



ORANGE COUNTY
NORTH CAROLINA

FY 2018-2023
CAPITAL INVESTMENT
PLAN

MANAGER RECOMMENDED

FY 2018-23
CAPITAL INVESTMENT
PLAN

MANAGER RECOMMENDED

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FINANCE AND ADMINISTRATIVE SERVICES

ORANGE COUNTY, NORTH CAROLINA

Board of County Commissioners



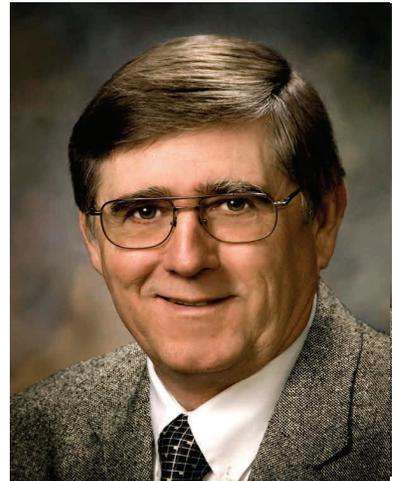
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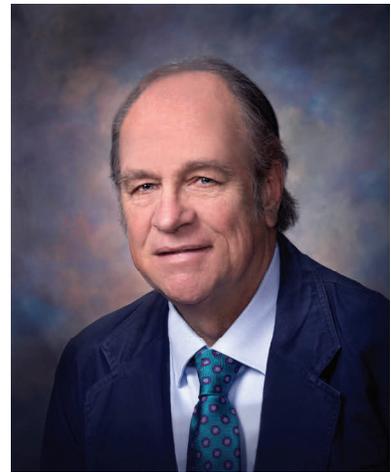
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ORANGE COUNTY

NORTH CAROLINA

April 3, 2018

TO: Board of Orange County Commissioners

FROM: Bonnie Hammersley
County Manager

RE: Manager's Recommended FY 2018-2023 Capital Investment Plan

I am pleased to submit the County Manager's Recommended Capital Investment Plan (CIP) for FY 2018-23 for your consideration. The CIP serves two important functions. First, it authorizes capital appropriations for the next fiscal year. If approved by the Board, County staff will proceed with implementing these projects during the next fiscal year. 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. These future project plans are integrated into the County's budget projection model for long term financial forecasting.

Recommended capital expenditures for FY 2018-19 total \$42 million. Of this amount, \$28.51 million is recommended for County capital projects, \$2.46 million is recommended for proprietary fund spending including water and sewer projects, Solid Waste, and Sportsplex, and \$11.1 million is recommended for school capital improvements.

The recommended FY 2018-19 CIP represents a decrease of approximately \$68 million compared to the FY2017-18 Approved CIP pending a FY2017-18 budget amendment for the Chapel Hill-Carrboro City Schools bond projects. Based on new cost information for Chapel Hill High School and a revised project and cash flow schedule, the Board of County Commissioners will be asked to consider an amendment to the FY2017-18 Capital Budget that authorizes \$72.1 million to be borrowed this fiscal year. This amount represents all of Chapel Hill-Carrboro City Schools' share of the \$120 million school bond passed in 2016. When the bond funds are excluded from this comparison, the total Recommended FY2018-19 CIP represents an increase of approximately \$4.17 million compared to last fiscal year.

This memorandum describes projects that are recommended in the first year of the FY2018-23 CIP and other significant changes that are recommended compared to the CIP approved last fiscal year.

Policy Priorities

The Board of County Commissioners adopted a variety of policy priorities in 2016 consistent with existing Board goals. 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.

- **Affordable Housing Bond - \$2.5 million**

The 2016 Bond Referendum authorized a total of \$5 million for affordable housing initiatives. The first half of those authorized funds (\$2.5 million) was awarded through a Request for Proposal process in June of 2017. These awards will assist in the creation of fifty-three (53) affordable housing units through partnerships with nonprofit agencies. The second half of the bond funds (\$2.5 million) is recommended for FY2018-19. These funds will be awarded using a similar competitive process.

- **Sheriff Office Body Worn Cameras - \$300,000**

In February, the Orange County Sherriff reported the results of a successful body worn camera pilot project. The Sherriff indicated that his office was prepared for a full implementation of this technology pending a funding decision by the Board of Commissioners, and the County Manager reported that this initiative would be included in the FY2018-19 CIP. The FY2018-19 CIP recommends \$300,000 to implement this initiative. Due to the integration of these devices with portable radios, these funds are recommended to be reallocated from the Communication System Improvements project allowing both needs to be satisfied using the same amount of total funding.

- **Community Centers - \$100,000**

The FY2018-19 CIP includes \$100,000 for an analysis of facility options for the Efland-Cheeks Community Center. This analysis will include an evaluation of programming and facility needs and projections for growth. The current site is constrained by impervious surface limitations and will not allow for an expansion of the building footprint. As a result, other sites may need to be considered if facility expansion is needed to accommodate current demand and projected growth.

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

In FY2017-18, the Board authorized funding to conduct an analysis of the County's Economic Development Districts (EDD's). This report highlighted the importance of having sites that are prepared for development including the availability of water and sewer service. The County has previously appropriated over \$5.5 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 FY2018-19 adds \$145,000 for engineering services to begin designing the Buckhorn-Mebane Phase 3

infrastructure project. This project will upgrade an existing lift station and extend utilities under the Interstate in the Buckhorn EDD. The total cost of Phase 3 is estimated to be \$1.36 million and is scheduled to begin in FY2019-20. Debt service on water and sewer projects is paid using the portion of Article 46 sales tax revenue dedicated to economic development.

- **Emergency Medical Services (EMS) Substation with Solar Pilot - \$1.5 million**

The Board has supported the development of new Emergency Medical Services (EMS) Substations to upgrade and strategically locate emergency response facilities throughout the County. The FY2017-18 CIP included a partnership with the Orange Rural Fire Department and the Town of Hillsborough to collocate an EMS substation with a fire station and police substation in the Waterstone development in Hillsborough. The FY2018-19 CIP is recommending a stand-alone substation in the Efland area to replace an existing substation on Mount Willing Road. The existing station is incapable of expansion and would not support the level of investment necessary to comply with the fire code for sleeping quarters. The County has identified a site for the new substation and, if approved, would proceed with property acquisition and construction in FY2018-19.

The new facility will also include solar photovoltaic panels to reduce the cost of operations and improve sustainability. The Board has consistently prioritized sustainable practices in all aspects of County operations, and this project will serve as a pilot for a new standard of including solar photovoltaic systems in all new construction.

- **Facility Accessibility and Security Improvements - \$114,500**

One component of the Space Study Work Group focused on facility safety and security. The CIP recommends \$114,500 in FY 2018-19 to fund camera equipped security systems at the Historic Courthouse and Orange County fuel station. This project will also upgrade fire alarm systems at the Court Street Annex, Orange County Public Transportation Administration Offices, and the Visitors Bureau building to maintain code compliance. This appropriation will also be used to replace a wheelchair lift at Central Recreation which has reached the end of its useful life.

- **Orange County Public Transit (OCPT) Bus Shelters - \$125,000**

The Board has emphasized the need to provide transportation options for County residents. Orange County Public Transit (OCPT) currently provides fixed route services within the Town of Hillsborough, from Hillsborough to the Town of Chapel Hill and, most recently, from Hillsborough to the City of Mebane. This project would install up to five bus shelters along OCPT routes. Based on ridership, these shelters would most likely be placed on either the Hillsborough Circulator route or the Orange-Chapel Hill Connector route. Funding for this project will be allocated from the Article 43 transit sales tax fund.

- **School Capital Improvements - \$11.1 million**

The recommended CIP includes a total of \$11.1 million to finance a variety of school capital improvements and deferred maintenance. This total amount is consistent with prior year allocations but represents a change in how recurring capital is funded. The Recommended CIP funds \$3 million in recurring capital using debt financing instead of cash financing to provide short term flexibility in the operating budget. The remainder of the funding comes from a mix of sources including lottery proceeds, Article 46 sales tax proceeds, and \$1 million in debt financing specifically targeted at facility improvements in older schools.

As discussed above, the cost and project schedule for the Chapel Hill High School bond project will accelerate the need to access nearly all of the \$72 million in bond funds allocated to Chapel Hill-Carrboro City Schools at one time. Bond projects for Orange County Schools continue at the pace assumed in prior year Capital Investment Plans with the two remaining bond draws of approximately \$16 million each occurring in FY2019-20 and FY2021-22.

Continuation Funding

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

- **Conservation Easements – \$1 million**

The CIP recommends continuing funding for conservation easements as part of the Lands Legacy program. Due to the timing and funding requirements of easement acquisitions, conservation easement funding was restructured into \$1 million increments every other year. This total appropriation is comprised of \$500,000 in County funds and an additional \$500,000 in matching funds from State and Federal grants. The County uses conservation easements, among other strategies, to protect prime or threatened farmland, sensitive natural areas and wildlife habitat, or water quality buffer lands in water supply watersheds.

- **Detention Facility - \$12.5 million**

The original site for the Detention Center on Highway 86 could not be used because the State of North Carolina would not agree to an acceptable ground lease for the facility. Following those negotiations, the County evaluated alternative sites including the location of the existing facility, a site adjacent to the existing facility in downtown Hillsborough, and two sites outside of the downtown area. Based on this analysis, the County initiated the acquisition process for a site off of Highway 70 in the Hillsborough Extraterritorial Zoning Jurisdiction. This site is also able to accommodate a new Environment and Agriculture Center that was authorized in the FY2017-18 CIP at \$3.38 million and a Parks Operations Base that is currently part of a future phase of the Blackwood Farm Park development. The cost of the operations base is currently estimated to be \$2.57 million. No additional new funds would need to be added to the Capital Investment Plan, but the timing of projects may need to be restructured in future years.

If the site is acquired this fiscal year, design work would be completed and construction would begin in the summer of 2019. A portion of the total construction cost for the Detention Center (\$12.5 million of \$20 million) is recommended for appropriation in the FY2018-19 CIP. The balance of the construction costs would be recommended in next year's Capital Investment Plan.

- **Orange County Southern Branch Library – \$5.6 million**

In October of 2017, the Board approved a development agreement with the Town of Carrboro to jointly develop and occupy a new facility at 203 South Greensboro Street. The facility would include space for the County’s Southern Branch Library as well as Town offices and potentially other tenants. Funding for the construction phase of this project is recommended in FY2018-19 at \$5.6 million. Along with the recommended capital commitment for design and construction costs, the CIP continues to recognize the additional operating expenses that will be required to operate this branch. The net new operating costs are currently estimated at approximately \$622,000 annually after deducting the operating costs associated with the two existing County funded library resources in the Town of Carrboro.

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 individual master plans that have been adopted and periodically updated for each park property. The FY2018-19 CIP recommends funding for the following projects:

- **Blackwood Farm Park - \$1.79 million**

The FY2018-19 CIP recommends \$1.79 million to begin construction of Phase II of Blackwood Farm Park. Phase II construction includes new picnic shelters, restrooms, an amphitheater, a disc golf course, and other improvements to the existing grounds and facilities.

- **Mountains to Sea Trail - \$110,000**

Prior year funding of \$521,000 is authorized for easement acquisition and initial trail construction. The FY2018-19 CIP recommends reallocating funds from the Upper Eno Nature Preserve project to the Mountains to Sea Trail project to construct waystation facilities at Seven Mile Nature Park. The waystation facilities will include a well and rest areas.

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 and Board Technology Initiatives - \$500,000**

The FY 2018-19 CIP recommends \$450,000 for Information Technology Infrastructure that would fund server upgrades, end user device replacements, data storage, network improvements, and the continued deployment of wireless capabilities. 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 - \$505,000**

The County has been engaged in a multiyear effort to replace its radio communication equipment. For FY2018-19, \$505,000 is recommended to complete the replacement of radios in the Sheriff's Office.

- **Register of Deeds Automation - \$80,000**

The Register of Deeds is pursuing the replacement of software that is twelve years old and does not provide the functionality to meet the needs of the department. This project will be funded using automation fees that are specifically designated by State Statute to improve technology capabilities in the Register of Deeds Office. Each year, the County budgets \$80,000 which is allowed to accumulate over time to make these significant technology investments.

Building and Infrastructure Improvements

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

- **Criminal Justice Resource Department - \$275,000**

The Criminal Justice Resource Department is currently located in two different buildings. As this program grows in scope and complexity, additional office space will be required to meet the needs of staff. The FY2018-19 CIP includes \$275,000 to remodel underutilized office space in the Gateway facility near the Register of Deeds Office to accommodate current staffing needs and some amount of future growth. This project also includes installing a dry sprinkler system in the Register of Deeds Office to protect vital land records in the event the fire suppression system is activated.

- **Link Center Remodel - \$50,000**

The FY2017-18 CIP included funding to relocate the Public Defender's Office from a County owned building on King Street to the lower level of the John Link Jr. Government Services Center. This relocation will result in the loss of meeting space on the lower level of the Link Building. The FY2018-19 CIP includes \$50,000 to enhance the large meeting space on the main floor of the Link Building so that it can be more intensively used. After the Public Defender Office is vacated, the Board may consider how that facility could be repurposed or sold.

- **Old Courthouse Square – Building and Grounds Improvements - \$20,000**

The FY2018-19 CIP proposes funds for an engineer to design renovations to the Historic Courthouse Facility. The renovations would include exterior restoration and structural repairs, foundation drainage, sidewalk restoration, lighting, and public seating.

- **Other Critical Infrastructure Improvements for 2018-19**

- **HVAC Projects** - \$142,000 to install air conditioning at the Motor Pool facility and to replace HVAC equipment at the Emergency Services Communication Tower.

- **Roofing and Building Façade Projects** – \$369,800 to fund a needs assessment and condition study of existing facilities as well as specific façade repairs at the Central Recreation Building, Motor Pool Facility, and the John Link Jr. Government Services Center.
- **Vehicle Replacements** - \$689,328 to replace seven (7) Sheriff's Office patrol vehicles, two (2) Sheriff's Office transport vehicles, a remount of an existing Animal Services vehicle, and two (2) Emergency Services Ambulances.

Financing the Capital Investment Plan

The Recommended Capital Investment Plan for FY2018-19 totals \$42 million in expenditures. Of that amount, \$35.5 million is recommended to be financed by County funded debt. Other significant sources of funds include Lottery Proceeds and Article 46 sales tax proceeds. Both of these sources are dedicated to fund school capital needs and are estimated to contribute approximately \$3.2 million to the resources used to support the CIP.

Debt Capacity Target and Next Steps

County policy establishes a debt service capacity target of fifteen percent (15%) of general fund revenues. The cost increase and cash flow needs associated with the Chapel Hill High School project will have an impact on the ease with which the County can both comply with the debt capacity policy and match the debt service repayment schedule with available tax revenues. This acceleration means that higher debt service payments will be due earlier in the debt service repayment schedule than previously modeled.

The debt affordability target may be achieved if some interest only payments are included in each of the debt issuances included in the FY2018-23 CIP. County staff are in active discussions with the Local Government Commission about the extent to which that approach will be allowed. As the Board considers the CIP, staff will provide updates and recommend necessary adjustments so that the Board is comfortable with the current and planned debt over the course of the FY2018-23 CIP.

Finally, I would like to thank Deputy County Manager, Travis Myren, for leading the development of the CIP this year and for working with each of the department directors to create a capital plan that addresses the Board's priorities. I would also like to thank the County's Finance and Administrative Services team most notably Chief Financial Officer, Gary Donaldson, and Deputy Finance Director, Paul Loughton. 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.

Preface

The Capital Investment Plan (CIP) has been redesigned to enhance communication to our readers. The CIP is a five-year plan which describes each County project that is to be funded during the planning period. The following definitions for a capital asset and a capital project differentiate the two types of capital items and the treatment of each during the budget process.

Definition of a Capital Asset

An item with a value exceeding \$5,000 and a useful life of one year or greater; includes automobiles, equipment and furniture.

Definition of a Capital Project

A project with an estimated cost exceeding \$100,000 or more and useful life exceeding ten years or greater. Capital projects include the construction, purchase, or major renovation of buildings, parks, utility systems, or other structures and sites; and purchase of land and major landscaping projects.

County projects meeting the above definition are included in the CIP document rather than the Operating Budget.

What is important to know when reviewing the Capital Investment Plan (CIP)?

- The CIP represents a long-range planning resource, and only the dollars in the first year of the plan are adopted by the Board of County Commissioners.
- The CIP is a planning document to be used as a companion document to the Operating Budget document.
- The CIP provides a comprehensive perspective to capital planning and includes projects that are funded from all available funding sources including bond proceeds, grants, or pay-as-you-go (cash).
- The CIP projects are subject to re-prioritization annually as part of funding sources review and conformity to the County debt affordability policy, including debt service limited to 15% of general fund revenues.
- The CIP is a dynamic process that will include changes necessitated by organizational changes, priorities, funding uncertainties, unforeseen emergencies, project delays, or plans by other entities which may alter the most well planned CIP.

CIP Project Page

The CIP project pages have been revised from landscape to portrait presentation format and includes key sub-headings which correlate to prerequisite checks important to both the working staff and the reader of this document. The key sub-headings and descriptions are indicated below:

Project Category: refers to either County Capital, School Capital, Water and Sewer Capital, Solid Waste Capital, or Sportsplex Capital

Functional Service Area: corresponds to the appropriate Functional Leadership Team

Department: includes the department with oversight responsibility for the project

Project Number: refers to the project number assigned to the project

Project Status- Project Status can either be New, Active, Planned, or Debt Repayment.

New – a project that has not been included in previous CIPs

Active – a project that has received approved funding in previous CIPs

Planned – a project that has been in previous CIPs, but has not yet received approved funding as a Year 1 project.

Debt Repayment – a project that has received approved funding in previous CIPs, has an operations and maintenance impact, and requires debt service payments

Proposed Bid Award Date- Project Bid Award Date must precede the construction period; this date is included to assist in the timing of funding requirements and for debt financed projects appropriate timing for entry in the capital market and debt issuance. Projects where bids do not apply will be denoted as N/A. Projects where bids do apply, but a date is currently unknown will be denoted as TBD.

Starting Date and Completion Date Projects- Starting and Completion Dates pertain to construction dates and these dates are important prerequisites in the debt filing application process with the North Carolina Local Government Commission. These dates provide a clearer understanding of projected construction fund drawdowns and investment of idle construction proceeds. Projects that are not construction related will be denoted as N/A.

Project Type- Project Type describes New, Expansion, Renovation or Replacement.

Orange County Capital Investment Plan- Plan Summary - RECOMMENDED
Fiscal Years 2018-23

	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations								
County Capital Projects	10,052,558	26,030,599	26,131,917	4,974,380	16,757,330	6,636,000	80,530,226	73,731,290
Bond Referendum Projects	2,500,000	2,500,000					2,500,000	
Total County Capital Projects	12,552,558	28,530,599	26,131,917	4,974,380	16,757,330	6,636,000	83,030,226	73,731,290
Proprietary Capital Projects								
Water & Sewer Utilities	-	145,000	1,365,000	115,000	945,000		2,570,000	
Solid Waste	330,484	1,831,815	1,977,791	1,967,049	1,351,038	3,031,486	10,159,179	6,707,503
Sportsplex	465,000	507,000	200,000	1,450,000	420,000	100,000	2,677,000	3,566,000
Schools Capital Projects								
Chapel Hill Carrboro City Schools	4,789,035	4,926,291	5,018,378	5,113,194	4,603,828	4,704,373	24,366,063	25,138,917
Deferred Maintenance Projects								31,515,493
Bond Referendum Projects	72,108,000						-	
Recurring Capital Items		1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,105,000
Total Chapel Hill Carrboro City Schools	76,897,035	6,747,291	6,839,378	6,934,194	6,424,828	6,525,373	33,471,065	65,759,411
Orange County Schools	3,179,409	3,189,510	3,249,131	3,310,518	2,980,731	3,045,830	15,775,719	16,276,103
Deferred Maintenance Projects								9,005,840
Bond Referendum Projects	15,964,000		15,964,000		15,964,000		31,928,000	
Recurring Capital Items		1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
Total Orange County Schools	19,143,409	4,368,510	20,392,131	4,489,518	20,123,731	4,224,830	53,598,720	31,176,944
Durham Tech Community College (Orange Co Campus)					714,290	7,437,389	8,151,679	15,396,232
Total	109,388,486	42,130,216	56,906,217	19,930,141	46,736,218	27,955,077	193,657,868	196,337,378
Revenues/Funding Source								
Available Project Balances							-	
Transfer from Other Funds			100,000				100,000	
Transfer from General Fund - County	245,000	220,000	165,000	240,000	200,000	77,500	902,500	1,070,000
Transfer from General Fund - W & S Utilities							-	
Transfer from General Fund - Schools	-						-	
Transfer from other Capital Projects			100,000				100,000	
County Capital Fund Balance							-	
Visitors Bureau Fund Balance							-	
Solid Waste Fund Balance		104,972	121,500			134,000	360,472	
Sportsplex Fund Balance	465,000	507,000	200,000	300,000	420,000	100,000	1,527,000	2,150,000
Solid Waste Programs 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							-	600,000
State 9-1-1 Funds							-	
Medicaid Maximization Funds			3,629,500				3,629,500	
Grants & Contributions		500,000	995,000	750,000	250,000	750,000	3,245,000	2,510,000
NCDEQ Reimbursement Funds	50,000		1,500,000				1,500,000	
Grants - Solid Waste Fund							-	
User Fees/Donations							-	
Partner Funding - County Capital	15,000		25,000	150,000	4,125,000		4,300,000	92,500
Partner Funding - W & S							-	
Article 46 Sales Tax Proceeds - Schools	1,755,746	1,825,976	1,899,015	1,974,975	2,053,976	2,136,133	9,890,075	12,032,787
Article 46 Sales Tax Proceeds - W & S	-						-	
Article 43 Transit Tax Proceeds		124,971					124,971	
State Revolving Loan Funds							-	
Financing:								
Debt Financing - County Capital	9,662,558	25,105,628	19,537,417	3,754,380	12,102,330	5,728,500	66,228,255	69,058,790
Debt Financing - W & S Utilities	-	145,000	1,365,000	115,000	945,000		2,570,000	
Debt Financing - Solid Waste	330,484	1,726,843	1,856,291	1,967,049	1,351,038	2,897,486	9,798,707	6,707,503
Debt Financing - Sportsplex				1,150,000			1,150,000	1,416,000
Debt Financing - Special Revenue Funds	-						-	
Debt Financing - E-9-1-1							-	
Debt Financing - Affordable Housing (Bond Pro	2,500,000	2,500,000					2,500,000	
Debt Financing - Schools (Bond Proceeds)	88,072,000		15,964,000		15,964,000		31,928,000	
Debt Financing - Durham Tech (Orange Co. Campus)					714,290	7,437,389	8,151,679	15,396,232
Debt Financing - Schools Capital	1,000,000	5,889,799	8,012,132	8,092,375	7,174,222	7,257,707	36,426,235	78,121,756
Debt Financing - 2/3 Net Debt Bonds (Schools)	3,856,336	2,043,664					2,043,664	
Total	109,388,486	42,130,216	56,906,217	19,930,141	46,736,218	27,955,077	193,657,868	196,337,378

