENTRANCE (PRICE INCLUDES TOTAL PROJECT COSTS)	CW STANFORD	\$700,000
PRE-K ADDITION (PRICE INCLUDES TOTAL PROJECT COSTS)	EFLAND ELEMENTARY	\$690,000
CLASSROOM EXPANSION (PRICE INCLUDES TOTAL PROJECT COSTS)	EFLAND ELEMENTARY	\$1,968,750
MAIN ENTRANCE ADDITION (PRICE INCLUDES TOTAL PROJECT COSTS)	GRADY BROWN	\$897,000
MEDIA CENTER/TEACHER SUPPORT RENOVATION (PRICE INCLUDES TOTAL PROJECT COSTS)	GRADY BROWN	\$1,950,000
REPLACE BUILDING 100 ONLY (PRICE INCLUDES TOTAL PROJECT COSTS)	HILLSBOROUGH ELEMENTARY	\$14,422,000
BUILDING CONNECTORS (PRICE INCLUDES TOTAL PROJECT COSTS)	HILLSBOROUGH ELEMENTARY	\$1,468,750
REPLACE MAINTENANCE COMPLEX (TOTAL PROJECT COSTS)	MAINTENANCE	\$4,688,000
ADD MAINTENANCE STORAGE (TOTAL PROJECT COSTS)	MAINTENANCE	\$2,265,700
REPLACE WORKFORCE DEVELOPMENT BUILDING (PRICE INCLUDES TOTAL PROJECT COSTS)	OHS	\$3,625,000
TOTAL NEW BUILDING CONSTRUCTION		\$52,865,975

ORANGE COUNTY SCHOOLS
FY 2017 UNFUNDED FACILITIES CARE PROJECTS

Scope of Work	Location	Total
ADA		
ADA PROJECTS PER FACILITIES ASSESSMENT	MULTIPLE	\$1,392,900
ABATEMENT		
Abatement projects per facilities assessment	MULTIPLE	\$2,060,440
ATHLETIC FACILITIES		
FIELD/GROUNDS IMPROVEMENTS	MULTIPLE	\$524,900
NEW ATHLETIC FACILITIES IDENTIFIED IN ASSESSMENT	MULTIPLE	\$2,893,000
CLASSROOM/BUILDING IMPROVEMENTS		
IMPROVEMENTS PER FACILITIES ASSESSMENT	ALS	\$258,100
IMPROVEMENTS PER FACILITIES ASSESSMENT	CENTRAL	\$135,500.00
IMPROVEMENTS PER FACILITIES ASSESSMENT	CP	\$208,500
IMPROVEMENTS PER FACILITIES ASSESSMENT	CRHS	\$273,100
IMPROVEMENTS PER FACILITIES ASSESSMENT	CWS	\$227,400
IMPROVEMENTS PER FACILITIES ASSESSMENT	CWS	\$40,000
IMPROVEMENTS PER FACILITIES ASSESSMENT	EFLAND	\$384,350
IMPROVEMENTS PER FACILITIES ASSESSMENT	GHMS	\$5,300
IMPROVEMENTS PER FACILITIES ASSESSMENT	GRADY BROWN	\$207,950
IMPROVEMENTS PER FACILITIES ASSESSMENT	HES	\$52,850
IMPROVEMENTS PER FACILITIES ASSESSMENT	MAINT	\$243,950
IMPROVEMENTS PER FACILITIES ASSESSMENT	NEW HOPE	\$80,000
IMPROVEMENTS PER FACILITIES ASSESSMENT	OHS	\$690,000
IMPROVEMENTS PER FACILITIES ASSESSMENT	PE	\$146,600
DOORS/HARDWARE/CANOPIES		
ADD ADDITIONAL SIDEWALK AND CANOPY TO BUS PICKUP AREA	ALS	\$18,000
REPLACE CANOPIES CAMPUS-WIDE (PARTALLY FUNDED)	CWS	\$1,252,000
REPAIR EXISTING WALKWAY CANOPIES	HES	\$21,000
IMPROVEMENTS PER FACILITIES ASSESSMENT	NEW HOPE	\$47,000
ELECTRICAL SYSTEMS		
UPGRADE ELECTRICAL DISTRIBUTION	MAINT	\$18,000
NEW SWITCH PANEL	OHS	\$47,000
ENERGY EFFICIENCY/LIGHTING IMPROVEMENTS		
UPGRADE LIGHTING AT ALL SCHOOLS	ALL	\$5,003,300
EMERGENCY GENERATOR AND LIGHTING	ALS	\$340,000
EMERGENCY GENERATOR AND LIGHTING	CENTRAL	\$153,500
EMERGENCY GENERATOR AND LIGHTING	CP	\$177,100
GENERATOR	GHMS	\$50,000
EMERGENCY GENERATOR AND LIGHTING	OHS	\$533,800
EMERGENCY GENERATOR AND LIGHTING	PATHWAYS	\$213,200