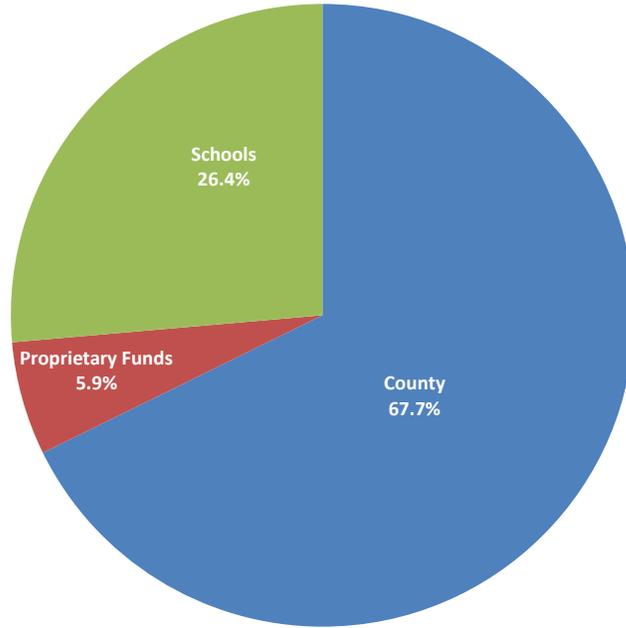
County Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations								
Affordable Housing Bond Projects	2,500,000	2,500,000					2,500,000	
Court Street Annex						100,000	100,000	188,600
Criminal Justice Resource Department @ Gateway		275,000					275,000	
Detention Facility	622,114	12,500,000	7,469,217				19,969,217	
Facility Accessibility and Security Improvements	30,000	114,500	171,500	150,000	25,000	74,000	535,000	
Generator Projects			130,000				130,000	
HVAC Projects	122,000	142,000	257,000		150,000		549,000	1,070,000
Link Center Up-Fit	175,000	50,000					50,000	
Main Branch Library - Remodel							-	1,200,000
Old Courthouse Square - Building/Grounds Impr.	85,000	20,000	220,000	410,000			650,000	
Orange County Southern Branch Library		5,625,000	750,000				6,375,000	
Orange County Transit - Bus Shelters		124,971					124,971	
Parking Lot Improvements		50,000		-			50,000	1,883,600
Roofing and Building Façade Projects	102,444	369,800	160,200	484,380	722,330		1,736,710	1,590,740
Southern Orange Campus Expansion	4,000,000		5,185,000				5,185,000	
Vehicle Replacements		689,328	700,000	700,000	700,000	700,000	3,489,328	3,500,000
Whitted Building							-	319,000
Information Technology Fiber Connectivity	1,160,000						-	2,091,350
Information Technologies Governance Council Initiati	510,000		500,000		500,000		1,000,000	1,500,000
Information Technologies Infrastructure	750,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
Register of Deeds Automation	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
Communication System Improvements	920,000	505,000					505,000	
Sheriff - Body Cameras		300,000					300,000	
EMS Substations	845,000	1,500,000			600,000	100,000	2,200,000	2,100,000
Orange County Radio/Paging System Upgrades		-	-	-	-		-	27,300,000
911 Center Improvements and Backup Capability							-	3,130,000
Blackwood Farm Park	100,000	1,795,000			870,000	3,102,000	5,767,000	
Bingham District Park						300,000	300,000	6,700,000
Cedar Grove Park Phase II			1,740,000				1,740,000	
Conservation Easements		1,000,000		1,000,000		1,000,000	3,000,000	2,000,000
Upper Eno Nature Preserve-Public Access Area				430,000			430,000	
Soccer.com Soccer Center Phase II	300,000		4,589,000				4,589,000	
Lands Legacy			500,000	500,000	500,000	500,000	2,000,000	2,500,000
Millhouse Road Park				300,000	6,400,000		6,700,000	
Mountains to Sea Trail		110,000	450,000	20,000			580,000	693,000
Hollow Rock Nature Park (New Hope Preserve)	10,000						-	165,000
Northeast District Park							-	8,000,000
Twin Creeks Park Campus Phase II				220,000	3,780,000		4,000,000	4,000,000
Little River Park Phase II			50,000		250,000		300,000	
Fairview Park Improvements	50,000		1,500,000		1,500,000		3,000,000	
Efland-Cheeks Community Center Upfit		100,000	1,000,000				1,100,000	
Parks and Rec Facility Renovations and Repairs	191,000	180,000	180,000	180,000	180,000	180,000	900,000	900,000
Total	12,552,558	28,530,599	26,131,917	4,974,380	16,757,330	6,636,000	83,030,226	73,731,290

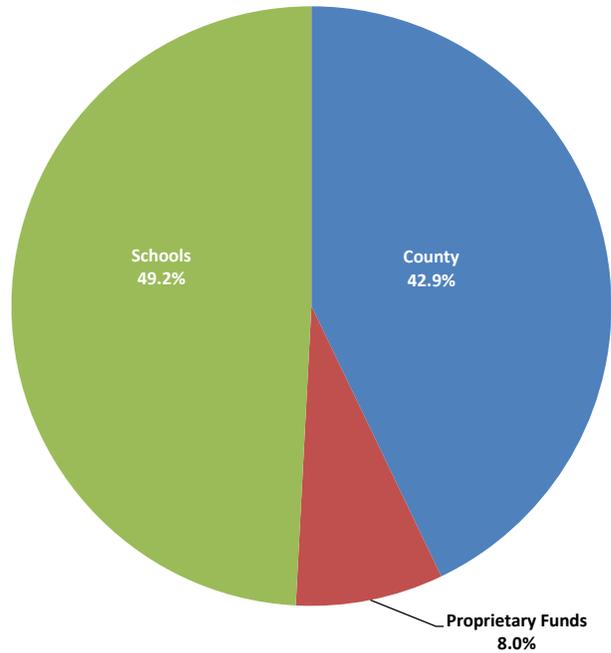
Projects	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Revenues/Funding Source								
Available Project Balances							-	
Transfer from Other Funds			100,000				100,000	
Transfer from General Fund	245,000	220,000	165,000	240,000	200,000	77,500	902,500	1,070,000
Transfer from Other Projects			100,000				100,000	
Register of Deeds Fees	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
User Fees/Donations							-	
County Capital Fund Balance							-	
Visitors Bureau Fund Balance							-	
Article 43 Transit Tax Proceeds		124,971					124,971	
9-1-1 Funds							-	600,000
State 9-1-1 Funds							-	
Medicaid Maximization Funds			3,629,500				3,629,500	
Grant Funding			315,000	250,000	250,000	250,000	1,065,000	1,250,000
Grant Funding from State/Fed for Parks		500,000	680,000	500,000		500,000	2,180,000	1,260,000
NCDEQ reimbursement Funds	50,000		1,500,000				1,500,000	
Contributions from Other Infrastructure Partners	15,000		25,000	150,000	4,125,000		4,300,000	92,500
Debt Financing - Affordable Housing Bond Proceeds	2,500,000	2,500,000					2,500,000	
Debt Financing - Special Revenue Funds							-	
Debt Financing - E-9-1-1							-	
Debt Financing	9,662,558	25,105,628	19,537,417	3,754,380	12,102,330	5,728,500	66,228,255	69,058,790
Total	12,552,558	28,530,599	26,131,917	4,974,380	16,757,330	6,636,000	83,030,226	73,731,290

**FY 2018-23 Orange County Capital Investment Plan Projects
County-Wide Summary - Appropriations**

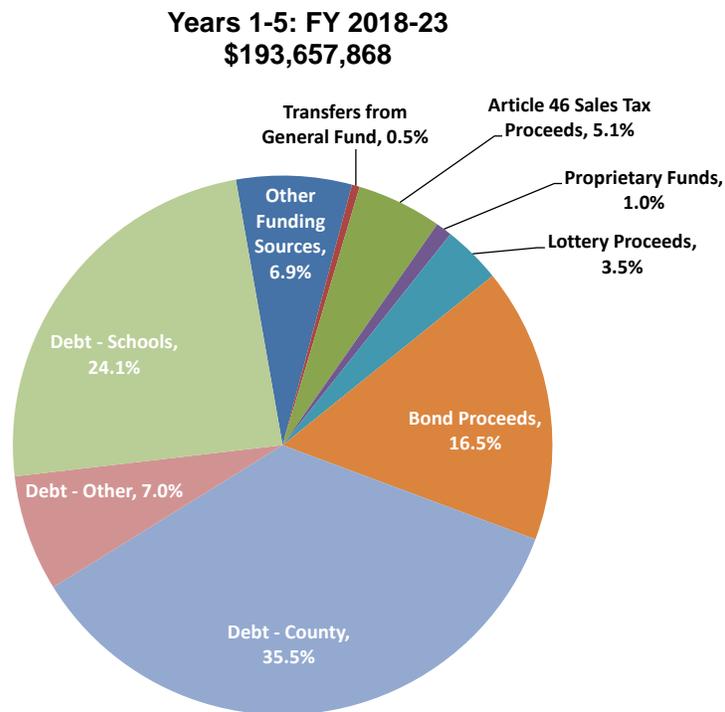
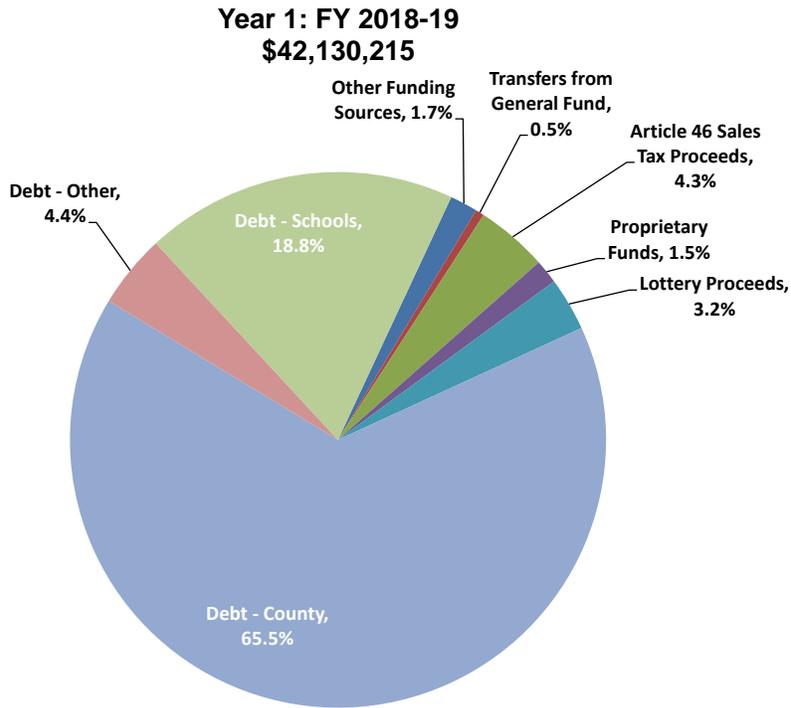
**Year 1: FY 2018-19
\$42,130,215**



**Years 1-5: FY 2018-23
\$193,657,869**



FY 2018-23 Orange County Capital Investment Plan Projects County-Wide Summary - Funding Sources



Note:

Other Funding Sources includes Available Project Balances, Register of Deeds Fees, Grants/Contributions, Article 43 Transit Tax Proceeds, Medicaid Maximization Funds, Partner Funding, User Fees/Donations, and Transfers from Other Capital Projects.

Transfers from General Fund includes transfers to Water and Sewer Utilities, Solid Waste.

Proprietary Fund includes Solid Waste Program Fees, Solid Waste Fund Balance and Sportsplex Fund Balance.

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

Water & Sewer Utilities Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations									
Buckhorn-Mebane EDD Phase 3		-	145,000	1,365,000	-	-	-	1,510,000	
Buckhorn-Mebane EDD Phase 4					115,000	945,000		1,060,000	
Total		-	145,000	1,365,000	115,000	945,000	-	2,570,000	
Revenues/Funding Source									
Transfer from General Fund		-							-
Transfer from Other Projects (30017)									-
General Fund - Debt Service Payments									-
Article 46 Sales Tax - Debt Service									-
EPA Special Appropriations Grant									-
Article 46 Sales Tax Proceeds		-							-
Partner Funding (Chapel Hill and Carrboro)									-
State Revolving Loan Funds									-
Debt Financing - Article 46 Sales Tax		-	145,000	1,365,000	115,000	945,000	-	2,570,000	-
Total		-	145,000	1,365,000	115,000	945,000	-	2,570,000	-
General Fund Related Operating Costs									
Personnel Services									-
Operations									-
Recurring Capital									-
New/Addtl Revenue									-
Total Operating Costs		-	-	-	-	-	-	-	-

Solid Waste Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations									
Environmental Support		116,484						-	
Sanitation - Equipment	909,953	214,000	251,790	531,246	521,904		395,052	1,699,992	2,011,526
Recycling - Vehicles and Equipment	4,455,927		493,597	1,325,045	815,145	1,351,038	1,327,530	5,312,355	4,159,266
High Rock Road Convenience Center ⁽¹⁾			676,428					676,428	
Ferguson Road Convenience Center				121,500	630,000			751,500	
Bradshaw Quarry Convenience Center							828,000	828,000	
Landfill - C & D Equipment							480,904	480,904	536,711
Sanitation Equip Parking Improvements			410,000					410,000	
Total	5,365,880	330,484	1,831,815	1,977,791	1,967,049	1,351,038	3,031,486	10,159,179	6,707,503
Revenues/Funding Source									
Solid Waste Funds	2,747,405		104,972	121,500			134,000	360,472	
Debt Financing	2,085,815	330,484	1,726,843	1,856,291	1,967,049	1,351,038	2,897,486	9,798,707	6,707,503
Grant	532,660							-	
Total	5,365,880	330,484	1,831,815	1,977,791	1,967,049	1,351,038	3,031,486	10,159,179	6,707,503
Solid Waste Fund Related Operating Costs									
Personnel Services		18,050	72,194	72,916	73,645	74,382	74,382	367,519	383,220
Operations			50,765	(15,000)	35,915	(27,377)	26,198	70,501	95,398
Recurring Capital		66,855	180,500	48,800	207,800	64,275	239,275	740,650	406,875
New/Addl Revenue								-	
Total Operating Costs	-	84,905	303,459	106,716	317,360	111,280	339,855	1,178,670	885,493

(1) Previously budgeted in FY 2017-18, but project has not started, so CIP reflects re-budgeting in FY 2018-19.

Sportsplex Capital Projects Summary
Fiscal Years 2018-23

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
<i>New Facilities Projects:</i>									
Field House Expansion Fitness section(1)	950,000							-	
Field House Sports and Recreation Section(1)	2,800,000							-	
Family Change room project (1a)	122,000	100,000						-	
Elevated Connector, Sportsplex to Field House (1b) Storage Facility	125,000		65,000					65,000	
New member locker/shower project (1c)								-	490,000
Fully conditioned (HVAC) Enclosure of soccer field (1d)								-	926,000
<i>Facility Maintenance/Replacement Items:</i>									
Parking Lot Repair/Repave (2)	150,000					75,000		75,000	
HVAC Contingency (12) FY2016-17 Completed	50,000		85,000			100,000		185,000	350,000
IT/Communications/Security Contingency (13)		50,000				50,000		50,000	50,000
Tilt up Panel (exterior wall system) (2)	100,000							-	
Major upgrade of Servers, Telephones (8)	35,000							-	125,000
Signage Upgrade (17)	25,000							-	30,000
Upgrade to High Efficiency Utility Mgmt. System					200,000			200,000	
Replace glass entry doors and install ADA access (19)			20,000	20,000					
<i>Kidsplex</i>									
Kidsplex Equipment Upgrade (10)		50,000				100,000		100,000	100,000
Outside Play Area (6)	45,000							-	
Inflatables (14)	30,000		25,000	5,000		5,000		35,000	25,000
<i>Ice Rink</i>									
Rink concrete ice floor repair (3) Completed								-	
Ice Rink Re-Build (4)					975,000			975,000	
Rink de-humidification /Ice Rink Munters (5)				125,000				125,000	
Major rebuild - compressors/chiller barrel (7)			100,000					100,000	75,000
Rink Scoreboard	20,000							-	
Rink Renovation: Boards; Lockers; Rubberized Floor					175,000			175,000	50,000
Ice Rink/Fitness Wall Repair Paint Project	40,000							-	75,000
<i>Fitness</i>									
Climbing Wall (1a)								-	
Equipment Upgrade/Replace (9) (\$100K Completed)	200,000		100,000		100,000		100,000	300,000	250,000
<i>Pool</i>									
Pool Lane Timer/Scoreboard Completed	15,000					40,000		40,000	
Pool pump/filter (11) Completed	57,000							-	
Pool wall reglaze (2)	125,000							-	
Boiler/Pumps (15)		75,000		50,000		25,000		75,000	100,000
Pools Replaster, Tile, Starter Blocks(16)		150,000				25,000		25,000	150,000
Pool Water Reclamation Project		40,000						-	
Engineering Study for Natatorium Project(18)			20,000					20,000	
Natorium Project (18)			80,000						320,000
Handicap Lift(s)			12,000						
Roof Asset Mgmt. Program (RAMP) recommendations									450,000
Total	4,889,000	465,000	507,000	200,000	1,450,000	420,000	100,000	2,677,000	3,566,000
Revenues/Funding Source									
Sportsplex Fund Balance	1,139,000	465,000	507,000	200,000	300,000	420,000	100,000	1,527,000	2,150,000
Debt Financing	3,750,000				1,150,000	-		1,150,000	1,416,000
Total	4,889,000	465,000	507,000	200,000	1,450,000	420,000	100,000	2,677,000	3,566,000
Impact on Operating Budget									
Personnel Services			80,000	160,000	190,000	220,000	250,000	900,000	1,400,000
Operations			225,000	409,760	404,000	439,540	475,080	1,953,380	2,625,300
Recurring Capital									
New/Add'l Revenue			(504,500)	(1,105,000)	(1,394,000)	(1,412,500)	(1,431,000)	(5,847,000)	(8,285,000)
Total			-	(199,500)	(535,240)	(800,000)	(752,960)	(705,920)	(2,993,620)

1. Project was re-scoped to create premier recreation facility adding courts and turf. Fitness space in Pool Mezzanine moved to Field House for construction synergies. All phases now consolidated to facilitate maximum construction logistics and cost efficiencies. Project broke ground in Nov. 2017. June 2018 completion date.

Field House sports/recreation area includes courts and turf for basketball, volleyball, pickleball, soccer, lacrosse, and proprietary RFP early childhood education programs (e.g. "Lil Kickers") plus Kidsplex pre/after school programs. NOTE: Projected annual incremental financial returns anticipated to cover the annual debt service required for this project. Land acquired and parking plan approved.

(1a) Combined Prior and Current year funding of \$222,000 to construct new Family Change Room. Construction to start June 2018 in space vacated when Kidsplex moves

(1b) Elevated enclosed connector from Sportsplex to Field House to maintain single secure access. Annual savings from staffing a dual entrance are \$80,000.

(1c) Increased members and participants will require expanded/upgraded change rooms. Of equal importance is separating adult fitness members from children swimmer

There may be unused funds available from the re-designed Field House project to escalate to move this project into a future earlier time frame.

(1d) Fully enclosing and conditioning the air for the soccer field would have significantly increased the cost of the Field House project. By building an outdoor turf field now some of the planned programming can still be implemented and determination of the cost/benefit to either just cover the field or fully enclose can be deferred.

(\$592,700 for open air shelter vs. \$926,200 for fully conditioned enclosure)

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

3. Rink floor repair completed and paid out of Operating Funds. Unused funds reallocated to help fund Family/Single User change areas.

4. Permafrost conditions shorten the useful lives of concrete ice rinks similar to how they impact northern road to an 18 year average useful life. 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. Cost revised downward from \$1,500,000 to \$975,000 using RFP Sand Floor proposal. Overall savings of Sand versus Concrete is in excess of \$1mil due to significantly shorter business interruption.

5. Key Munters components replacement in 2015 extending life to 25 years. Full replacement required in FY19-20.

6. Outside play area for Pre-school, After-school and camps.

7. Routine process to extend useful life by 5 years. Moved from FY16-17 to FY17-18 to better spread annual spending.

8. Building wide telephone/intercom scheduled to be completed with major building expansion. Deferred to 2017-18 and will be wired with IT/Security project incorporating Field House (item 13)

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. \$100,000K spent on cardio replacement. Strength equipment deferred to FY17-18 (June) when expanded fitness space is completed.

10. With growth in Kidsplex programs we expect more equipment needs plus increased wear from higher usage.

11. All filters replaced due to shell corrosion. Project completed with savings of \$43,000 from original budget using corrosion free fiberglass shells.

12. Contingency for HVAC equipment. Many units are over 20 years old. Average useful life is 15 years. Replacement of major cooling/heating unit serving change rooms completed January 2017.

13. Replace/upgrade servers, point of sale registers, entry security systems. (see also item (8)

14. Inflatables are a low cost way to generate party and event revenue. Will also be used for children's programs and camps. 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 of any class of commercial/industrial equipment. At end of life. Part of proposed Natatorium project.