ORANGE COUNTY SCHOOLS
FY 2017 UNFUNDED FACILITIES CARE PROJECTS

Scope of Work	Location	Total
FIRE/SAFETY/SECURITY SYSTEMS		
NEW FIRE SPRINKLER IN WAREHOUSE	MAINT	\$50,000
MECHANICAL SYSTEMS (most mechanical needs included on bond schedule)		
MECHANICAL SYSTEM PER FACILITIES ASSESSMENT	ADMIN ANNEX	\$25,000
MECHANICAL SYSTEM PER FACILITIES ASSESSMENT	COM/SCHOOL RELATIONS	\$16,000
MECHANICAL SYSTEM PER FACILITIES ASSESSMENT	MAINT	\$139,200
MECHANICAL SYSTEM PER FACILITIES ASSESSMENT	PARTNERSHIP	\$30,000
MECHANICAL SYSTEM PER FACILITIES ASSESSMENT	PE	\$1,694,500
PAVING: PARKING LOTS/DRIVEWAYS/WALKWAYS		
PAVING/PARKING LOTS/DRIVEWAYS/WALKWAYS PER FACILITIES ASSESSMENT	VARIOUS	\$1,916,100
ROOFING		
ROOF REPLACEMENT PER FACILITIES ASSESSMENT	MAINT	\$135,000
WINDOW REPLACEMENTS		
REPLACE WINDOWS IN GYM	HES	\$80,000
TOTAL		\$21,802,540

**County Debt Service and Debt Capacity (General Fund Only) - RECOMMENDED
Fiscal Years 2016-21**

Debt Service	Current Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22
<i>Total Annual Debt Service</i>	26,088,326	24,958,926	24,410,329	23,139,274	21,815,597	20,782,846	20,052,972
General Fund Budget							
Annual Growth Projections	1.50%	1.50%	2.00%	2.00%	2.00%	2.00%	2.00%
Projected General Fund Budget	206,776,110	209,877,752	214,075,307	223,321,806	229,882,321	235,087,926	240,482,081
<i>Estimated Incremental Tax Equivalent</i>			<i>2.94 cents</i>	<i>1.24 cents</i>	<i>0.36 cents</i>	<i>0.41 cents</i>	<i>.80 cents</i>
Adjusted General Fund Budget			218,942,947	225,374,824	230,478,359	235,766,746	241,806,609
Existing Debt Service as a % of General Fund	12.62%	11.89%	11.40%	10.36%	9.49%	8.84%	8.34%
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Future Debt Service Capacity	2.38%	3.11%	3.60%	4.64%	5.51%	6.16%	6.66%
Projected Debt Financing							
2015-2016							
Debt Service Payments		943,484	943,484	943,484	943,484	943,484	943,484
2016-2017 - \$62,888,700							
Debt Service Payments			5,554,622	5,554,622	5,554,622	5,554,622	5,554,622
2017-2018 - \$39,707,410							
Debt Service Payments				3,507,252	3,507,252	3,507,252	3,507,252
2018-19 - \$51,624,800¹							
Debt Service Payments					2,074,816	2,074,816	2,074,816
2019-20 - \$11,739,000¹							
Debt Service Payments						1,905,552	1,905,552
FY 2020-21 - \$64,630,000¹							
Debt Service Payments							2,355,753
New Debt Service	-	943,484	6,498,106	10,005,358	12,080,174	13,985,726	16,341,479
Projected Annual Debt Service	26,088,326	25,902,410	30,908,435	33,144,632	33,895,771	34,768,572	36,394,451
Projected Annual Debt Service As a Percent of the General Fund Budget	12.6%	12.3%	14.1%	14.7%	14.7%	14.7%	15.0%

¹ The FY 2019-21 borrowings may include interest only/ramp up in principal payments through FY 2022. Subject to review and discussion with the Local Government Commission.

Water and Sewer Projects Debt Service (Article 46 Sales Tax) - RECOMMENDED
Fiscal Years 2016-21

Debt Service	Current Fiscal Year 2015-16	Fiscal Year 2016-17	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21
Projected Article 46 Sales Tax Proceeds (Economic Development Portion)	1,407,289	1,435,435	1,456,967	1,478,821	1,501,003	1,523,518
Article 46 Sales Tax Debt Service Obligation	822,657	822,657	982,657	982,657	1,045,057	1,045,057
Projected Debt Financing						
2015-2016 - \$2,000,000						
Hillsborough EDD - \$1,000,000		80,000				
Eno EDD - \$1,000,000		80,000				
2016-2017 - \$0						
2017-2018 - \$780,000						
Hillsborough EDD - \$290,000				23,200		
Eno EDD - \$490,000				39,200		
2018-19 - \$0						
2019-20 - \$2,120,000						
Buckhorn-Mebane EDD Phases 3 & 4 - \$2,120,000						169,600
2020-21 - \$0						
<i>Projected Additional Annual Debt Service</i>	-	160,000	-	62,400	-	169,600
Total Article 46 Sales Tax Debt Service	822,657	982,657	982,657	1,045,057	1,045,057	1,214,657
Available Article 46 Sales Tax Proceeds (Economic Development Portion)	584,632	452,778	474,310	433,764	455,946	308,861

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:

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

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.

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**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.

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