16. Replaster required every 8 years. We are in year 11. Scheduled for May 2018 to work around busiest program weeks.

17. Signs will need to be relocated with Field House. (Deferred)

Schools Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects by School System	Fiscal Year 2016-17	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Chapel Hill Carrboro City Schools									
<i>Long Range Capital</i>									
Debt Financing - Capital Projects ⁽¹⁾	2,283,027		1,147,108	2,435,364	2,484,072	2,533,753	2,584,428	11,184,726	13,718,456
Lottery Proceeds ⁽²⁾	828,330	815,174	823,312	823,312	823,312	823,312	823,312	4,116,559	4,116,559
Article 46 Sales Tax Proceeds ⁽³⁾	903,670	1,055,203	1,108,367	1,152,702	1,198,810	1,246,763	1,296,633	6,003,276	7,303,903
Facility Improvements to Older Schools	600,900	601,000	607,000	607,000	607,000			1,821,000	
2/3 Net Debt Bonds		2,317,658	1,240,504					1,240,504	
Recurring Capital Items			1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,105,000
Deferred Maintenance Projects ⁽⁴⁾									31,515,493
Bond Referendum Projects ⁽⁵⁾		72,108,000						-	
Total	4,615,927	76,897,035	6,747,291	6,839,378	6,934,194	6,424,828	6,525,373	33,471,065	65,759,411
Orange County Schools									
<i>Long Range Capital</i>									
Debt Financing - Capital Projects ⁽¹⁾	1,516,319		742,691	1,576,768	1,608,303	1,640,469	1,673,279	7,241,510	8,881,967
Lottery Proceeds ⁽²⁾	528,032	541,188	533,050	533,050	533,050	533,050	533,050	2,665,251	2,665,251
Article 46 Sales Tax Proceeds ⁽³⁾	600,193	700,543	717,609	746,313	776,165	807,212	839,501	3,886,799	4,728,886
Facility Improvements to Older Schools	399,100	399,000	393,000	393,000	393,000			1,179,000	
2/3 Net Debt Bonds		1,538,678	803,160					803,160	
Recurring Capital Items			1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
Deferred Maintenance Projects ⁽⁴⁾									9,005,840
Bond Referendum Projects ⁽⁵⁾		15,964,000		15,964,000		15,964,000		31,928,000	
Total	3,043,644	19,143,409	4,368,510	20,392,131	4,489,518	20,123,731	4,224,830	53,598,720	31,176,944
Durham Tech Community College (Orange County Campus)									
<i>Long Range Capital</i>									
State Bond - County Match ⁽⁶⁾						714,290		714,290	
Construction/Expansion Project ⁽⁷⁾							7,437,389	7,437,389	15,396,232
Total	-	-	-	-	-	714,290	7,437,389	8,151,679	15,396,232
Total all Schools	7,659,571	96,040,444	11,115,801	27,231,509	11,423,713	27,262,849	18,187,592	95,221,462	112,332,587
Revenues/Funding Source									
General Fund (Pay-As-You-Go)	3,799,346	-							
Lottery Proceeds	1,356,362	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	1,503,863	1,755,746	1,825,976	1,899,015	1,974,976	2,053,975	2,136,134	9,890,075	12,032,787
Debt Financing - Durham Tech (Orange Co Campus)						714,290	7,437,389	8,151,679	15,396,232
Debt Financing - Bond Proceeds		88,072,000		15,964,000		15,964,000		31,928,000	
Debt Financing - 2/3 Net Debt Bonds		3,856,336	2,043,664					2,043,664	
Debt Financing - School Capital/Facility Improvements	1,000,000	1,000,000	5,889,799	8,012,132	8,092,375	7,174,222	7,257,707	36,426,235	78,121,756
Total	7,659,571	96,040,444	11,115,801	27,231,509	11,423,713	27,262,849	18,187,592	95,221,462	112,332,587

Note: School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need. The FY 2018-23 CIP is based on the most recent proposed SAPFO projections shared with the Board of County Commissioners in December 2017, scheduled to be certified in Spring 2018.

⁽¹⁾ Debt Financing is assumed to be utilized beginning in Year 1 for School Capital Projects instead of previously used Pay-As-You-Go funds; reflects a 2.0% annual growth throughout the 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⁾ Article 46 Sales Tax Proceeds reflect a 4.0% annual growth throughout the years of the CIP.

⁽⁴⁾ Includes deferred maintenance items related to the Facilities Assessment findings from both school systems; it does not include items/projects that add to school capacity.

⁽⁵⁾ Bond Referendum approved by voters in November 2016, with first issuance in Fall 2017, based on ADM at time of Bond Referendum approval.

⁽⁶⁾ Includes the County match for the Durham Technical Community College - Orange County Campus, based on the voter approved March 2016 State Bond.

⁽⁷⁾ Includes construction of a Health Technology Building (56,000 square foot) and surface parking of 250 spaces.

Active Capital Projects Summary - RECOMMENDED
No New Funding for Fiscal Years 2018-23 and Years 6-10

Projects	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations									
County Projects:									
Affordable Housing Land Banking	2,000,000							-	
Environment and Agriculture Center	300,000	3,384,500						-	
Government Services Center Annex		350,000						-	
Passmore Center Renovation	550,000							-	
Information Technology Broadband Connectivity		500,000						-	
River Park Phase II	400,000							-	
Cedar Grove Community Center		75,000						-	
Historic Rogers Road Community Center	650,000							-	
Total	3,900,000	4,309,500	-	-	-	-	-	-	-
Proprietary Projects:									
Central Efland/North Buckhorn Sewer Expansion	3,793,900							-	
Buckhorn EDD - Efland Sewer to Mebane	4,973,000							-	
Hillsborough EDD	1,150,000	380,000						-	
Eno EDD	1,435,000	490,000						-	
Historic Rogers Road Neighborhood Infrastructure	6,672,000							-	
Eubanks Road Waste & Recycling Facilities	3,145,858							-	
Roll Cart Distribution and Maintenance Building	165,000							-	
Alternative Waste Disposal	100,000							-	
Total	21,434,758	870,000	-	-	-	-	-	-	-
School Projects:									
Energy Efficiency/Lighting Improvements - OCS	239,918	20,000						-	
Vehicle Replacements - OCS	175,000	45,000						-	
Total	414,918	65,000	-	-	-	-	-	-	-
Grand Total	25,749,676	5,244,500	-	-	-	-	-	-	-
Revenues/Funding Source									
Available Project Balances								-	
Transfer from Other Funds								-	
Transfer from General Fund	1,687,519	75,000						-	
Additional PAYG (from Lottery Funds)		45,000						-	
Chapel Hill Reimbursement (43%)	426,560							-	
Carrboro Reimbursement (14%)	138,880							-	
Solid Waste Enterprise Funds	403,311							-	
Article 46 Sales Tax Proceeds	625,000	90,000						-	
State 9-1-1 Funds								-	
EPA Special Appropriations Grant	1,348,400							-	
State Revolving Loan Funds	2,351,899							-	
Debt Financing - Article 46 Sales Tax	6,581,400	780,000						-	
Debt Financing - 2/3 Net Debt Bonds		20,000						-	
Debt Financing - Solid Waste Enterprise Fund	3,007,547							-	
Debt Financing - County Projects	9,179,160	4,234,500						-	
Total	25,749,676	5,244,500	-	-	-	-	-	-	-

County Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations								
Affordable Housing Bond Projects	2,500,000	2,500,000					2,500,000	
Court Street Annex						100,000	100,000	188,600
Criminal Justice Resource Department @ Gateway		275,000					275,000	
Detention Facility	622,114	12,500,000	7,469,217				19,969,217	
Facility Accessibility and Security Improvements	30,000	114,500	171,500	150,000	25,000	74,000	535,000	
Generator Projects			130,000				130,000	
HVAC Projects	122,000	142,000	257,000		150,000		549,000	1,070,000
Link Center Up-Fit	175,000	50,000					50,000	
Main Branch Library - Remodel							-	1,200,000
Old Courthouse Square - Building/Grounds Impr.	85,000	20,000	220,000	410,000			650,000	
Orange County Southern Branch Library		5,625,000	750,000				6,375,000	
Orange County Transit - Bus Shelters		124,971					124,971	
Parking Lot Improvements		50,000		-			50,000	1,883,600
Roofing and Building Façade Projects	102,444	369,800	160,200	484,380	722,330		1,736,710	1,590,740
Southern Orange Campus Expansion	4,000,000		5,185,000				5,185,000	
Vehicle Replacements		689,328	700,000	700,000	700,000	700,000	3,489,328	3,500,000
Whitted Building							-	319,000
Information Technology Fiber Connectivity	1,160,000						-	2,091,350
Information Technologies Governance Council Initiati	510,000		500,000		500,000		1,000,000	1,500,000
Information Technologies Infrastructure	750,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
Register of Deeds Automation	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
Communication System Improvements	920,000	505,000					505,000	
Sheriff - Body Cameras		300,000					300,000	
EMS Substations	845,000	1,500,000			600,000	100,000	2,200,000	2,100,000
Orange County Radio/Paging System Upgrades		-	-	-	-		-	27,300,000
911 Center Improvements and Backup Capability							-	3,130,000
Blackwood Farm Park	100,000	1,795,000			870,000	3,102,000	5,767,000	
Bingham District Park						300,000	300,000	6,700,000
Cedar Grove Park Phase II			1,740,000				1,740,000	
Conservation Easements		1,000,000		1,000,000		1,000,000	3,000,000	2,000,000
Upper Eno Nature Preserve-Public Access Area				430,000			430,000	
Soccer.com Soccer Center Phase II	300,000		4,589,000				4,589,000	
Lands Legacy			500,000	500,000	500,000	500,000	2,000,000	2,500,000
Millhouse Road Park				300,000	6,400,000		6,700,000	
Mountains to Sea Trail		110,000	450,000	20,000			580,000	693,000
Hollow Rock Nature Park (New Hope Preserve)	10,000						-	165,000
Northeast District Park							-	8,000,000
Twin Creeks Park Campus Phase II				220,000	3,780,000		4,000,000	4,000,000
Little River Park Phase II			50,000		250,000		300,000	
Fairview Park Improvements	50,000		1,500,000		1,500,000		3,000,000	
Efland-Cheeks Community Center Upfit		100,000	1,000,000				1,100,000	
Parks and Rec Facility Renovations and Repairs	191,000	180,000	180,000	180,000	180,000	180,000	900,000	900,000
Total	12,552,558	28,530,599	26,131,917	4,974,380	16,757,330	6,636,000	83,030,226	73,731,290

Projects	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Revenues/Funding Source								
Available Project Balances							-	
Transfer from Other Funds			100,000				100,000	
Transfer from General Fund	245,000	220,000	165,000	240,000	200,000	77,500	902,500	1,070,000
Transfer from Other Projects			100,000				100,000	
Register of Deeds Fees	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
User Fees/Donations							-	
County Capital Fund Balance							-	
Visitors Bureau Fund Balance							-	
Article 43 Transit Tax Proceeds		124,971					124,971	
9-1-1 Funds							-	600,000
State 9-1-1 Funds							-	
Medicaid Maximization Funds			3,629,500				3,629,500	
Grant Funding			315,000	250,000	250,000	250,000	1,065,000	1,250,000
Grant Funding from State/Fed for Parks		500,000	680,000	500,000		500,000	2,180,000	1,260,000
NCDEQ reimbursement Funds	50,000		1,500,000				1,500,000	
Contributions from Other Infrastructure Partners	15,000		25,000	150,000	4,125,000		4,300,000	92,500
Debt Financing - Affordable Housing Bond Proceeds	2,500,000	2,500,000					2,500,000	
Debt Financing - Special Revenue Funds							-	
Debt Financing - E-9-1-1							-	
Debt Financing	9,662,558	25,105,628	19,537,417	3,754,380	12,102,330	5,728,500	66,228,255	69,058,790
Total	12,552,558	28,530,599	26,131,917	4,974,380	16,757,330	6,636,000	83,030,226	73,731,290

Affordable Housing Bond Projects

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Human Services	Proposed Bid Award Date:	TBD	New	X
Department:	Housing and Community Development	Starting Date:	TBD	Expansion	X
Project Number:	New	Completion Date:	TBD	Renovation	
				Replacement	

Project Description/Justification: Funding of \$2,500,000 in FY2017-18 and planned funding of \$2,500,000 for FY 2018-19 are for the bond referendum projects.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services								-	
Construction/Repairs/Renovations								-	
Land Acquisition		2,500,000	2,500,000					2,500,000	
								-	
Total Project Budget	-	2,500,000	2,500,000	-	-	-	-	2,500,000	-
Funding Sources									
Transfer from General Fund								-	-
Transfer from Other Projects								-	
Debt Financing								-	
Bond Proceeds		2,500,000	2,500,000					2,500,000	
								-	
Total	-	2,500,000	2,500,000	-	-	-	-	2,500,000	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	-
								-	
Total Operating Costs			-	-	-	-	-	-	-

Court Street Annex

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	7/1/22	Expansion	
Project Number:	10004	Completion Date:	6/30/25	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$100,000 in FY 2022-23 is for planned replacement of the main distribution panel and electrical circuits throughout the building, which is necessary to meet modern standards. Funding of \$17,500 in Years 6-10 is for professional services for interior renovations to the Court Street Annex facility that currently houses the Juvenile Justice and Adult Probation/Parole Offices. This renovation would upgrade the current facility to meet accessibility needs, security, and more effective use for the space available. Funding of \$171,100 in Years 6-10 would allow for these renovations to be implemented. The funding of \$17,500 in Years 6-10 will take into account the potential movement of the Detention Center and the subsequent master planning for this downtown site.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building								-	
Professional Services								-	17,500
Construction/Repairs/Renovations								-	125,000
Wayfinding Signage								-	2,500
Lift Upgrades, Cover & Signage								-	18,000
Furniture, Fixtures & Equipment								-	25,600
Electrical system improvements							100,000	100,000	
<i>Total Project Budget:</i>			-	-	-	-	100,000	100,000	188,600
Funding Sources									
Transfer from General Fund								-	
Transfer from Other Projects								-	
Debt Financing						-	100,000	100,000	188,600
<i>Total</i>			-	-	-	-	100,000	100,000	188,600
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Criminal Justice Resource Department @ Gateway

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	X
Department:	Asset Management Services	Starting Date:	7/1/18	Expansion	X
Project Number:	New	Completion Date:	6/30/19	Renovation Replacement	

Project Description/Justification: The Criminal Justice Resource Department is currently located in the lower level of the 1954 Courthouse. Recent program expansion has prompted the need for consolidated office space. The Register of Deeds space in the Gateway building has excess capacity because of advances in technology that require less physical storage space for books and records. This project repurposes this extra capacity for the Criminal Justice Resource Department, and adds a dry sprinkler system to protect sensitive historical land records.

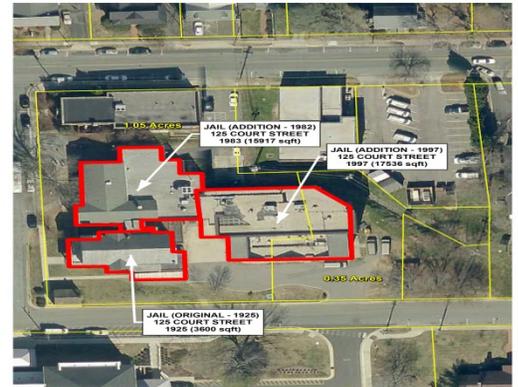
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building								-	
Professional Services			30,000					-	
Construction/Repairs/Renovations			245,000					-	
Total Project Budget:			275,000	-	-	-	-	-	-
Funding Sources									
Transfer from General Fund								-	
Transfer from Other Projects								-	
Debt Financing			275,000					275,000	
Total			275,000	-	-	-	-	275,000	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Detention Facility

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/18	Expansion	
Project Number:	10051	Completion Date:	6/30/20	Renovation	
				Replacement	X

Project Description/Justification: Funding of \$1,250,000 in prior years is included for architectural/engineering costs. The construction, equipment/furnishings, and other professional services costs are included in FY 2017-18 through FY 2019-20. This project includes a preliminary construction estimate for a facility capacity to house 144 detainees. The facility will be designed for expansion capability, if needed, up to approximately 250 detainees. The architect will conduct a staffing and operating cost analysis for different detention facility configurations as part of the Board's review of the schematic design of the facility. The County has conducted a master planning and site feasibility study on several potential sites including the existing Jail site, the site adjacent to the Justice Facility in downtown Hillsborough, and other sites around Hillsborough proximate to the justice facility. Results of this study were presented to the Board in January, 2018, and a site off of Highway 70 near Hillsborough was chosen as the location for a potential Northern County Campus that would include the Detention Center, Environment and Agriculture Center, and Parks Operation Base. Should the Board of Orange County Commissioners authorize the development this campus, a revised combined project will be presented to the Board consisting of the three primary uses.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building								-	
Professional Services	1,250,000	622,114						-	
Construction/Repairs/Renovations			12,500,000	7,112,624				19,612,624	
Equipment/Furnishings				356,593				356,593	
Total Project Budget	1,250,000	622,114	12,500,000	7,469,217	-	-	-	19,969,217	-
Funding Sources									
Transfer from General Fund								-	
Transfer from Other Projects								-	
Debt Financing	1,250,000	622,114	12,500,000	7,469,217	-	-		19,969,217	
Total	1,250,000	622,114	12,500,000	7,469,217	-	-	-	19,969,217	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Facility Accessibility, Safety and Security Improvements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	7/1/12	Expansion	
Project Number:	30001	Completion Date:	6/30/23	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$114,500 in FY2018-19 is for accessibility and security improvements as identified by the Space Study Work Group, Emergency Action Planning Work Group, BOCC initiatives, and the Facilities Accessibility Self Assessment. These initiatives include adding way finding and warning signage, such as the "No Weapons" signage, providing security cameras in multiple facilities including the Historic Courthouse and the Orange County Fuel Station, fire alarm system upgrades at the Court Street Annex, Orange Public Transportation Administrative Building, and Chapel Hill Visitors' Center, and replacing a wheelchair lift at Central Recreation. Funding in FY2019-20 includes automated access doors at Skills Development, Animal Services, and other facilities and the purchase and installation of AED units and cabinets at appropriate county facilities. The accessibility need at the Visitors' Center is intended to replace the current access pathway from the Skills Development parking area.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Accessibility Improvements - Facility Wide			27,500	27,500		25,000	25,000	105,000	-
Way finding, Warning, and Identification Signage									
-Whitted facility step, curb and rail repair	75,000								-
-Historic Courthouse accessibility projects	40,000								-
Security door access and camera installation- multiple facilities	75,000	30,000	30,000	30,000	30,000		25,000	115,000	
Single Occupancy Restroom Renovations at five (5) County facilities	105,000								-
Sidewalk Construction on the County-owned property near the Hillsborough Visitors Center	24,000								-
Fire alarm system improvements/ replacement - Historic Courthouse	25,000								-
Elevator improvements - Historic Courthouse	60,000								-
Wheelchair Lift replacement - Central Recreation			32,000						32,000
Safety Improvements - Install AEDs at multiple facilities				30,000					30,000
Fire alarm system design and installation - Efland Community Center, OPT (former AMS N), Court Street Annex	10,000		25,000					25,000	-
Fire alarm system upgrades - Whitted, Link, Skills, 501 W Franklin					120,000			120,000	
Automated Access Doors	25,000			24,000			24,000	48,000	
Visitors Bureau (Chapel Hill) - Accessibility Ramp/Lift				60,000				60,000	
Total Project Budget:	439,000	30,000	114,500	171,500	150,000	25,000	74,000	535,000	-
Funding Sources									
Transfer from General Fund	310,000					25,000		25,000	-
Transfer from Other Projects									-
Debt Financing	129,000	30,000	114,500	171,500	150,000		74,000	510,000	-
Total	439,000	30,000	114,500	171,500	150,000	25,000	74,000	535,000	-

Generator Projects

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/15	Expansion	
Project Number:	30013	Completion Date:	7/1/20	Renovation Replacement	

Project Description/Justification: There are no funds requested in FY2018-19. Funding of \$130,000 in FY2019-20 includes a generator to be installed at the Piedmont Food & Ag Center due to large scale commercial food operations. This generator would support the entire facility, which could be used during utility loss.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services	30,000			5,000				5,000	
Construction/Repairs/Renovations									-
Equipment/Furnishings									-
-Seymour Center									-
-Hillsborough Commons	100,000								-
-Animal Services Center	100,000								-
-Cedar Grove Community Center	75,000								-
-Efland Cheeks Community Center	50,000								-
-Rogers Road Community Center	50,000								-
-Jerry M. Passmore Center	100,000								-
-Piedmont Food & Ag Center				125,000				125,000	
Total Project Budget	505,000	-	-	130,000	-	-	-	130,000	-
Funding Sources									
Transfer from General Fund	30,000								-
Transfer from Other Projects				-					-
Debt Financing	475,000			65,000				65,000	
Grant Funding				65,000				65,000	
Total	505,000	-	-	130,000	-	-	-	130,000	-
Impact on Operating Budget									
Personnel Services									-
Operations									-
Recurring Capital									-
New/Add'l Revenue									-
Total Operating Costs				-	-	-	-	-	-

HVAC Projects

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	1/8/15	Expansion	
Project Number:	30018	Completion Date:	Ongoing	Renovation	
				Replacement	X

Project Description/Justification: Funding of \$142,000 in FY2018-19 is for HVAC improvements/replacements. The Year 2 controls upgrade request resulted from the technology advancement made available to the County in spring FY16-17. This replaces our current control system that will not be supported by the vendor after 2019.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Humidity Impact Study - Justice, Link, ES, Controls Upgrade for Multiple Facilities			25,000	95,000				120,000	
Construction/Repairs/Renovations	617,223								
Community Geothermal (DA Bld, Jail, Historic Courthouse, CSA) Link Center	1,709,200								100,000
Elland Cheeks CC HVAC Replacement	20,000								
Battle Courtroom geo-thermal HVAC	50,000								
Hillsborough Commons - equipment replacement	75,000								100,000
501 W Franklin (Visitors Center) - equipment replacement		75,000							
503 W Franklin (SDC) - equipment replacement	52,500								
Whitted Human Services Center Central Recreation Building	150,000					150,000		150,000	
Public Defender's Office - equipment replacements				150,000				150,000	
Emergency Services - Sub Station #1 - equipment replacements			20,000					20,000	
Emergency Services Communications Tower - equipment replacements			12,000					12,000	
Emergency Services Elland Rescue				12,000				12,000	
Emergency Services 510 Meadowlands									200,000
Orange Public Transportation - equipment replacement									25,000
Dickson House - equipment replacement		12,000							
Rogers Road Community Center									20,000
Piedmont Food & Ag Processing Center									225,000
Gateway Center									225,000
AMS Motor Pool Facility & Storage Facility			85,000					85,000	
Robert & Pearl Seymour Center (Replace Roof Top Units 2 & 7 Only)		35,000							115,000
WCOB - backup for cooling system for IT room, c/w notification system, FY20-21 replacement of all other equipment	35,000								
	2,708,923	122,000	142,000	257,000	-	150,000	-	549,000	1,070,000
Funding Sources									
Transfer from General Fund	617,223								
Transfer From Other Projects									
Grant Funding ECCBG									
Debt Financing	2,091,700	122,000	142,000	257,000		150,000		549,000	1,070,000
Total	2,708,923	122,000	142,000	257,000	-	150,000	-	549,000	1,070,000
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs	-	-	-	-	-	-	-	-	-

Link Center Up-Fit

Project Category:	County Capital	Project Status:	New	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/18	Expansion	
Project Number:	30035	Completion Date:	6/30/19	Renovation	X
				Replacement	

Project Description/Justification: In March 2018, the Board approved renovations to the lower level of the John Link Jr. Government Services Center to house the Public Defender resulting in a loss of meeting space at this facility. Funding of \$50,000 in FY2018-19 would allow for renovations to the first floor of the John Link Jr. Government Services Center by improving the existing meeting spaces with upgraded Audio Visual equipment and furnishings. The County owned 129 E. King Street facility that currently houses the Public Defender will become surplus property and subject of disposition by the Board of County Commissioners.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building								-	
Professional Services		15,000						-	
Construction/Repairs/Renovations		140,000	50,000					50,000	
Equipment/Furnishings		20,000						-	
<i>Total Project Budget</i>	-	175,000	50,000	-	-	-	-	50,000	-
Funding Sources									
Transfer from General Fund		15,000						-	
Available Project Balances								-	
Debt Financing		160,000	50,000					50,000	
<i>Total</i>	-	175,000	50,000	-	-	-	-	50,000	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Main Branch Library Remodel

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	7/1/22	Expansion	
Project Number:	New	Completion Date:	6/30/24	Renovation	X
				Replacement	

Project Description/Justification: There is no funding in FY2018-19 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 Main 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.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building								-	
Professional Services			-					-	95,000
Construction/Repairs/Renovations				-				-	880,000
Equipment/Furnishings								-	225,000
Total Project Budget	-	-	-	-	-	-	-	-	1,200,000
Funding Sources									
Transfer from General Fund			-	-	-	-		-	
Available Project Balances								-	
Debt Financing				-	-	-		-	1,200,000
Total	-	-	-	-	-	-	-	-	1,200,000
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Old Courthouse Square – Building and Grounds Improvements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	7/1/16	Expansion	
Project Number:	10061	Completion Date:	6/30/21	Renovation	X
				Replacement	

Project Description/Justification: The FY2018-19 funding request is for the start of the architectural and structural engineering services to design the upcoming renovations proposed in future years. The FY2019-20 funding request addresses exterior restoration items and necessary structural repairs. FY 2020-21 funding will address site work that must be carried out after exterior restoration is complete, including foundation drainage, sidewalk restoration/ADA modifications, landscaping, improved lighting, new public seating and landscape plantings as per site master plan. This addresses interior restoration of historic features, enhancements to accessibility and safety, and necessary upgrades to electrical, audiovisual and lighting to meet court requirements. All work must be sequenced and planned to coordinate with court schedules and requirements.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
<i>Land/Building</i>									-
<i>Professional Services</i>									-
Archaeological Survey PH 1	6,000								-
Cultural Assessment/Historic Research Report	34,000								-
Landscape Architect / Site Master Plan, Public Process		45,000							-
Archaeological Phase 2		20,000							-
Architect / Structural Engineer		20,000	20,000	20,000	20,000			60,000	-
<i>Exterior Construction/Repairs/Renovations</i>									-
Site Work/Removal of Foundation plantings				10,000				10,000	-
Brick Restoration				80,000				80,000	-
Structural Corrections for Roof System & SE corner				50,000				50,000	-
Portico brick paving and stonework restoration				25,000				25,000	-
Repair/Restoration of 1930's WPA stone sidewalks; ADA modifications					40,000			40,000	-
Foundataion and site drainage improvements				35,000				35,000	-
Landscape Infrastructure & Hardscape improvements					60,000			60,000	-
Landscape plantings					50,000			50,000	-
<i>Interior Restoration / Renovations</i>									-
Finish Carpentry, storm window renovation, Acoustic treatment, stair renovations, lighting, signage					120,000			120,000	-
<i>Equipment/Furnishings</i>									-
Communications, media, audio visual improvements					100,000			100,000	-
Courtroom Tables & Seating Improvements					20,000			20,000	-
Total Project Budget:	40,000	85,000	20,000	220,000	410,000	-	-	650,000	-
Funding Sources									
Transfer from General Fund	40,000	85,000	20,000		20,000	-		40,000	-
Transfer from Other Projects								-	-
Grant Funding and Donations								-	-
Debt Financing				220,000	390,000			610,000	-
Total	40,000	85,000	20,000	220,000	410,000	-	-	650,000	-
Impact on Operating Budget									
Personnel Services									-
Operations									-
Recurring Capital									-
New/Add'l Revenue									-
Total Operating Costs	-	-	-	-	-	-	-	-	-

Orange County Southern Branch Library

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/18	Expansion	
Project Number:	10050	Completion Date:	6/30/20	Renovation Replacement	

Project Description/Justification: Planned funding of \$5,625,000 in FY 2018-19 is for design and construction costs for new Southern Branch location, which will replace the Cybrary and McDougle facilities. The BOCC approved an agreement with the Town of Carrboro to collaborate on a building project, which the library would be a tenant with various Town functions. Based on this colocation, space needs will be re-evaluated to take advantage of potential space efficiencies. Updated capital and operating cost estimates will be based on the actual schematic and market based costs forecasts in collaboration with design, operations, engineering, and construction cost estimating firms.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
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	1,172,500	-	5,625,000	750,000	-	-	-	6,375,000	-
Funding Sources									
Transfer from General Fund								-	-
Available Project Balances	264,000							-	
Debt Financing	908,500	-	5,625,000	750,000	-	-	-	6,375,000	
Total	1,172,500	-	5,625,000	750,000	-	-	-	6,375,000	-
Impact on Operating Budget									
Personnel Services				304,703	457,054	457,054	457,054	1,675,865	2,285,270
Operations				82,500	165,000	165,000	165,000	577,500	825,000
Recurring Capital	-		-					-	
New/Add'l Revenue								-	
Total Operating Costs		-	-	387,203	622,054	622,054	622,054	2,253,365	3,110,270

Orange County Transit Plan Implementation – Bus Shelters

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/18	Expansion	
Project Number:	New	Completion Date:	6/30/19	Renovation Replacement	

Project Description/Justification: The Orange County Transit Plan, updated in April 2017, includes bus stop improvements for Orange County Public Transportation (OCPT) through the ½ cent public transit sales tax. During FY 2018-19, \$124,971 will be made available to design, engineer, and install up to five bus shelters on OCPT routes. An Orange County staff team, with assistance from GoTriangle is considering the highest ridership stops for improvements. Sites presently being considered include Faucette Mill Rd/US 70; Rainey St./US 70; Hampton Point/New NC 86 (2-shelters, one on each side of New NC 86); and at two stops on Martin Luther King Boulevard in Chapel Hill. These stops are located on either the Hillsborough Circulator or the Orange-Chapel Hill Connector OCPT routes. The transit shelter includes a bench and shelter, and can be equipped with solar lighting for any to be located in low-light areas.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Design Services			7,463					7,463	
Pre and Post Engineering			11,623					11,623	
Equipment & Construction			105,885					105,885	
<i>Total Project Budget:</i>			124,971	-	-	-	-	124,971	-
Funding Sources									
Transfer from General Fund								-	
Transfer from Other Projects								-	
Debt Financing								-	
1/2-cent Public transit sales tax			124,971					-	
<i>Total</i>			124,971	-	-	-	-	124,971	-
Impact on Operating Budget									
Personnel Services									
Operations			2,500	2,500	2,500	2,750	2,750	13,000	15,000
Recurring Capital									
New/Add'l Revenue								-	
<i>Total Operating Costs</i>			2,500	2,500	2,500	2,750	2,750	13,000	15,000

Parking Lot Improvements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	07/01/15	Expansion	
Project Number:	30029	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding requested in FY2018-19 is for asphalt repairs, gravel and site work necessary to improve safety and capacity for the Sheriff's Office and OCPT vehicle fleets at the Motor Pool facility. This includes improvements to the evidence storage area managed by the Sheriff's Office. Funding in Years 6-10 is designated for painting and remarking of multiple parking lots, for boxing in the recycle and waste containers located in the back of the Skills Development Lot, repairs to the ENO River Parking Deck and Passmore/Adult Day Center, as well as \$1,500,000 designated to provide major parking and circulation improvements for the planned increase in OCPT bus units.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building									
Construction/Repairs/Renovations									
Striping & Painting Multiple Facilities									15,000
Government Services Annex/Link Ctr								-	
District Attorney Building								-	
Efland- Cheeks Community Center					-			-	
AMS North/OPT			50,000			-		50,000	1,500,000
501/503 W Franklin St	120,000							-	25,000
EMS Station-Revere Road								-	
Passmore/Adult Day						-		-	125,000
ENO River Parking Deck								-	18,600
<i>Total Project Budget:</i>	120,000	-	50,000	-	-	-	-	50,000	1,683,600
Funding Sources									
Transfer from General Fund			50,000					50,000	
Transfer from Other Projects								-	
Debt Financing	120,000				-	-	-	-	1,683,600
<i>Total</i>	120,000	-	50,000	-	-	-	-	50,000	1,683,600
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									-
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-

Roofing and Building Facade Projects

Project Category:	County Capital	Project Status:	Active	Project Type
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New
Department:	Asset Management Services	Starting Date:	01/08/15	Expansion
Project Number:	30002	Completion Date:	Ongoing	Renovation X
				Replacement X

Project Description/Justification: This project is a combination of building roof replacements and building façade repairs. The Roof Asset Management Plan was updated in FY 2016-17. Building envelope/facade systems include exterior walls, cladding, windows, doors, foundations and associated components. The purpose of this project is to provide resources for systematic operation and identification of any remedial action that may be needed in order to cost-effectively maximize the useful life of the building envelopes of County facilities. Any needed remedial activity would be listed and prioritized via a building envelope/façade study initially being requested in FY2018-19. FY 2018-19 funding includes the comprehensive facility facade study as well as needed attention at the Central Recreation Building, AMS North Motor Pool Facility, and the John Link Jr. Government Services Center. This facade study will inform the long range facade plan.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2021-22	Five Year Total	Year 6 to Year 10
Expenses									
Building Envelope / Façade Study			22,000					22,000	
Construction/Repairs/Renovations	1,433,100							-	
129 King (Large Metal Roof Sector #3)								-	100,000
Court Street Annex	75,000							-	
Jail (1997 Addition) 3 sectors	158,000							-	146,000
Justice Facility (New Courthouse) - Two flat roofs	35,000							-	
Justice Facility (Sheriff's Office) - Waterproof Wall @ Boiler Room								-	85,000
Cadwallader Jones Historic Law Office								-	5,700
Historic Courthouse (Roof and Cupola Sections)								-	256,250
Hillsborough Visitors' Center (Dickson House) Windows						6,200		6,200	256,250
Hillsborough Visitors' Center (Dickson House) Siding, Shutters, Roofing								-	23,540
Hillsborough Commons (DSS, Orange Works) Skylights					276,460			276,460	256,250
Hillsborough Commons (DSS) Water proofing south side of building								-	60,000
501 W. Franklin (Roof & Slate Sections)		51,744						191,310	
501 W. Franklin (Bay Window - Front)						191,310		191,310	88,000
503 W. Franklin (Skills Development Center - 9 sectors)	85,000						195,800	195,800	
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			152,800					152,800	
AMS North Fuel Station								-	16,300
Emergency Services (510 Meadowlands) IT room insulation				5,900				5,900	2,500
Emergency Services (510 Meadowlands) Window Replacement								-	35,000
ES Station-Revere Road								-	39,450
ES Communication Tower (Eno Mtn)								-	2,500
Whitted Government Services Building A		38,400		111,300		237,020		348,320	
Whitted Government Services Building B		12,300				92,000		92,000	218,000
Blackwood Farm House	16,225							-	
Cate Farm House (Twin Creeks)	20,625							-	
Efland Community Center (main building)	30,000							-	
Efland Rescue, Mt. Willing Road				12,000				12,000	
Environment & Agriculture Center (Included in separate CIP project)								-	
John Link Jr. Gov. Services Center. Water proofing exterior walls and stone band, and roof replacement, partial window replacement.			150,000		207,920			357,920	
DA Building (sector 2)	12,000							-	
Central Recreation	194,700		45,000					45,000	
Southern Human Services (Included in separate CIP project)								-	
Millhouse Road Parks Office Administration				31,000				31,000	
Cedar Grove Community Center (Reroofed during renovations 2016)								-	
1954 Courthouse (courtroom EPDM, 4,800 sf, 4 other sectors)	124,160							-	
Battle Courtroom (2 sectors)	100,000							-	
Total Project Budget	2,345,810	102,444	369,800	160,200	484,380	722,330	-	1,736,710	1,590,740
Funding Sources									
Transfer from General Fund	1,550,100							-	
Transfer from Other Projects								-	
Debt Financing	795,710	102,444	369,800	160,200	484,380	722,330	-	1,736,710	1,590,740
Total	2,345,810	102,444	369,800	160,200	484,380	722,330	-	1,736,710	1,590,740
Impact on Operating Budget									
Personnel Services								-	-
Operations								-	-
Recurring Capital								-	-
New/Add'l Revenue								-	-
Total Operating Costs	-	-	-	-	-	-	-	-	-

Southern Campus Expansion

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/11	Expansion	X
Project Number:	10052	Completion Date:	7/1/21	Renovation	
				Replacement	

Project Description/Justification: Southern Orange Campus Expansion combines three current projects - - Southern Campus Expansion, Southern Human Service Center Expansion, and Seymour Center Renovations / additional parking. This combination provides heightened safety, construction efficiency and cost effectiveness. The project includes an expanded Commissioner's meeting facility, a dental clinic, expanded health and human service areas, Seymour Center programmable space and expanded parking. The addition of dental clinic space in this facility fulfills the County's commitment to provide dental services in Southern Orange County. The replacement of the Southern Human Services Center (SHSC) roof has been included within this project, if funding is not appropriated for this project, the SHSC roof will be added to the roofing projects for replacement in FY2019-20.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services - Design	75,000							-	
SHSC	300,000							-	
Seymour Center Modifications	100,000							-	
Campus Site		400,000						-	
Construction/Repairs/Renovations	-							-	
SHSC				5,185,000				5,185,000	
Seymour Center Modifications	585,000							-	
Campus Site		3,600,000						-	
Seymour Additional Parking	270,000							-	
Health Clinic & DSS Renovations	180,000							-	
Proposed for emergency HVAC rooftop replacement	75,000							-	
Site Master Plan	400,000							-	
Equipment/Furnishings	35,000							-	
Total Project Budget	2,020,000	4,000,000	-	5,185,000	-	-	-	5,185,000	-
Funding Sources									
Transfer from General Fund	-	-	-	-	-	-	-	-	-
Medicaid Maximization Funds				3,629,500				3,629,500	
Transfer from Other Projects								-	
Debt Financing	2,020,000	4,000,000	-	1,555,500				1,555,500	
Total	2,020,000	4,000,000	-	5,185,000	-	-	-	5,185,000	-
Impact on Operating Budget									
Personnel Services					40,884	40,884	40,884	122,652	204,420
Operations					58,700	58,700	58,700	176,100	293,500
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs	-	-	-	-	99,584	99,584	99,584	298,752	497,920

Vehicle Replacements

Project Category:	County Capital	Project Status:		Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	X
Department:	Asset Management Services	Starting Date:	7/1/18	Expansion	
Project Number:	New	Completion Date:	On-going	Renovation	
				Replacement	

Project Description/Justification: Funding of \$689,328 includes replacement of several public safety related vehicles. Funds of \$700,000 in the subsequent years includes replacement of various vehicles county-wide.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services								-	
Construction/Repairs/Renovations								-	
Vehicle Replacements			689,328	700,000	700,000	700,000	700,000	3,489,328	3,500,000
<i>Total Project Budget:</i>	-	-	689,328	700,000	700,000	700,000	700,000	3,489,328	3,500,000
Funding Sources									
Transfer from General Fund								-	
Register of Deeds Fees								-	
Debt Financing			689,328	700,000	700,000	700,000	700,000	3,489,328	3,500,000
<i>Total</i>	-	-	689,328	700,000	700,000	700,000	700,000	3,489,328	3,500,000
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Whitted Building Complex

Project Category:	County Capital	Project Status:	New	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/12	Expansion	X
Project Number:	10028	Completion Date:	6/30/20	Renovation	X
				Replacement	

Project Description/Justification: Funding in Years 6-10 includes necessary site and storm water management improvements in the rear area of the Whitted Campus. The scope includes a facility waste container corral, site drainage improvements, gravel parking lot improvements, back stair step / sidewalk improvements, fencing repairs, and required signage.



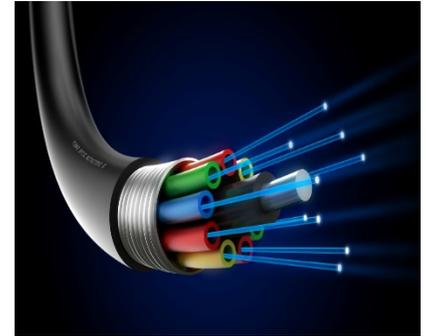
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building									
Professional Services - Design work	100,000							-	26,000
Construction/Repairs/Renovations	1,400,000							-	293,000
Generator upgrade/replacement	200,000							-	
Replacement of exterior doors/storefronts	70,000							-	
Additional controlled access doors	25,000							-	
Total Project Budget:	1,795,000	-	-	-	-	-	-	-	319,000
Funding Sources									
Transfer from General Fund	100,000							-	
Transfer from Other Projects								-	319,000
Debt Financing	1,695,000							-	
Total	1,795,000	-	-	-	-	-	-	-	319,000
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue								-	-
Total Operating Costs	-	-	-	-	-	-	-	-	-

Information Technologies Fiber Connectivity

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	Feb 2018	New	
Department:	Information Technology	Starting Date:	May 2018	Expansion	X
Project Number:	30007	Completion Date:	May 2019	Renovation	
				Replacement	

Project Description/Justification: Funding in FY2017-18 included \$1,160,000 in fiber connectivity within the Town of Hillsborough, and \$2,091,350 in funding in Years 6-10 for expansion county-wide.



During FY 2016-17, Information Technologies undertook a fiber inventory and assessment project by hiring a fiber needs assessment consultant to estimate how much it would cost to run fiber to those county facilities currently supplied by Time Warner with network connections which are billed monthly at approximately \$17,000 per month. The fiber backbone envisioned as a part of this project will extend from Cedar Grove to Carrboro and run east west from Efland to potential economic development zones to the east along Highway 70. After connecting county facilities, any excess fiber could be offered to other units of government, government agencies, schools and businesses as a means of maintenance cost sharing. This fiber request also may be offset with potential construction cost sharing agreements with the Town of Hillsborough and other partners.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services									
Equipment								-	
Fiber Connectivity	60,000	1,160,000						-	2,091,350
Total Project Budget	60,000	1,160,000	-	-	-	-	-	-	2,091,350
Funding Sources									
Transfer from General Fund	60,000	-						-	-
Transfer from Other Projects								-	
Funding from Partners								-	
Debt Financing		1,160,000						-	2,091,350
Total	60,000	1,160,000	-	-	-	-	-	-	2,091,350
Impact on Operating Budget									
Personnel Services									
Operations			(15,706)	(15,706)	(15,706)	(15,706)	(15,706)	(78,530)	(366,790)
Recurring Capital									
New/Add'l Revenues								-	
Total Operating Costs	-	-	(15,706)	(15,706)	(15,706)	(15,706)	(15,706)	(78,530)	(366,790)

Information Technologies Governance Council Initiatives

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Information Technology	Starting Date:	N/A	Expansion	X
Project Number:	30007	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification: This project funds technology related initiatives recommended through the Information Technology Governance Council (ITGC). Examples of prior year initiatives were the following: Crisis Damage Assessment Application, Sheriff's Office and Jail Video technology, Electronic Health Record and Billing software, Laserfiche Licensing upgrade, Automatic Vehicles locators for Animal Services, and Fleet Maintenance software.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services									
Library Management Systems Software	250,000								
Central Permitting System	800,000								
IT Governance Council Initiatives	878,100	510,000		500,000		500,000		1,000,000	1,500,000
Total Project Budget	1,928,100	510,000	-	500,000	-	500,000	-	1,000,000	1,500,000
Funding Sources									
Transfer from General Fund								-	-
Transfer from Other Projects								-	-
Available Project Balance								-	-
Debt Financing	1,928,100	510,000	-	500,000	-	500,000	-	1,000,000	1,500,000
Total	1,928,100	510,000	-	500,000	-	500,000	-	1,000,000	1,500,000
Impact on Operating Budget									
Personnel Services									
Operations								-	-
Recurring Capital								-	-
New/Add'l Revenues								-	-
Total Operating Costs	-	-	-	-	-	-	-	-	-

Information Technologies Infrastructure

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Information Technology	Starting Date:	N/A	Expansion	X
Project Number:	30007	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification: Funding in FY2018-19 includes \$450,000 in infrastructure components related to server upgrades, desktop and laptop replacements, data storage, network improvements, printer replacements, and deployment of wireless capabilities. This project also includes \$50,000 in Board of Commissioners technology initiatives.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services									
Equipment/Furnishings - Infrastructure	6,171,613	700,000	450,000	450,000	450,000	450,000	450,000	2,250,000	2,250,000
BOCC Initiatives	250,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000
<i>Total Project Budget</i>	6,421,613	750,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
Funding Sources									
Transfer from General Fund	3,619,113	50,000	50,000	50,000	50,000	50,000	50,000	250,000	250,000
Transfer from Other Projects								-	-
Available Project Balance	200,000							-	-
Debt Financing	2,602,500	700,000	450,000	450,000	450,000	450,000	450,000	2,250,000	2,250,000
<i>Total</i>	6,421,613	750,000	500,000	500,000	500,000	500,000	500,000	2,500,000	2,500,000
Impact on Operating Budget									
Personnel Services									
Operations								-	-
Recurring Capital								-	-
New/Add'l Revenues								-	-
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-

Register of Deeds Automation

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	N/A	Expansion	
Project Number:	30009	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification: Funding of \$80,000 in each fiscal year throughout the plan 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 revenue collected and retained by the County in a nonreverting Automation Enhancement and Preservation Fund.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services									
Construction/Repairs/Renovations									
Equipment/Furnishings	1,175,514	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
Total Project Budget	1,175,514	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
Funding Sources									
Transfer from General Fund									
Register of Deeds Fees	1,175,514	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
Debt Financing									
Total	1,175,514	80,000	80,000	80,000	80,000	80,000	80,000	400,000	400,000
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs			-	-	-	-	-	-	-

Communication System Improvements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Public Safety	Proposed Bid Award Date:	TBD	New	X
Department:	Emergency Services	Starting Date:	N/A	Expansion	
Project Number:	30061	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification: A consistent radio platform ensures integration and reliability of the radios used by first responders. The replacement process was initiated in 2004. In FY 17-18 \$920,000 was allocated to replace the most outdated mobiles and portables in the Sheriff's Office. Phase I has been completed. Currently, the Sheriff's Office still has 76 mobiles and 55 portables that are to be replaced in Phase II of this project, along with miscellaneous equipment, such as, encryption, bluetooth and special mikes for tactical and special teams. Municipal partners will be engaged to discuss cooperative purchase that may bring the cost of these radios for all agencies below the State contract price.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
OSSI-CAD Replacement	589,875								
Multi-Band Radios	561,077	920,000	505,000					505,000	
NextGen Phone System	349,573								
9-1-1 Call Taker and Dispatch Software:									
*Emergency Police Dispatch	107,038								
*Emergency Fire Dispatch	107,038								
P25 Compliant Radio Consoles (E-9-1-1)	832,268								
P25 Compliant Radios (County & Rural Fire Districts)	150,000								
Total Project Budget	2,696,868	920,000	505,000	-	-	-	-	505,000	-
Funding Sources									
Transfer from General Fund	193,474								
From 9-1-1 Funds - Debt Service									
From 9-1-1 Funds	716,504								
Grant Funds - State E911 Board	625,828								
Capital Projects Fund Balance									
Debt Financing - E-9-1-1	539,062								
Debt Financing	622,000	920,000	505,000					505,000	
Total	2,696,868	920,000	505,000	-	-	-	-	505,000	-
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs	-	-	-	-	-	-	-	-	-

Sheriff's Office – Body Cameras

Project Category:	County Capital	Project Status:	New	Project Type	
Functional Service Area:	Public Safety	Proposed Bid Award Date:	TBD	New	X
Department:	Sheriff's Office	Starting Date:	N/A	Expansion	
Project Number:	New	Completion Date:	N/A	Renovation	
				Replacement	

Project Description/Justification: Funding of \$300,000 in FY 2018-19 would equip Sheriff Deputies with body-worn cameras. Body-worn cameras will allow deputies to better document evidence while increasing accountability and transparency. Studies on the use of body-worn cameras by law enforcement indicate that incidents of use of force decrease as do the number of complaints filed against officers.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Equipment - Body Cameras			300,000					300,000	
Total Project Budget	-	-	300,000	-	-	-	-	300,000	-
Funding Sources									
General Fund - Debt Service								-	
Capital Projects Fund Balance								-	
Debt Financing			300,000					300,000	
Total	-	-	300,000	-	-	-	-	300,000	-
Impact on Operating Budget									
Personnel Services									
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Emergency Services Substations

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Public Safety	Proposed Bid Award Date:	TBD	New	X
Department:	Emergency Services	Starting Date:	7/1/16	Expansion	X
Project Number:	10053	Completion Date:	6/30/22	Renovation	X
				Replacement	

Project Description/Justification: Funding in FY 2018-19 includes a stand-alone station in the Efland area. This station will replace the existing Station 4 on Mt Willing Road in Efland. The existing station is incapable of expansion and the cost of upfitting and bringing the station into compliance under the state fire code would be more than the cost of the building itself. The proposed new station will provide bays to house the ambulance and will be within 1 mile of the existing station. Funding in FY 2018-19 also includes installing a solar photovoltaic (PV) system on the roof of the new stand-alone station. Future EMS stations will be strategically located in developing districts that are experiencing increasing call volume and service demand. The architectural design of the stations 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 colocation stations represents efficiencies gained from sharing of kitchen, training, and other common areas. The operating costs of the colocated facilities will also be shared.

FY 2018-19: Independent station in the Efland area with a solar photovoltaic (PV) system

FY 2021-22: Co-Location with fire department to be determined

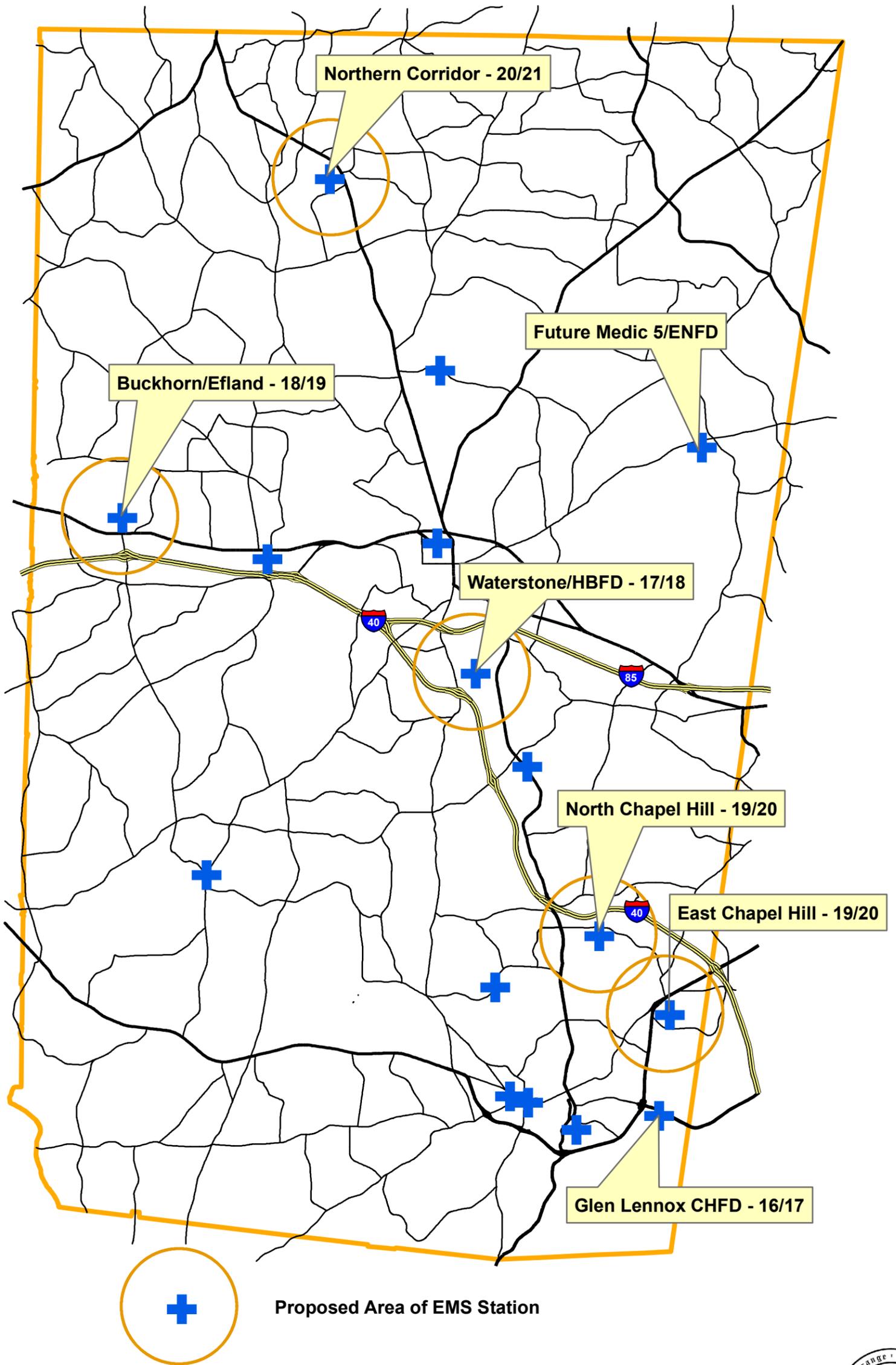
FY 2022-23: \$100,000 for architectural design for stand alone in Years 6-10

Years 6-10: Independent EMS station in the Northern corridor of the County

Years 6-10: Co-Location with fire department

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Construction/Repairs/Renovations	30,000	45,000						-	
Professional Services									
Location Study		50,000						-	
Architectural Design for Stand Alone Stations		150,000					100,000	100,000	
Land/Building									
Glen Lennox-Chapel Hill FS #2	520,000							-	
Waterstone-Orange Rural FD		600,000						-	
Buckhorn/Efland-OCES Stand Alone			1,500,000					1,500,000	
Co-Location TBD					-	600,000		600,000	
Northern Corridor-OCES Stand Alone						-		-	1,500,000
Co-Location TBD							-	-	600,000
Total Project Budget:	550,000	845,000	1,500,000	-	-	600,000	100,000	2,200,000	2,100,000
Funding Sources									
Transfer from General Fund	50,000					-		-	
Transfer from Other Projects								-	
Debt Financing	500,000	845,000	1,500,000	-	-	600,000	100,000	2,200,000	2,100,000
Total	550,000	845,000	1,500,000	-	-	600,000	100,000	2,200,000	2,100,000
Impact on Operating Budget									
Personnel Services								-	
Operations	6,000	12,000	24,000	24,000	24,000	30,000	30,000	132,000	228,000
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs	6,000	12,000	24,000	24,000	24,000	30,000	30,000	132,000	228,000



Orange County Radio/Paging Systems Upgrade

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Public Safety	Proposed Bid Award Date:	TBD	New	X
Department:	Emergency Services	Starting Date:	TBD	Expansion	X
Project Number:	30060	Completion Date:	TBD	Renovation	
				Replacement	X

Project Description/Justification: On May 2, 2017, Federal Engineering presented to the BOCC a recommendation of 4 options for the radio infrastructure project. The BOCC requested more information on the current VIPER System to determine if the existing system, with changes, could accommodate the radio communication needs of first responders. In November of 2017, the Countywide Radio Committee asked Federal Engineering to proceed with discussions and an analysis of the current system with changes. The estimated costs to use the existing radio system may reduce the amount of towers needed in the County as well as eliminate the need to establish personnel and upgrade costs for a shared or independent system. . Current available funds within this project are adequate for obtaining estimated costs of expanding the VIPER System and selecting the most effective and feasible solution. Once an option has been selected, the next step will be for Federal Engineering to develop the technical specifications and RFP for the selected system.



Note: Cost share has not been included in these estimates. The Countywide Radio Committee is currently working to develop a proposed formula to present to all of the stakeholders.

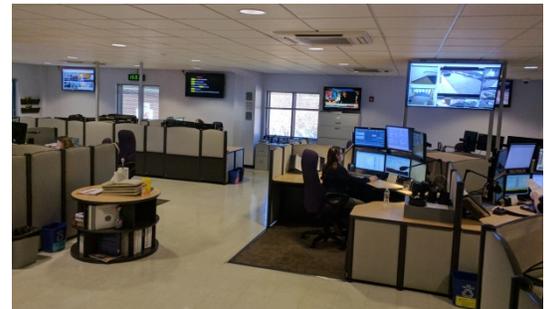
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Countywide Radio Communications Interoperability and Systems Engineering	543,750							-	
Design, Engineering, and Towers	1,000,000	-	-	-	-	-	-	-	27,300,000
Total Project Budget	1,543,750	-	-	-	-	-	-	-	27,300,000
Funding Sources									
General Fund - Debt Service	-	-	-	-	-	-	-	-	-
Capital Projects Fund Balance	1,543,750							-	27,300,000
Debt Financing								-	
Total	1,543,750	-	-	-	-	-	-	-	27,300,000
Impact on Operating Budget									
Personnel Services									
Operations								-	875,000
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs	-	-	-	-	-	-	-	-	875,000

911 Center Improvements

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Public Safety	Proposed Bid Award Date:	TBD	New	X
Department:	Emergency Services	Starting Date:	N/A	Expansion	
Project Number:	30062	Completion Date:	N/A	Renovation	X
				Replacement	

Project Description/Justification: This project contemplates updating and expanding the 9-1-1 and Emergency Operations Center facilities within the 510 Meadowlands Complex. The back up center, mandated by NC Gen. Stat. §143B-1406 (f)(5) and NC Administrative Code 09 NCAC 06C.0206, is located in the basement of the West Campus building to process and dispatch 9-1-1 calls in the event the primary center cannot be used.



Funding of \$2.5M in years 6-10 is proposed to renovate and expand an estimated 6,300 square foot area within the existing facility. This project contemplates hardening the existing facility to ensure operations continue during potential catastrophic events. The current center is located on the second floor of a steel framed building that does not provide an adequate level of security during very severe storm events that produce very strong winds like a tornados or hurricanes.

Additional funding of \$600,000 being supplied by 9-1-1 funds will purchase updated communications, electronic and furniture equipment.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
<i>Hardened 911 Communications Center (Meadowlands)</i>									
Design	-	-						-	30,000
Building Renovations	-	-						-	2,500,000
Equipment and Installation	369,499	-						-	600,000
<i>Total Project Budget:</i>	369,499	-	-	-	-	-	-	-	3,130,000
Funding Sources									
<i>Transfer from General Fund</i>									
E-9-1-1 Funds	369,499	-						-	600,000
Debt Financing	-	-						-	2,530,000
<i>Total</i>	369,499	-	-	-	-	-	-	-	3,130,000
Impact on Operating Budget									
<i>Personnel Services</i>									
Operations								-	448,000
Recurring Capital								-	-
New/Add'l Revenue								-	-
<i>Total Operating Costs</i>		-	-	-	-	-	-	-	448,000

Blackwood Farm Park

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	5/1/18	New	X
Department:	DEAPR	Starting Date:	7/1/18	Expansion	X
Project Number:	20037	Completion Date:	6/30/20	Renovation	
				Replacement	

Project Description/Justification: Blackwood Farm Park is a 152-acre park midway between Chapel Hill and Hillsborough on NC 86 and New Hope Church Road. The park opened on a limited basis in June 2015 and is currently open Friday-Sunday. Funding for park infrastructure, design and other associated needs, including construction of new turn lanes, entryway and parking was included in FY 2016-17 and 17-18. Park construction for Phase II of the park is proposed for FY2018-19, Consistent with the adopted master plan for a low-impact park with agricultural and historic themes and components of the farm's agricultural past, including interpretive signage, picnic areas, community garden, agricultural demonstration areas and exhibits. The planned Phase II park construction also includes new picnic shelters, restrooms, an amphitheater, repairs and renovations to the farmstead, fishing station, trails, Nature Center and open play fields, along with a disc golf course. It is anticipated that the park will open full-time in FY 2019-20 once Phase II construction is complete. Funding of \$800,000 in FY 2021-22 includes an enhanced Nature Center (with associated matching partner revenue). Funding of \$529,500 is included in Year 5 for Phase III, which includes the remaining New Hope Church Road area facilities. If the Board of Commissioners authorizes the development of a Northern Orange County campus, a revised combined project will be amended consisting of the Detention Facility, Environment and Ag Center, and Parks Operations Base.



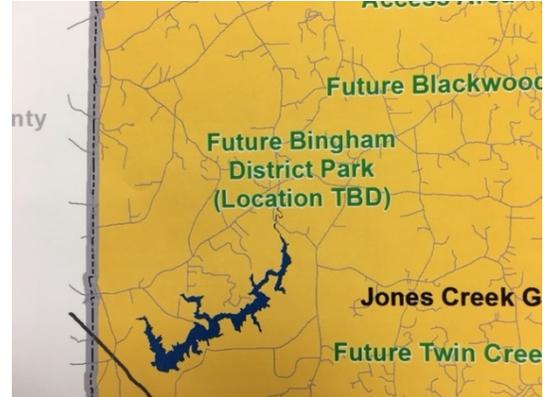
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building									
Professional Services	210,000			-		70,000	150,000	220,000	
Construction/Repairs/Renovations	1,198,000		1,795,000	-		800,000	2,687,000	5,282,000	
Equipment/Furnishings	49,400	100,000		-			265,000	265,000	
Total Project Budget	1,457,400	100,000	1,795,000	-	-	870,000	3,102,000	5,767,000	-
Funding Sources									
Transfer from General Fund	50,000	90,000					27,500	27,500	
Transfer from Other Capital Funds	267,400							-	
Grants, Partner revenue, Donations	-	10,000		-		800,000		800,000	
Debt Financing	1,140,000		1,795,000	-	-	70,000	3,074,500	4,939,500	
Total	1,457,400	100,000	1,795,000	-	-	870,000	3,102,000	5,767,000	-
Impact on Operating Budget									
Personnel Services	203,373	77,738	138,000	138,000	138,000	138,000	138,000	690,000	690,000
Operations	61,010	26,000	52,000	52,000	52,000	52,000	52,000	260,000	260,000
Recurring Capital									
New/Addl Revenue									
Total Operating Costs	264,383	103,738	190,000	190,000	190,000	190,000	190,000	950,000	950,000

Bingham Park

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/1/23	Expansion	
Project Number:	New	Completion Date:	7/1/25	Renovation	
				Replacement	

Project Description/Justification: Bingham District Park would serve as the County’s park for southwestern Orange County. Negotiations are underway for the park site, and funding for the land acquisition would be through the Lands Legacy program. As with previous park projects, this future park site would be land-banked for the future construction of park facilities, with projected design in Year 5 and construction in Year 6. Cost estimates are based on a district park concept of comparable size. Preliminary discussions have been held with the Orange Water and Sewer Authority about working together on the Bingham District Park location.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building									
Professional Services							300,000	300,000	
Construction/Repairs/Renovations								-	6,700,000
Equipment/Furnishings									
<i>Total Project Budget</i>	-	-	-	-	-	-	300,000	300,000	6,700,000
<i>Funding Sources</i>									
Transfer from General Fund									
Transfer from Other Funds									
Debt Financing						-	300,000	300,000	6,700,000
<i>Total</i>	-	-	-	-	-	-	300,000	300,000	6,700,000
<i>Impact on Operating Budget</i>									
Personnel Services								-	312,000
Operations								-	220,000
Recurring Capital									
New/Addl Revenue									
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	532,000

Cedar Grove Park, Phase II

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/1/18	Expansion	
Project Number:	20002	Completion Date:	6/30/20	Renovation	
				Replacement	X

Project Description/Justification: Funding is proposed for FY 2019-20 for Phase II of the park. Phase II as planned would feature another baseball/softball field (recent discussions have proposed multiple smaller size fields instead, to address the pending loss of similar small fields in Hillsborough), tennis courts, a picnic shelter and additional parking. Cedar Grove Park opened in 2008 and includes baseball/softball fields, a multi-purpose field, trails, playground, basketball courts, a Little Free Library and other amenities. It is co-located with the Cedar Grove Community Center.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building									-
Professional Services				100,000				100,000	
Construction/Repairs/Renovations	1,908,000			1,640,000				1,640,000	
Equipment/Furnishings								-	
Total Project Budget	1,908,000	-	-	1,740,000	-	-	-	1,740,000	-
<i>Funding Sources</i>									
Transfer from Other Funds	148,000	-		100,000				100,000	
Funding from Other Sources				100,000				100,000	
Grant Funding	500,000			500,000				500,000	
Debt Financing	1,260,000			1,040,000				1,040,000	
Total	1,908,000	-	-	1,740,000	-	-	-	1,740,000	-
<i>Impact on Operating Budget</i>									
Personnel Services					18,500	18,500	18,500	55,500	92,500
Operations					20,000	20,000	20,000	60,000	100,000
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs			-	-	38,500	38,500	38,500	115,500	192,500

Conservation Easements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	N/A	Expansion	X
Project Number:	20006	Completion Date:	N/A	Renovation	
				Replacement	

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. 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 2,100 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 easements, shown as Grant Funding and Landowner Donations.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building	7,878,181		1,000,000		1,000,000		1,000,000	3,000,000	2,000,000
Construction/Repairs/Renovations									
Equipment/Furnishings									
Total Project Budget	7,878,181	-	1,000,000	-	1,000,000	-	1,000,000	3,000,000	2,000,000
<i>Funding Sources</i>									
Transfer from General Fund	600,000							-	-
Transfer from Other Projects	143,000							-	
Grant Funding and Donations	3,385,181		500,000		500,000		500,000	1,500,000	1,000,000
Debt Financing	3,750,000		500,000		500,000		500,000	1,500,000	1,000,000
Total	7,878,181	-	1,000,000	-	1,000,000	-	1,000,000	3,000,000	2,000,000
<i>Impact on Operating Budget</i>									
Personnel Services									
Operations									
Recurring Capital									
New/Addl Revenue									
Total Operating Costs			-	-	-	-	-	-	-

Upper Eno Nature Preserve – Seven Mile and McGowan Creek Nature Parks

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	7/1/15	Expansion	X
Project Number:	20028	Completion Date:	7/1/21	Renovation	
				Replacement	

Project Description/Justification: The Upper Eno Nature Preserve includes a number of different properties with water resource and conservation significance in the Upper Eno Watershed. There are two planned “Nature Parks” for public access within this preserve, at Seven Mile Creek south of I-85/40 and McGowan Creek, north of US 70. Work is currently underway on trails, camping area and a parking area at the Seven Mile Creek Nature Park using previously-approved funds. The Mountains to Sea Trail would traverse this Nature Preserve as part of its course from the Blue Ridge Mountains to the Outer Banks. Funds are proposed for FY 2020-21 for the McGowan Creek Natural Area, including a needed road redesign on US 70. Grant funding would be pursued for this project.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building									-
Construction/Repairs/Renovations	100,000		-		400,000			400,000	
Equipment/Furnishings	25,000		-		30,000			30,000	
Total Project Budget	125,000	-	-	-	430,000	-	-	430,000	-
<i>Funding Sources</i>									
Transfer from General Fund									-
Transfer from Other Capital Funds									
Debt Financing	125,000		-		430,000			430,000	-
Total	125,000	-	-	-	430,000	-	-	430,000	-
<i>Impact on Operating Budget</i>									
Personnel Services		40,000	40,000	40,000	47,000	47,000	47,000	221,000	235,000
Operations		10,000	10,000	12,000	22,000	22,000	22,000	88,000	110,000
Recurring Capital									
New/Addl Revenue								-	
Total Operating Costs			50,000	52,000	69,000	69,000	69,000	309,000	345,000

Soccer.com Soccer Center, Phase II

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	7/1/14	Expansion	X
Project Number:	20026	Completion Date:	7/1/20	Renovation	
				Replacement	

Project Description/Justification: Funding was approved in FY 2017-18 for design and engineering of a facility expansion, with construction in FY 2019-20 for this successful soccer destination. Land was acquired to expand the center in summer 2016. A Master Plan revision is being prepared by staff to reflect expansion options. The proposed funding would enable the construction of 2-4 additional fields (depending on field surface decisions), parking, restrooms, concession/equipment storage, stormwater controls and other amenities. Current costs are based on artificial turf fields.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building	425,000							-	
Professional Services		300,000						-	
Construction/Repairs/Renovations	125,000			4,500,000				4,500,000	
Equipment/Furnishings	16,000			89,000				89,000	
Total Project Budget	566,000	300,000	-	4,589,000	-	-	-	4,589,000	-
<i>Funding Sources</i>									
Transfer from General Fund	16,000							-	
Transfer from Other Funds		-						-	
Debt Financing	550,000	300,000	-	4,589,000	-			4,589,000	-
Total	566,000	300,000	-	4,589,000	-	-	-	4,589,000	-
<i>Impact on Operating Budget</i>									
Personnel Services					65,000	65,000	65,000	195,000	325,000
Operations				5,000	22,000	22,000	22,000	71,000	110,000
Recurring Capital								-	
New/Addl Revenue				47,000	47,000	47,000	47,000	188,000	235,000
Total Operating Costs	-	-	-	52,000	134,000	134,000	134,000	454,000	670,000

Lands Legacy Program

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	N/A	Expansion	X
Project Number:	20011	Completion Date:	N/A	Renovation	
				Replacement	

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 District Park site, Mountains to Sea Trail easements, continued acquisitions for the Upper Eno Nature Preserve, and the Jordan Lake Macrosite natural area are among several top anticipated priorities for these current and planned funds. Currently, \$2.95 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 (\$5.5 million to date) and partnership funding.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building	8,410,452			500,000	500,000	500,000	500,000	2,000,000	2,500,000
Construction/Repairs/Renovations									
Equipment/Furnishings									
Total Project Budget	8,410,452	-	-	500,000	500,000	500,000	500,000	2,000,000	2,500,000
<i>Funding Sources</i>									
Transfer from General Fund	1,110,452							-	-
Transfer from Other Funds									
Debt Financing	7,300,000			250,000	250,000	250,000	250,000	1,000,000	1,250,000
Grant Funds and/or Payment-In-Lieu Func.				250,000	250,000	250,000	250,000	1,000,000	1,250,000
Total	8,410,452	-	-	500,000	500,000	500,000	500,000	2,000,000	2,500,000
<i>Impact on Operating Budget</i>									
Personnel Services									
Operations									
Recurring Capital									
New/Addl Revenue								-	-
Total Operating Costs				-	-	-	-	-	-

Millhouse Road Park

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/1/16	Expansion	
Project Number:	20034	Completion Date:	7/1/20	Renovation	
				Replacement	

Project Description/Justification: This park project is a planned Town of Chapel Hill / Orange County partnership using a 50-50 split-funding concept, with the development of a master plan for the facility and an interlocal agreement currently underway. The requested funding in FY2020-21 is for design and engineering services for the collaborative planning effort, followed by construction in FY2021-22. The Millhouse Road Park is a 79-acre site just north of Chapel Hill, and was acquired in 2004 (69 acres) and 2007 (10 acres) as a future park site with discussion to date focused on a soccer field complex for southern Orange County, with some walking trails and other amenities. Cost estimates are based on the existing Soccer.com Soccer Center.



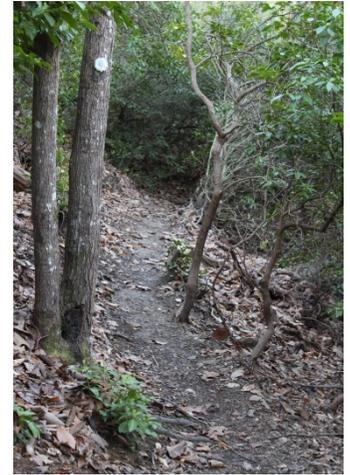
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</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>Funding Sources</i>									
Transfer from General Fund	76,090				150,000			150,000	
Transfer from Other Projects	218,712							-	
Debt Financing						3,200,000		3,200,000	-
Possible Town of Chapel Hill funding				-	150,000	3,200,000		3,350,000	
Operations/funding from other sources								-	
Total	294,802	-	-	-	300,000	6,400,000	-	6,700,000	-
<i>Impact on Operating Budget</i>									
Personnel Services							136,000	136,000	680,000
Operations							100,000	100,000	500,000
Recurring Capital									
New/Addl Revenue									-
Total Operating Costs			-	-	-	-	236,000	236,000	1,180,000

Mountains to Sea Trail

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	7/1/16	Expansion	X
Project Number:	20043	Completion Date:	6/30/26	Renovation	
				Replacement	

Project Description/Justification: The Mountains to Sea Trail (MST) is a part of the N.C. State Parks system and would connect by trail the Great Smoky Mountains with the Outer Banks. Funding was provided in FY 2016-17 for the initial phase of this project, acquiring and constructing the trail segment from Occoneechee Mountain State Natural Area to the County’s Upper Eno Nature Preserve (Seven Mile Creek Nature Park). Funding appropriated and proposed is for acquiring easements, initial trail construction of identified segments, with associated signage and fencing and any other privacy measures. The initial segment will also include some type of pedestrian crossing improvements over Interstate 85/40. Additionally, \$110,000 has been moved from the Upper Eno Nature Preserve project to this project for FY 2018-19 to build waystation facilities for the Mountains to Sea Trail (MST) at Seven Mile Nature Park. The second phase of the project is proposed for Year 2 and would address the segment of the MST from Buckhorn Road around and on the OWASA-owned lands at Cane Creek Reservoir, continuing to the Alamance County line. The third phase would be in Years 7-10 and would complete the middle section of the trail from Seven Mile Creek to Buckhorn Road. The project reflects phased voluntary acquisition of trail easements and trail construction in FY 2019-20 and beyond, as lands are acquired and segments connected.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building	120,000			260,000			-	260,000	420,000
Construction/Repairs/Renovations	313,000	-	100,000	130,000				230,000	203,000
Equipment/Furnishings	88,000		10,000	60,000	20,000			90,000	70,000
Total Project Budget	521,000	-	110,000	450,000	20,000	-	-	580,000	693,000
<i>Funding Sources</i>									
Transfer from General Fund	88,000			90,000	20,000			110,000	70,000
Transfer from Other Funds (LL)	120,000							-	
Grant Funding from State Parks	150,000			180,000				180,000	260,000
In-Kind Funding from Organizations	10,000	-						-	10,000
Debt Financing	153,000		110,000	180,000				290,000	353,000
Total	521,000	-	110,000	450,000	20,000	-	-	580,000	693,000
<i>Impact on Operating Budget</i>									
Personnel Services	-	10,000	10,000	10,000	10,000	10,000	15,000	55,000	75,000
Operations	-	12,000	14,000	16,000	16,000	20,000	20,000	86,000	100,000
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs		22,000	24,000	26,000	26,000	30,000	35,000	141,000	175,000

Hollow Rock Nature Park (New Hope Preserve)

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/12/13	Expansion	X
Project Number:	20027	Completion Date:	7/1/23	Renovation	X
				Replacement	

Project Description/Justification: The New Hope Preserve is a 72-acre site owned by Orange County, Durham County and the Town of Chapel Hill. Located within this Preserve is the Hollow Rock Nature Park, Phase I of which opened in 2016 with hiking trails. A state grant is being pursued to fund a wildlife overlook, ADA trail and permanent restrooms. The final phase of the project will be completed in future years as the ultimate disposition of Pickett Road is determined. Previously-appropriated funds have allowed for site facilities (parking, driveway, trails and bridges, kiosks and other low-impact amenities). Some of these facilities are now completed, . Durham County contributes 50% of the cost of these facilities and amenities as per an interlocal agreement between the parties adopted in spring 2015.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building	75,000							-	
Professional Services								-	
Construction/Repairs/Renovations	537,500	10,000						-	165,000
Equipment/Furnishings	10,000							-	
Total Project Budget	622,500	10,000	-	-	-	-	-	-	165,000
<i>Funding Sources</i>									
Transfer from General Fund	180,000	5,000						-	82,500
Funding from Durham County	152,500	5,000						-	82,500
From Other Projects	75,000							-	-
Grant Funding	215,000							-	-
Total	622,500	10,000	-	-	-	-	-	-	165,000
<i>Impact on Operating Budget</i>									
Personnel Services		47,000	47,000	47,000	47,000	47,000	47,000	235,000	235,000
Operations	7,000	10,000	12,000	12,000	12,000	12,000	12,000	60,000	60,000
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	7,000	57,000	59,000	59,000	59,000	59,000	59,000	295,000	295,000

Northeast District Park

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/1/19	Expansion	
Project Number:	20036	Completion Date:	6/30/21	Renovation	
				Replacement	

Project Description/Justification: This future park site, the district park for the northeast quadrant of Orange County, has been purchased and is land-banked for future use. A Preliminary Concept Plan was prepared by staff that identifies the general 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. Northeast District Park is a 142-acre site acquired in late-2007. The site was acquired with the potential for appropriate co-located county facilities. The property is currently leased to a local farmer for cattle grazing, pending future construction. The cost estimates are based on a district park concept of comparable size.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building									
Professional Services				-				-	350,000
Construction/Repairs/Renovations					-			-	7,650,000
Equipment/Furnishings									
Total Project Budget			-	-	-	-	-	-	8,000,000
<i>Funding Sources</i>									
Transfer from General Fund		-	-	-				-	
Debt Financing					-			-	8,000,000
Funding from other infrastructure partner									
Total		-	-	-	-	-	-	-	8,000,000
<i>Impact on Operating Budget</i>									
Personnel Services									610,000
Operations	10,000							-	300,000
Recurring Capital									
New/Addl Revenue									
Total Operating Costs	10,000	-	-	-	-	-	-	-	910,000

Twin Creeks Park and Educational Campus, Phase II

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/1/09	Expansion	X
Project Number:	20003	Completion Date:	7/1/27	Renovation	
				Replacement	

Project Description/Justification: Twin Creeks (Moniese Nomp) Park is located along Old NC 86 north of Carrboro and connects to Morris Grove Elementary School (which is part of the overall site). It is the district park for southeastern Orange County. Funding for design and engineering for Phase II of the park is requested in FY 2020-21, with additional funding requested in FY 2021-22 for construction of Phase II. The cost estimates are based on a district park of comparable size. The first phase of the park (Jones Creek Greenway) was completed in 2011. Prior years funding exists for a portion of a future entry road that would be shared with the adjoining property development to the south (Ballentine subdivision). This entry road has been on hold pending Town studies on transportation and stormwater and the developer's plans. Funding to complete the third and final phase of the park is reflected in Years 6-10.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	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									
Total Project Budget	1,956,457	-	-	-	220,000	3,780,000	-	4,000,000	4,000,000
<i>Revenues/Funding Source</i>									
General Government Revenue	277,000							-	
Debt Financing	1,250,000				220,000	3,780,000		4,000,000	4,000,000
Funding from other infrastructure partner									
Grant Funding NCDOT	429,457								
Total	1,956,457	-	-	-	220,000	3,780,000	-	4,000,000	4,000,000
<i>General Fund Related Operating Costs</i>									
Personnel Services							93,500	93,500	467,500
Operations							70,000	70,000	350,000
Recurring Capital									
New/Addl Revenue									
Total Operating Costs	-	-	-	-	-	-	163,500	163,500	817,500

Little River Park, Phase II

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	7/1/15	Expansion	X
Project Number:	20040	Completion Date:	7/1/22	Renovation	X
				Replacement	

Project Description/Justification: This park is a joint Orange/Durham County initiative. In compliance with an Interlocal Agreement, funding includes 50% from Durham County. Funding of \$100,000 was approved in FY2016-17 to repave the park entry road, expand parking, repave the ADA loop trail, and add a new maintenance shed. These repairs are pending completion of the updated master plan for the full park by both Orange and Durham counties. An additional \$50,000 in FY 2019-20 has been added to reflect the need to address the Laws House, which stands at the park entrance and has been stabilized pending a future decision on use. Requested funding for FY2021-22 is for other improvements, including a new playground and new and improved trails.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Professional Services	25,000							-	
Construction/Repairs/Renovations	1,696,720		-	50,000		250,000		300,000	
Equipment/Furnishings								-	
Total Project Budget	1,721,720	-	-	50,000	-	250,000	-	300,000	-
<i>Funding Sources</i>									
From General Fund	104,750		-	25,000		125,000		150,000	
Contribution from Durham County	438,662		-	25,000		125,000		150,000	
Grant Funding	724,000								
Transfer from Payment-In-Lieu	84,514								
Bonds	369,794								
Total	1,721,720	-	-	50,000	-	250,000	-	300,000	-
<i>Impact on Operating Budget</i>									
Personnel Services								-	
Operations		7,500	7,500	7,500	7,500	10,000	10,000	42,500	50,000
Recurring Capital									
New/Addl Revenue								-	
Total Operating Costs	-	7,500	7,500	7,500	7,500	10,000	10,000	42,500	50,000

Fairview Park Improvements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	DEAPR	Starting Date:	07/01/15	Expansion	
Project Number:	20041	Completion Date:	01/01/23	Renovation	
				Replacement	

Project Description/Justification: Funding approved in FY 2015-16 and FY2016-17 has been used to create a new access entry and parking lot for Fairview Park from NC 86. This work is now completed. Funds were approved in FY 2017-18 for a site assessment to determine the scope of future landfill mitigation on the site, and this assessment is underway. These funds would be reimbursed by the State Division of Environmental Quality. Completion of this assessment will allow for future funds for landfill remediation (\$1.5 million) in FY 2019-20 by the State via reimbursement, and an additional \$1.5 million in local funds in FY 2021-22 for construction of new park facilities on the former landfill portion of the site.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building				1,500,000				1,500,000	
Professional Services		50,000						-	
Construction/Repairs/Renovations	425,000					1,500,000		1,500,000	
Equipment/Furnishings								-	
Total Project Budget	425,000	50,000	-	1,500,000	-	1,500,000	-	3,000,000	-
<i>Funding Sources</i>									
Transfer from General Fund	100,000							-	
NCDEQ Reimbursement Fund		50,000		1,500,000	-			1,500,000	
Transfer from Other Funds				-	-	-	-	-	
Debt Financing	325,000					1,500,000		1,500,000	
Total	425,000	50,000	-	1,500,000	-	1,500,000	-	3,000,000	-
<i>Impact on Operating Budget</i>									
Personnel Services							49,000	49,000	245,000
Operations							15,000	15,000	75,000
Recurring Capital									
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	64,000	64,000	320,000

Efland-Cheeks Community Center

Project Category:	County Capital	Project Status:	Active/New	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services/DEAPR	Starting Date:	7/1/12	Expansion	X
Project Number:	20045	Completion Date:	7/1/20	Renovation	
				Replacement	

Project Description/Justification: The Efland Cheeks Community Center is located adjacent to Efland Cheeks Park and Efland Cheeks Elementary School. Due to the limitations of expansion potential for the existing 1992 building, funding is proposed for FY 2018-19 to examine the Center's needs and facility options to meet those needs. Pending the outcome of that assessment, funding is planned for facility improvement or construction in FY 2019-20. Incremental increases in operating and personnel costs are also shown.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	35,000		100,000					100,000	
Construction/Repairs/Renovations				1,000,000				1,000,000	
Equipment/Furnishings								-	
Total Project Budget	35,000	-	100,000	1,000,000	-	-	-	1,100,000	-
<i>Funding Sources</i>									
General Fund - Debt Service								-	-
Transfer from General Fund	35,000		100,000					100,000	
Debt Financing				1,000,000				1,000,000	
Total	35,000	-	100,000	1,000,000	-	-	-	1,100,000	-
<i>General Fund Related Operating Costs</i>									
Personnel Services		32,760	32,760	32,760	32,760	32,760	32,760	163,800	163,800
Operations		27,000	27,000	27,000	40,000	40,000	40,000	174,000	200,000
Recurring Capital								-	-
New/Addl Revneue								-	-
Total Operating Costs			59,760	59,760	72,760	72,760	72,760	337,800	363,800

Park and Recreation Facility Renovations, Repairs, and Safety Improvements

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	7/1/14	Expansion	
Project Number:	20039	Completion Date:	Ongoing	Renovation	X
				Replacement	X

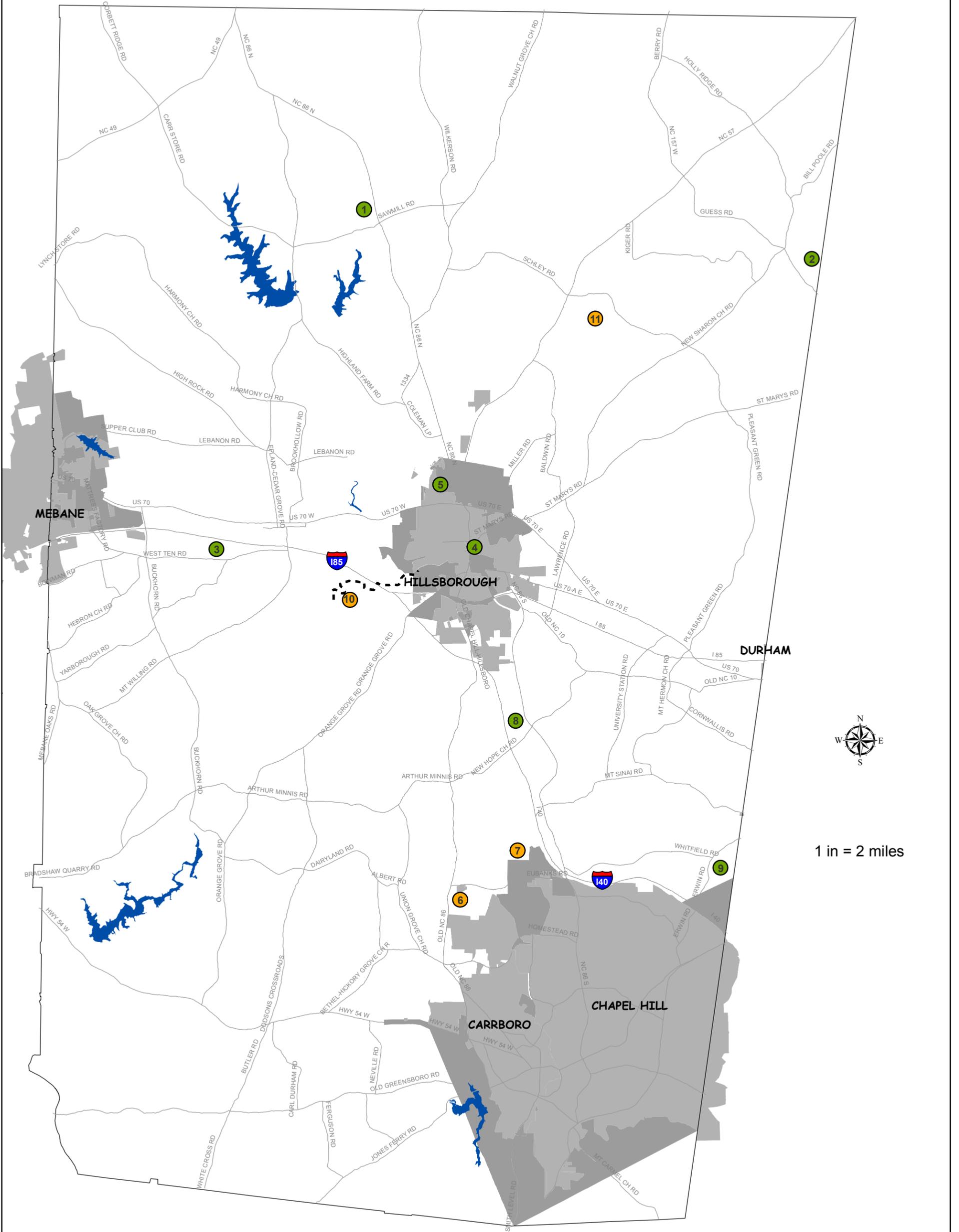
Project Description/Justification: Funding of \$180,000 is proposed for FY 2018-19 for ongoing safety, lighting/energy, park infrastructure, signage, preventive maintenance and landscape improvements to the County's seven parks. Each year, park and recreation equipment and facilities need renovation, repair, replacement and upgrades. This project provides for a scheduled and prioritized funding source for these needs identified in the 2030 P&R Master Plan process. Funding needs are based on a schedule of repairs and renovations 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.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services	28,500	1,500	2,000	2,000	2,000			6,000	
Construction/Repairs/Renovations	536,200	133,000	90,000	120,000	98,000	80,000	80,000	468,000	400,000
Equipment/Furnishings	241,800	56,500	88,000	58,000	80,000	100,000	100,000	426,000	500,000
Total Project Budget	806,500	191,000	180,000	180,000	180,000	180,000	180,000	900,000	900,000
<i>Revenues/Funding Source</i>									
Transfer from General Fund	671,300							-	
Transfer from Other Capital Projects	135,200							-	
Capital Projects Fund Balance								-	
Debt Financing		191,000	180,000	180,000	180,000	180,000	180,000	900,000	900,000
Total	806,500	191,000	180,000	180,000	180,000	180,000	180,000	900,000	900,000
<i>General Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

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 | | 10. Upper Eno Nature Preserves | |  | Lakes |
| 4. River Park | | 11. Northeast District Park | | | |
| 5. Fairview Park | | | | | |
| 8. Blackwood Farm Park | | - - - Proposed Mountains to Sea Trail | | | |
| 9. Hollow Rock Nature Park | | | | | |



1 in = 2 miles



DEAPR
Map prepared by Land Records/GIS Division
2/28/2013 Update 3/27/2017<OC 220K O:\gishome\gisproj\land_resources\CIP_PkPrjLocations.mxd

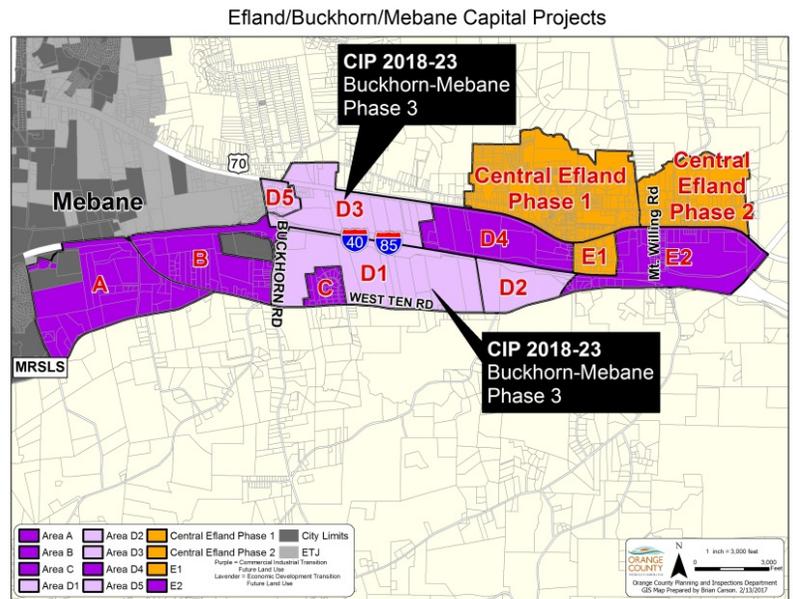
Water & Sewer Utilities Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations									
Buckhorn-Mebane EDD Phase 3		-	145,000	1,365,000	-	-	-	1,510,000	
Buckhorn-Mebane EDD Phase 4					115,000	945,000		1,060,000	
Total		-	145,000	1,365,000	115,000	945,000	-	2,570,000	
Revenues/Funding Source									
Transfer from General Fund		-							-
Transfer from Other Projects (30017)									-
General Fund - Debt Service Payments									-
Article 46 Sales Tax - Debt Service									-
EPA Special Appropriations Grant									-
Article 46 Sales Tax Proceeds		-							-
Partner Funding (Chapel Hill and Carrboro)									-
State Revolving Loan Funds									-
Debt Financing - Article 46 Sales Tax		-	145,000	1,365,000	115,000	945,000	-	2,570,000	-
Total		-	145,000	1,365,000	115,000	945,000	-	2,570,000	-
General Fund Related Operating Costs									
Personnel Services									-
Operations									-
Recurring Capital									-
New/Addtl Revenue									-
Total Operating Costs		-	-	-	-	-	-	-	-

Buckhorn-Mebane EDD Phase 3 Sewer

Project Category:	Water and Sewer	Project Status:	Planned	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	5/1/19	New	
Department:	Planning and Inspections	Starting Date:	7/1/19	Expansion	X
Project Number:	New	Completion Date:	6/30/20	Renovation	
				Replacement	

Project Description/Justification: . Recent developer interest in this area of the County has created the need to accelerate the capacity expansion of the Gravelly Hill pump station, utilizing the capacity of the Efland Sewer to Mebane, Phase 2 Extension. \$1,510,000 of funding for design, construction and project management for Phase 3 has been advanced accordingly. Phase 3 includes an upgrade to a lift station and connection to a different force main. The project will extend under the interstate to the D3 area to the north as shown on the project map from prior work in Phase 2. This 200+ acre area of the County has been designated an Economic Development District and is one of the few areas with rail access. The design and construction of water and sewer infrastructure in this EDD will facilitate development in the area.



Operational Impact: None. After construction, this system would be owned, operated and maintained by the City of Mebane per an existing interlocal agreement amended in 2012.

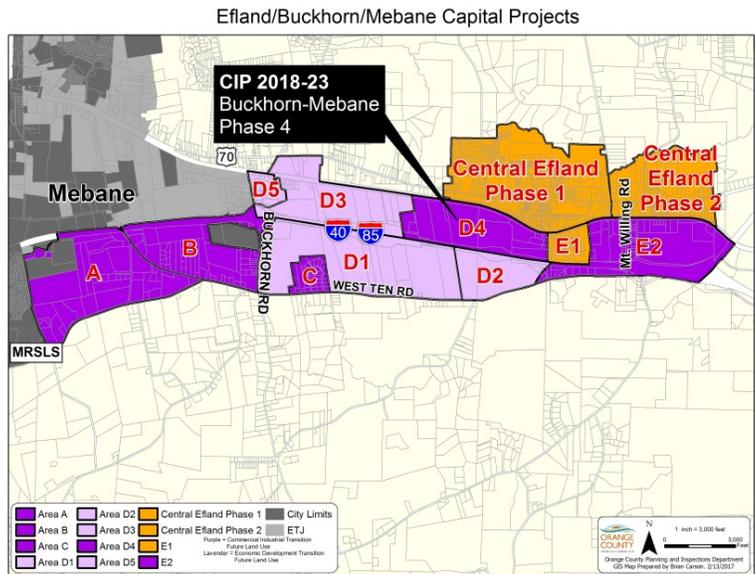
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Design Services	-		130,000					130,000	
Land/Building	-		15,000					15,000	
Construction/Repairs/Renovations				1,300,000				1,300,000	
Project Management				65,000				65,000	
Total Project Budget	-		145,000	1,365,000	-	-	-	1,510,000	
Funding Sources									
Article 46 Sales Tax Proceeds			145,000	1,365,000				1,510,000	
Debt Financing - Article 46 Sales Tax									
Total	-		145,000	1,365,000	-	-	-	1,510,000	-
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs			-	-	-	-	-	-	-

Buckhorn-Mebane EDD Phase 4 Sewer

Project Category:	Water and Sewer	Project Status:	Planned	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	5/01/21	New	
Department:	Planning and Inspections	Starting Date:	7/01/21	Expansion	X
Project Number:	New	Completion Date:	6/30/22	Renovation	
				Replacement	

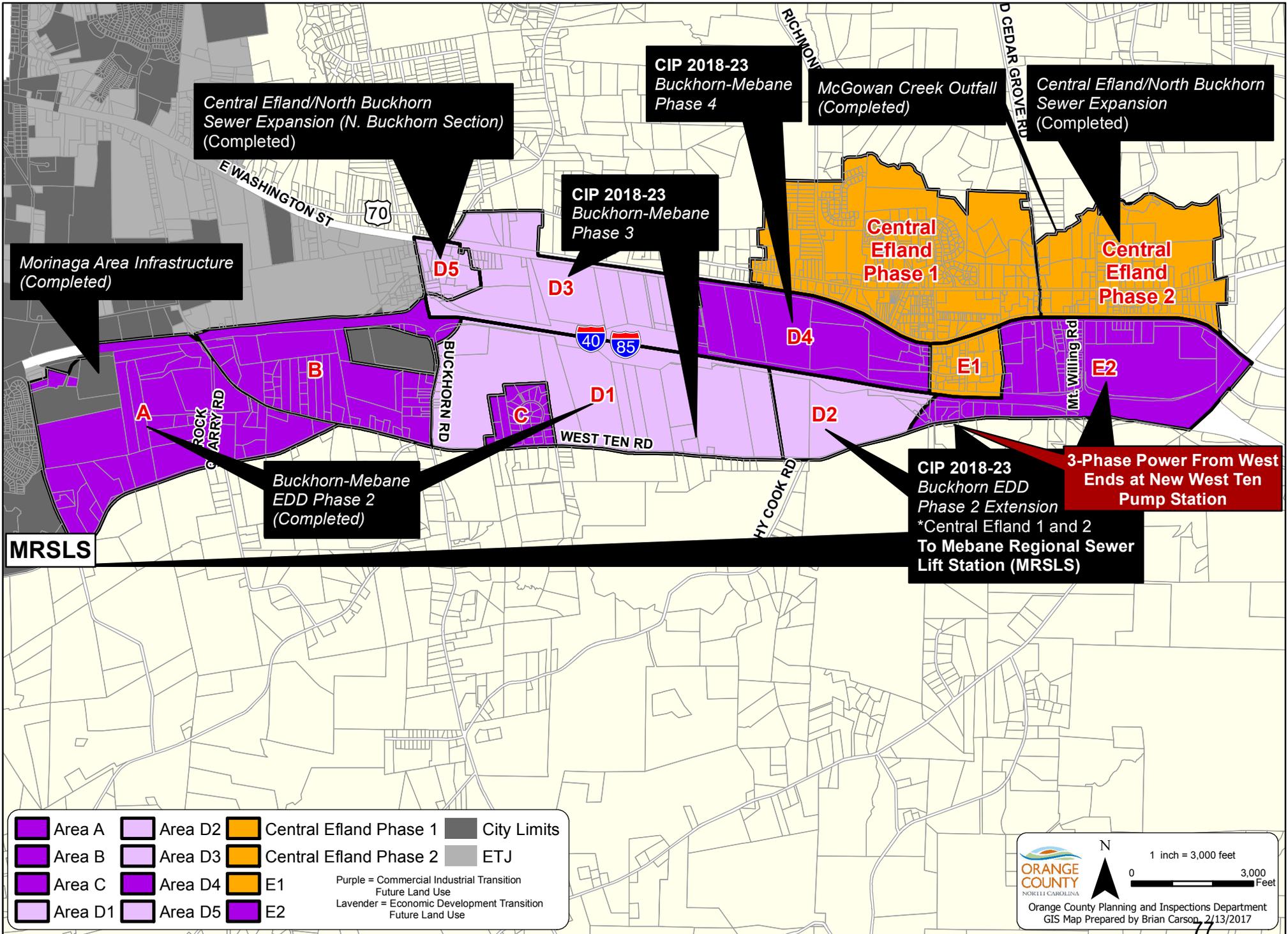
Project Description/Justification: The Phase 4 project is a project that would service a 200+ acre commercial-industrial land use area shown a D-4 on the project map north of I-40/85 and south of the NC Railway. This area is a later phase for several reasons, one of which its dependence on extending a gravity outfall connection southeasterly to the Efland Sewer to Mebane Phase 2 Extension project, which is under construction and scheduled to be operational by the fall of 2018. This gravity sewer outfall will also extend under the interstate. This project area is also included in the Orange County/City of Mebane interlocal agreement for Mebane to serve after construction. This area has some access constraints because of the limited rail crossings; so, project initiation will be timed with improved access management.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Design Services					90,000			90,000	
Land/Building					25,000			25,000	
Construction/Repairs/Renovations						900,000		900,000	
Project Management						45,000		45,000	
Total Project Budget	-	-	-	-	115,000	945,000	-	1,060,000	
Funding Sources									
Article 46 Sales Tax Proceeds									-
Debt Financing - Article 46 Sales Tax					115,000	945,000		1,060,000	
Total	-	-	-	-	115,000	945,000	-	1,060,000	-
Impact on Operating Budget									
Personnel Services									-
Operations									-
Recurring Capital									-
New/Add'l Revenue									-
Total Operating Costs	-	-	-	-	-	-	-	-	-

Efland/Buckhorn/Mebane Utility Planning Area (Master Plan)



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

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

ORANGE COUNTY
 NORTH CAROLINA

1 inch = 3,000 feet

0 3,000 Feet

Orange County Planning and Inspections Department
 GIS Map Prepared by Brian Carson, 2/13/2017

Solid Waste Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations									
Environmental Support		116,484						-	
Sanitation - Equipment	909,953	214,000	251,790	531,246	521,904		395,052	1,699,992	2,011,526
Recycling - Vehicles and Equipment	4,455,927		493,597	1,325,045	815,145	1,351,038	1,327,530	5,312,355	4,159,266
High Rock Road Convenience Center ⁽¹⁾			676,428					676,428	
Ferguson Road Convenience Center				121,500	630,000			751,500	
Bradshaw Quarry Convenience Center							828,000	828,000	
Landfill - C & D Equipment							480,904	480,904	536,711
Sanitation Equip Parking Improvements			410,000					410,000	
Total	5,365,880	330,484	1,831,815	1,977,791	1,967,049	1,351,038	3,031,486	10,159,179	6,707,503
Revenues/Funding Source									
Solid Waste Funds	2,747,405		104,972	121,500			134,000	360,472	
Debt Financing	2,085,815	330,484	1,726,843	1,856,291	1,967,049	1,351,038	2,897,486	9,798,707	6,707,503
Grant	532,660							-	
Total	5,365,880	330,484	1,831,815	1,977,791	1,967,049	1,351,038	3,031,486	10,159,179	6,707,503
Solid Waste Fund Related Operating Costs									
Personnel Services		18,050	72,194	72,916	73,645	74,382	74,382	367,519	383,220
Operations			50,765	(15,000)	35,915	(27,377)	26,198	70,501	95,398
Recurring Capital		66,855	180,500	48,800	207,800	64,275	239,275	740,650	406,875
New/Addl Revenue								-	
Total Operating Costs	-	84,905	303,459	106,716	317,360	111,280	339,855	1,178,670	885,493

(1) Previously budgeted in FY 2017-18, but project has not started, so CIP reflects re-budgeting in FY 2018-19.

Environmental Support – Equipment Replacement

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	10/1/26	New	
Department:	Solid Waste	Starting Date:	N/A	Expansion	
Project Number:	Fund 50	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification:

Equipment and vehicles scheduled for replacement in year one are reviewed and evaluated using factors such as mileage/hours, repair history, downtime, and general servicibility.

The replacement is deferred if the vehicle is front-line servicable. For every item of equipment replaced a comparable item of equipment is sold as surplus property to maintain current overall fleet size.



Current Year (2017-18)

Replacement of Large Service Truck #586, Previously deferred from FY 2016-17 - \$116,484

Year 1 (2018-19)

No capital vehicle replacement scheduled

Year 2 (2019-20)

No capital vehicle replacement scheduled

Year 3 (2020-21)

No capital vehicle replacement scheduled

Year 4 (2021-22)

No capital vehicle replacement scheduled

Year 5 (2022-23)

No capital vehicle replacement scheduled

Years 6-10 - \$218,205

FY 2026-27 Replacement of Large Service Truck \$218,205

FINANCIAL SUMMARY

		Current Fiscal Year	Year 1 Fiscal Year	Year 2 Fiscal Year	Year 3 Fiscal Year	Year 4 Fiscal Year	Year 5 Fiscal Year	Five Year Total	Year 6 to Year 10
Project Budget	Prior Years Funding	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23		
<i>Expenses</i>									
Land/Building									
Construction/Repairs/Renovations									
Equipment/Furnishings		116,484						-	218,205
Total Project Budget		116,484	-	-	-	-	-	-	218,205
<i>Funding Sources</i>									
Solid Waste Funds		-						-	218,205
Debt Financing		116,484						-	
Total		116,484	-	-	-	-	-	-	218,205
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services									
Operations									
Recurring Capital									
New/Addl Revenue									
Total Operating Costs		-	-	-	-	-	-	-	-

Sanitation – Vehicle/Equipment Replacement

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	10/1/18	New	
Department:	Solid Waste	Starting Date:	N/A	Expansion	
Project Number:	Fund 50	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification:

The Department follows the same process described above in the Environmental Support Equipment Replacement section for evaluating and replacing equipment.

Current Year (2017-18)

Waste & Recycling Center Stationary Compactors \$214,000
Eight (8) stationary compactors replacing current front-loading and roll-off containers at the Eubanks Road W&R Center.

Replacement of # 679, Dump Truck, deferred to FY 2019-2020.

Year 1 (2018-19)

Replace # 844, Hook Lift Truck, \$251,790

Year 2 (2019-20)

Replace # 679, Dump Truck, previously deferred in FY 2017-18, \$171,414; Replace #881, Front End Loader, \$359,832

Year 3 (2020-21)

Replace #922, Hook Lift Truck, and #927, Hook Lift Truck, (\$260,952 each) \$521,904

Year 4 (2021-22)

No capital vehicles replacement scheduled.

Year 5 (2022-23) Replace #959, Front End Loader, \$395,052

Years 6-10 - \$2,011,526

FY 2023-24 Replace Hook Lift Truck, \$289,996

FY 2025-26 Replace Hook Lift Truck, \$354,294

FY 2026-27 Replace Dump Truck, \$162,400; Front End Loader, \$506,320; (2) Hook Lift Trucks (\$349,218 each) \$698,436



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building									
Construction/Repairs/Renovations								-	-
Equipment/Furnishings	909,953	214,000	251,790	531,246	521,904		395,052	1,699,992	2,011,526
Total Project Budget	909,953	214,000	251,790	531,246	521,904	-	395,052	1,699,992	2,011,526
<i>Funding Sources</i>									
Solid Waste Funds	662,668							-	-
Debt Financing	217,285	214,000	251,790	531,246	521,904		395,052	1,699,992	2,011,526
Grant	30,000							-	-
Total	909,953	214,000	251,790	531,246	521,904	-	395,052	1,699,992	2,011,526
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services			-	-	-	-	-	-	-
Operations			-	-	-	-	-	-	-
Recurring Capital									
New/Addl Revenue									
Total Operating Costs			-	-	-	-	-	-	-

Recycling Operations – Vehicle and Equipment Replacement/Cart Purchase

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	10/1/18	New	
Department:	Solid Waste	Starting Date:	N/A	Expansion	
Project Number:	Fund 50	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification:

The Department uses the same factors described in the Environmental Support Equipment Replacement section for evaluating and replacing recycling equipment.

Year 1 (2018-19)

Replace #897, Multi-Family Truck, \$281,991
 NEW Small Rear Load Compacting Swing Truck, \$211,606

Year 2 (2019-20)

Replace #846, Road Tractor, \$150,560; Replace #923 and #924, (2) Curbside Recycling Trucks, \$776,136, Replace #1781, Front End Loader, previously deferred from FY 2017-18, \$398,349

Year 3 (2020-21)

Replace #929, Roll-off Truck, \$286,856; #872, Govt. Bldg. Truck, \$119,526; #887, Road Tractor, \$154,294; #942, Commercial Recycling Truck, \$254,469

Year 4 (2021-22)

Overhaul Cat Wheel Loader \$184,345; Overhaul Cat Track Loader \$335,593
 Replace (2) Curbside Recycling Trucks \$831,100

Year 5 (2022-23)

Replace Roll-off Truck \$276,186; Front End Loader \$403,068, Horizontal Grinder \$648,276

Year 6-10 (2023-28) - \$4,159,266

FY 2024-25 Replace Multi-Family Truck \$377,895; Replace Compact Loader \$193,761 Overhaul Excavator, \$173,395
 FY 2025-26 Replace (2) Curbside Recycling Trucks, \$1,040,096
 FY 2026-27 Replace Road Tractor \$211,853; Commercial Truck \$341,013; Roll-Off Truck, \$384,414
 FY 2027-28 Replace Road Tractor \$217,107; Replace (2) Curbside Recycling Trucks, \$1,113,754;
 Replace Walking Floor \$105,978



FINANCIAL SUMMARY

Project Budget	Current Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building									
Construction/Repairs/Renovations									
Equipment/Furnishings	4,455,927		493,597	1,325,045	815,145	1,351,038	1,327,530	5,312,355	4,159,266
Total Project Budget	4,455,927	-	493,597	1,325,045	815,145	1,351,038	1,327,530	5,312,355	4,159,266
Funding Sources									
Solid Waste Funds	2,084,737							-	
Debt Financing	1,868,530		493,597	1,325,045	815,145	1,351,038	1,327,530	5,312,355	4,159,266
Grant	502,660								
Total	4,455,927	-	493,597	1,325,045	815,145	1,351,038	1,327,530	5,312,355	4,159,266
Impact on Solid Waste Fund Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

High Rock Road Waste & Recycling Center

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	11/1/18	New	
Department:	Solid Waste	Starting Date:	3/1/19	Expansion	
Project Number:	Fund 50	Completion Date:	7/1/19	Renovation	X
				Replacement	

Project Description/Justification: Improvements to the High Rock Road Waste and Recycling Center include the modernization of the High Rock Road Center into a Neighborhood Center (\$676,428). Construction of the site was deferred from current year to Year 1 due to the possibility of site closure overlapping with the completion of the Eubanks Road facility. Costs have been revised and updated, and the site is projected to open July 2019.



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 County has successfully negotiated a new lease with the property owner that will take effect when the modernization project starts. Terms of the lease will provide for long term assurance of the property's availability.

Operating costs for the High Rock Center are estimated to increase to \$50,765 for FY18/19. The increase is due to ongoing electricity costs, and one-time costs associated with the relocation and installation of security cameras and establishment of a temporary site during construction. No new staff is required.

Estimated operational savings of \$15,000 will result from a more efficient hauling of waste and recyclables from compactors rather than hauling loose materials. Additionally, tip fees should be reduced due to the fully enclosed waste compactors alleviating water logged, heavier materials caused by the current open-topped dumpsters.

The Neighborhood/District Waste & Recycling Center concept was endorsed by the BOCC in FY 2011-12 providing essential services to all county residential sectors, increasing services and hours at District Centers and helps 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. Stationary compactors are considered Recurring Capital and are reflected as such below.

FINANCIAL SUMMARY

Project Budget	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>								
Land/Building							-	
Professional Services		104,972					104,972	
Construction/Repairs/Renovations		571,456					571,456	
Equipment/Furnishings							-	
Total Project Budget:	-	676,428	-	-	-	-	676,428	-
<i>Funding Sources</i>								
Solid Waste Funds	-	104,972					104,972	
Debt Financing	-	571,456					571,456	
Grant Funds							-	
Total	-	676,428	-	-	-	-	676,428	-
<i>Impact on Solid Waste Fund Operating Budget</i>								
Personnel Services								
Operations		50,765	(15,000)	(14,685)	(14,377)	(14,075)	(7,371)	(66,062)
Recurring Capital		145,000	13,300	13,300	13,300	13,300	198,200	66,500
New/Addl Revenue							-	
Total Operating Costs	-	195,765	(1,700)	(1,385)	(1,077)	(775)	190,829	438

Ferguson Road Waste & Recycling Center

Project Category:	Solid Waste Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	9/1/20	New	
Department:	Solid Waste	Starting Date:	11/1/20	Expansion	
Project Number:	Fund 50	Completion Date:	3/1/21	Renovation	X
				Replacement	

Project Description/Justification: Improvements to the Ferguson Road Waste & Recycling Center include the modernization of the Ferguson Road Center into a Neighborhood Center (\$751,500). Due to a number of exigencies, staff has not conducted a detailed site assessment for this service center; however, it is estimated that the cost for Ferguson Road Center would be similar to the High Rock Road Center budget estimate. No new staff is recommended. The above projections anticipate a March 2021 opening



Year 3 operating costs include relocation and installation of security cameras, septic pump & haul and electricity costs. After construction, operational efficiencies are estimated to save \$13,000 annually.

There is some uncertainty as to whether the County owned 1.97 acre parcel would be granted a permit due to watershed protection standards limiting impervious surfaces beyond 10% of total area. This coupled with the fact that the Bradshaw Center is too small to upgrade has led staff to analyze whether combining the two Centers at a site located between the two Centers might be a better solution. Solid Waste Management staff will seek

BOCC approval to investigate the feasibility of combining the Centers.

Stationary compactors are considered Recurring Capital in the Operating Budget as reflected below.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building								-	
Professional Services				121,500				121,500	
Construction/Repairs/Renovations					630,000			630,000	
Equipment/Furnishings								-	
Total Project Budget:	-	-	-	121,500	630,000	-	-	751,500	-
<i>Funding Sources</i>									
Solid Waste Funds				121,500				121,500	
Debt Financing				-	630,000			630,000	
Grant Funds								-	
Total	-	-	-	121,500	630,000	-	-	751,500	-
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services									
Operations					50,600	(13,000)	(12,727)	24,873	(59,736)
Recurring Capital					159,000	15,475	15,475	189,950	77,375
New/Addl Revenue								-	-
Total Operating Costs	-	-	-	-	209,600	2,475	2,748	214,823	17,639

Bradshaw Quarry Road Waste & Recycling Center

Project Category:	Solid Waste Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	9/1/22	New	
Department:	Solid Waste	Starting Date:	11/1/22	Expansion	
Project Number:	Fund 50	Completion Date:	3/1/23	Renovation	X
				Replacement	

Project Description/Justification: Improvements to the Bradshaw Quarry Road Waste & Recycling Center include the modernization of the Bradshaw Quarry Road Center into a Neighborhood Center (\$828,000). 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 and possibly combining it in a central location with the Ferguson Road Center. Cost shown on the CIP budget request is based upon current year cost estimates that were prepared for the standard Neighborhood Center. Stationary compactors are considered Recurring Capital in the Operating Budget as reflected below.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building								-	
Professional Services							134,000	134,000	
Construction/Repairs/Renovations							694,000	694,000	
Equipment/Furnishings								-	
Total Project Budget:	-	-	-	-	-	-	828,000	828,000	-
<i>Funding Sources</i>									
Solid Waste Funds						-	134,000	134,000	
Debt Financing				-		-	694,000	694,000	
Grant Funds								-	
Total	-	-	-	-	-	-	828,000	828,000	-
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services									
Operations							53,000	53,000	(50,000)
Recurring Capital							175,000	175,000	85,500
New/Addl Revenue									
Total Operating Costs	-	-	-	-	-	-	228,000	228,000	35,500

Landfill/Construction & Demolition – Equipment Replacement

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	10/1/22	New	
Department:	Solid Waste	Starting Date:	N/A	Expansion	
Project Number:	Fund 50	Completion Date:	N/A	Renovation	
				Replacement	X

Project Description/Justification: The Department uses the same factors described above in the Environmental Support Equipment Replacement section for evaluating and replacing Landfill equipment.

Year 1 (2018-19)

No capital vehicle replacement scheduled, Overhaul of #441, Compactor, deferred to FY 2022-23

Year 2 (2019-20)

No capital vehicle replacement scheduled

Year 3 (2020-21)

No capital vehicle replacement scheduled

Year 4 (2021-22)

No capital vehicle replacement scheduled, Overhaul of #446, D6R Dozer, deferred until FY 26-27

Year 5 (2022-23)

FY 2022-23 Overhaul #441, Compactor, \$355,481; #462, hydraulic excavator, \$125,423

Years 6-10 - \$1,017,615

FY 2025-26 Overhaul #440, Articulating Truck, \$367,706

FY 2026-27 Overhaul #446, D6R Dozer, \$169,005



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings							480,904	480,904	536,711
Total Project Budget:	-	-	-	-	-	-	480,904	480,904	536,711
<i>Funding Sources</i>									
Solid Waste Funds				-				-	
Debt Financing							480,904	480,904	536,711
Grant Funds								-	
Total	-	-	-	-	-	-	480,904	480,904	536,711
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services									
Operations									
Recurring Capital									
New/Addl Revenue									
Total Operating Costs	-	-	-	-	-	-	-	-	-

Sanitation Equipment Parking Improvements

Project Category:	Solid Waste Capital	Project Status:	New	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	8/1/18	New	X
Department:	Solid Waste	Starting Date:	10/1/18	Expansion	
Project Number:	Fund 50	Completion Date:	2/1/19	Renovation	
				Replacement	

Project Description/Justification: Solid Waste facilities improvements include the improvements to the parking area designated for the Sanitation Division’s operating equipment (\$410,000). This project is proposed to provide better working conditions for staff that operate the Division’s equipment by providing electricity, lighting and water in a sheltered location for performing daily maintenance, pre- and post- trip inspections, and storing equipment. A minimal increase in electric costs is anticipated due to an increase in the number of lights in the area, but the majority of the electricity will be a consolidation of the usage to one area instead of being spread out through the complex. Labor and time savings are also anticipate due to the projected reduction in congestion at the maintenance shop due to drivers waiting for a bay to open up for use. Separation of Sanitation equipment parking from Recycling equipment parking would also be consistent with the Department’s Business Continuity Plan – reducing risk of catastrophic equipment loss.



The structure was designed and permitted with the Eubanks Waste and Recycling Center Project and is ready to bid. The structure would be constructed between the new scale-house and the vegetative waste processing area, as approved by the town of Chapel Hill.

FINANCIAL SUMMARY

	Prior Years	Current	Year 1	Year 2	Year 3	Year 4	Year 5	Five	Year 6
Project Budget	Funding	Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Year Total	to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services			410,000					410,000	
Construction/Repairs/Renovations								-	
Equipment/Furnishings								-	
Total Project Budget:	-	-	410,000	-	-	-	-	410,000	-
<i>Revenues/Funding Source</i>									
Solid Waste Funds		-	-	-	-	-	-	-	-
Debt Financing			410,000					410,000	
Grant Funds								-	
Total	-	-	410,000	-	-	-	-	410,000	-
<i>Solid Waste Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Sportsplex Capital Projects Summary
Fiscal Years 2018-23

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
<i>New Facilities Projects:</i>									
Field House Expansion Fitness section(1)	950,000							-	
Field House Sports and Recreation Section(1)	2,800,000							-	
Family Change room project (1a)	122,000	100,000						-	
Elevated Connector, Sportsplex to Field House (1b) Storage Facility	125,000		65,000					65,000	
New member locker/shower project (1c)								-	490,000
Fully conditioned (HVAC) Enclosure of soccer field (1d)								-	926,000
<i>Facility Maintenance/Replacement Items:</i>									
Parking Lot Repair/Repave (2)	150,000					75,000		75,000	
HVAC Contingency (12) FY2016-17 Completed	50,000		85,000			100,000		185,000	350,000
IT/Communications/Security Contingency (13)		50,000				50,000		50,000	50,000
Tilt up Panel (exterior wall system) (2)	100,000							-	
Major upgrade of Servers, Telephones (8)	35,000							-	125,000
Signage Upgrade (17)	25,000							-	30,000
Upgrade to High Efficiency Utility Mgmt. System					200,000			200,000	
Replace glass entry doors and install ADA access (19)			20,000	20,000					
<i>Kidsplex</i>									
Kidsplex Equipment Upgrade (10)		50,000				100,000		100,000	100,000
Outside Play Area (6)	45,000							-	
Inflatables (14)	30,000		25,000	5,000		5,000		35,000	25,000
<i>Ice Rink</i>									
Rink concrete ice floor repair (3) Completed								-	
Ice Rink Re-Build (4)					975,000			975,000	
Rink de-humidification /Ice Rink Munters (5)				125,000				125,000	
Major rebuild - compressors/chiller barrel (7)			100,000					100,000	75,000
Rink Scoreboard	20,000							-	
Rink Renovation: Boards; Lockers; Rubberized Floor					175,000			175,000	50,000
Ice Rink/Fitness Wall Repair Paint Project	40,000							-	75,000
<i>Fitness</i>									
Climbing Wall (1a)								-	
Equipment Upgrade/Replace (9) (\$100K Completed)	200,000		100,000		100,000		100,000	300,000	250,000
<i>Pool</i>									
Pool Lane Timer/Scoreboard Completed	15,000					40,000		40,000	
Pool pump/filter (11) Completed	57,000							-	
Pool wall reglaze (2)	125,000							-	
Boiler/Pumps (15)		75,000		50,000		25,000		75,000	100,000
Pools Replaster, Tile, Starter Blocks(16)		150,000				25,000		25,000	150,000
Pool Water Reclamation Project		40,000						-	
Engineering Study for Natatorium Project(18)			20,000					20,000	
Natorium Project (18)			80,000						320,000
Handicap Lift(s)			12,000						
Roof Asset Mgmt. Program (RAMP) recommendations									450,000
Total	4,889,000	465,000	507,000	200,000	1,450,000	420,000	100,000	2,677,000	3,566,000
Revenues/Funding Source									
Sportsplex Fund Balance	1,139,000	465,000	507,000	200,000	300,000	420,000	100,000	1,527,000	2,150,000
Debt Financing	3,750,000				1,150,000	-		1,150,000	1,416,000
Total	4,889,000	465,000	507,000	200,000	1,450,000	420,000	100,000	2,677,000	3,566,000
Impact on Operating Budget									
Personnel Services			80,000	160,000	190,000	220,000	250,000	900,000	1,400,000
Operations			225,000	409,760	404,000	439,540	475,080	1,953,380	2,625,300
Recurring Capital									
New/Add'l Revenue			(504,500)	(1,105,000)	(1,394,000)	(1,412,500)	(1,431,000)	(5,847,000)	(8,285,000)
Total			-	(199,500)	(535,240)	(800,000)	(752,960)	(705,920)	(2,993,620)

1. Project was re-scoped to create premier recreation facility adding courts and turf. Fitness space in Pool Mezzanine moved to Field House for construction synergies. All phases now consolidated to facilitate maximum construction logistics and cost efficiencies. Project broke ground in Nov. 2017. June 2018 completion date.

Field House sports/recreation area includes courts and turf for basketball, volleyball, pickleball, soccer, lacrosse, and proprietary RFP early childhood education programs (e.g. "Lil Kickers") plus Kidsplex pre/after school programs. NOTE: Projected annual incremental financial returns anticipated to cover the annual debt service required for this project. Land acquired and parking plan approved.

(1a) Combined Prior and Current year funding of \$222,000 to construct new Family Change Room. Construction to start June 2018 in space vacated when Kidsplex moves

(1b) Elevated enclosed connector from Sportsplex to Field House to maintain single secure access. Annual savings from staffing a dual entrance are \$80,000.

(1c) Increased members and participants will require expanded/upgraded change rooms. Of equal importance is separating adult fitness members from children swimmer

There may be unused funds available from the re-designed Field House project to escalate to move this project into a future earlier time frame.

(1d) Fully enclosing and conditioning the air for the soccer field would have significantly increased the cost of the Field House project. By building an outdoor turf field now some of the planned programming can still be implemented and determination of the cost/benefit to either just cover the field or fully enclose can be deferred.

(\$592,700 for open air shelter vs. \$926,200 for fully conditioned enclosure)

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

3. Rink floor repair completed and paid out of Operating Funds. Unused funds reallocated to help fund Family/Single User change areas.

4. Permafrost conditions shorten the useful lives of concrete ice rinks similar to how they impact northern road to an 18 year average useful life. 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. Cost revised downward from \$1,500,000 to \$975,000 using RFP Sand Floor proposal. Overall savings of Sand versus Concrete is in excess of \$1mil due to significantly shorter business interruption.

5. Key Munters components replacement in 2015 extending life to 25 years. Full replacement required in FY19-20.

6. Outside play area for Pre-school, After-school and camps.

7. Routine process to extend useful life by 5 years. Moved from FY16-17 to FY17-18 to better spread annual spending.

8. Building wide telephone/intercom scheduled to be completed with major building expansion. Deferred to 2017-18 and will be wired with IT/Security project incorporating Field House (item 13)

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. \$100,000K spent on cardio replacement. Strength equipment deferred to FY17-18 (June) when expanded fitness space is completed.

10. With growth in Kidsplex programs we expect more equipment needs plus increased wear from higher usage.

11. All filters replaced due to shell corrosion. Project completed with savings of \$43,000 from original budget using corrosion free fiberglass shells.

12. Contingency for HVAC equipment. Many units are over 20 years old. Average useful life is 15 years. Replacement of major cooling/heating unit serving change rooms completed January 2017.

13. Replace/upgrade servers, point of sale registers, entry security systems. (see also item (8))

14. Inflatables are a low cost way to generate party and event revenue. Will also be used for children's programs and camps. 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 of any class of commercial/industrial equipment. At end of life. Part of proposed Natatorium project.

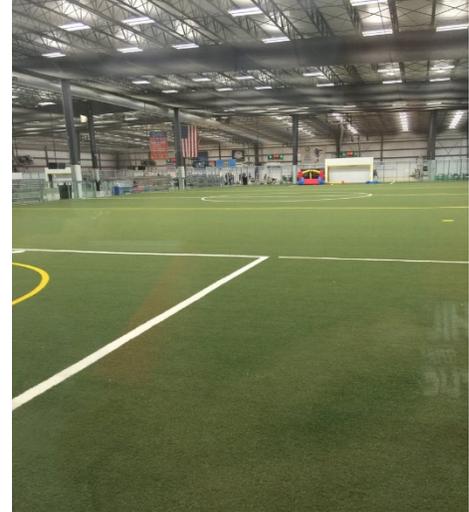
16. Replaster required every 8 years. We are in year 11. Scheduled for May 2018 to work around busiest program weeks.

17. Signs will need to be relocated with Field House. (Deferred)

Sportsplex - New Facilities

Project Category:	Sportsplex Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	4/30/17	New	X
Department:	Sportsplex	Starting Date:	7/1/17	Expansion	
Project Number:	Fund 53	Completion Date:	7/1/18	Renovation	
				Replacement	

Project Description/Justification: Funding in FY 2018-19 of \$65,000 includes an elevated enclosed connecting ramp between the Sportsplex and Field House. Prior Years funding includes the Field House Complex featuring a Sports and Recreation section, Camp, After and Pre-School area and Fitness section, for total funding of \$3,997,000, \$222,000 in reallocated funding from previously unused project funds for a Family/Single User Change Room project, and \$125,000 in reallocated unused capital funds for storage space. Year 1 Operating costs reflect a half year of operation with the overall project costs recovered from net operating revenues over a six year period. Years 6-10 includes new member change area to accommodate growth plus the need to segregate the youth and adult user segments currently using the combined pool/member change areas; and enclosing the outdoor turf field to expand revenue generating programs.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	-
Field House Expansion Fitness section	950,000							-	
Field House Sports and Rec section	2,800,000							-	
Family Change Room project	122,000	100,000						-	
Elevated Connector, Sportsplex to Field House			65,000					65,000	
Storage Facility	125,000							-	
New member locker/shower project								-	490,000
Fully air-conditioned Sports Field enclosure								-	926,000
Equipment/Furnishings								-	
Total Project Budget:	3,997,000	100,000	65,000	-	-	-	-	65,000	1,416,000
<i>Revenues/Funding Source</i>									
Debt Financing	3,750,000							-	1,416,000
Sportsplex Funds	247,000	100,000	65,000	-				65,000	
Total	3,997,000	100,000	65,000	-	-	-	-	65,000	1,416,000
<i>Sportsplex Related Operating Costs</i>									
Personnel Services			80,000	160,000	190,000	220,000	250,000	900,000	1,400,000
Operations			255,000	449,760	484,000	519,540	555,080	2,263,380	3,025,300
Recurring Capital									
New/Addl Revenue			(504,500)	(1,105,000)	(1,394,000)	(1,412,500)	(1,431,000)	(5,847,000)	(8,285,000)
Total Net Operating Costs/(Surplus)		-	(169,500)	(495,240)	(720,000)	(672,960)	(625,920)	(2,683,620)	(3,859,700)

Sportsplex - Facilities Maintenance/Replacement

Project Category:	Sportsplex Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	N/A	New	
Department:	Sportsplex	Starting Date:	07/1/18	Expansion	X
Project Number:	Fund 53	Completion Date:	Ongoing	Renovation	
				Replacement	X

Project Description/Justification: Funding in FY 2018-19 includes \$85,000 to replace HVAC equipment that has reached or exceeded its life expectancy and \$20,000 for replacement exterior and interior access including automatic ADA door openers. In 2019-20 all remaining access doors will be upgraded. Funding in FY 2020-21 includes \$200,000 for an upgrade to a high efficiency utility management system, which is projected to save \$40,000 annually in utility costs. Funding in FY 2021-22 totals \$225,000 for additional parking lot repair/repaving in areas not included in the prior years funding, and scheduled replacement of HVAC equipment and IT/Communications/Security equipment replacement.



FINANCIAL SUMMARY

Project Budget	Funding	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total	Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	-
Parking Lot Repair/Repave	150,000					75,000		75,000	
Tilt Up Panel/Exterior Wall System	100,000							-	
Roofing Replacement									450,000
<i>Equipment/Furnishings</i>									
Signage Upgrade	25,000							-	30,000
HVAC	50,000		85,000			100,000		185,000	350,000
IT/Communications/Security		50,000				50,000		50,000	125,000
Upgrade of Servers, Computers	35,000								50,000
Exterior and Interior ADA Access Doors			20,000	20,000				40,000	
High Efficiency Utility Management System Upgrade					200,000			200,000	
Total Project Budget:	360,000	50,000	105,000	20,000	200,000	225,000	-	550,000	1,005,000
<i>Revenues/Funding Source</i>									
Debt Financing								-	450,000
Sportsplex Funds	360,000	50,000	105,000	20,000	200,000	225,000	-	550,000	555,000
Total	360,000	50,000	105,000	20,000	200,000	225,000	-	550,000	1,005,000
<i>Sportsplex Related Operating Costs</i>									
Personnel Services								-	
Operations					(40,000)	(40,000)	(40,000)	(120,000)	(200,000)
Recurring Capital									
New/Addl Revenue								-	
Total Operating Costs		-	-	-	(40,000)	(40,000)	(40,000)	(120,000)	(200,000)

Sportsplex - Kidsplex

Project Category:	Sportsplex Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	N/A	New	X
Department:	Sportsplex	Starting Date:	7/1/18	Expansion	
Project Number:	Fund 53	Completion Date:	Ongoing	Renovation	
				Replacement	X

Project Description/Justification: Funding in FY2017-18 was authorized for additional Kidsplex equipment to accommodate the growth in Kidsplex programs. Funding in FY 2018-19 and FY 2019-20 includes \$30,000 for additional purchase of inflatables, to be positioned in space created by the Field House project. Funding in FY 2021-22 includes \$105,000 for additional and/or replacement Kidsplex equipment, as well as inflatables.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2021-22	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	-
Equipment/Furnishings								-	
Kidsplex Equipment Upgrade		50,000				100,000		100,000	100,000
Outside Play Area	45,000							-	
Inflatables	30,000		25,000	5,000		5,000		35,000	25,000
Total Project Budget:	75,000	50,000	25,000	5,000	-	105,000	-	135,000	125,000
<i>Revenues/Funding Source</i>									
Debt Financing								-	
Sportsplex Funds	75,000	50,000	25,000	5,000	-	105,000	-	135,000	125,000
Total	75,000	50,000	25,000	5,000	-	105,000	-	135,000	125,000
<i>Sportsplex Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Sportsplex - Ice Rink

Project Category:	Sportsplex Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	Sportsplex	Starting Date:	7/01/20	Expansion	
Project Number:	Fund 53	Completion Date:	11/30/20	Renovation	x
				Replacement	x

Project Description/Justification: Funding in FY2018-19 includes \$100,000 for major rebuild of compressors and chiller barrel. Funding in FY 2019-20 includes \$125,000 for replacement of rink de-humidification unit. Funding in FY 2020-21 includes \$975,000 for ice rink re-build. In 2020, the rink will be 25 years old and is at its life expectancy. The re-build is planned to protect this significant source of annual income to the Sportsplex Fund. FY 2020-21 also includes renovations to the ice rink locker areas, rubberized flooring, and plexi-glass.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	-
Ice Rink Re-build					975,000			975,000	
Major Re-build - Compressors/Chiller barrel			100,000					100,000	75,000
Ice Rink Renovation: Boards, Lockers, Floor					175,000			175,000	75,000
Ice Rink/Fitness: Wall Repair/Painting	40,000							-	50,000
Equipment/Furnishings								-	
Rink Scoreboard	20,000							-	
Rink De-humidification				125,000				125,000	
Total Project Budget:	60,000	-	100,000	125,000	1,150,000	-	-	1,375,000	200,000
<i>Revenues/Funding Source</i>									
Debt Financing					1,150,000			1,150,000	
Sportsplex Funds	60,000	-	100,000	125,000				-	200,000
Total	60,000	-	100,000	125,000	1,150,000	-	-	1,375,000	200,000
<i>Sportsplex Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Sportsplex - Fitness

Project Category:	Sportsplex Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	N/A	New	X
Department:	Sportsplex	Starting Date:	7/1/18	Expansion	
Project Number:	Fund 53	Completion Date:	Ongoing	Renovation	
				Replacement	X

Project Description/Justification: Funding in FY 2018-19, FY 2020-21, and FY 2022-23 includes \$100,000 in each fiscal year for replacement and upgrades of fitness equipment. Based on industry standards, heavy use commercial cardio equipment has a useful life of approximately 3 years.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings								-	
Fitness Equipment (Upgrade/Replacement)	200,000		100,000		100,000		100,000	300,000	250,000
Total Project Budget:	200,000	-	100,000	-	100,000	-	100,000	300,000	250,000
<i>Revenues/Funding Source</i>									
Debt Financing								-	
Sportsplex Funds	200,000		100,000		100,000		100,000	300,000	250,000
Total	200,000	-	100,000	-	100,000	-	100,000	300,000	250,000
<i>Sportsplex Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Sportsplex - Pool

Project Category:	Sportsplex Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	N/A	New	X
Department:	Sportsplex	Starting Date:	7/1/18	Expansion	
Project Number:	Fund 53	Completion Date:	6/30/23	Renovation	
				Replacement	X

Project Description/Justification: Funding in FY 2018-19 includes \$20,000 for a comprehensive Natatorium study (relocated from a project funded from operations) as well as \$80,000 as a contingency to replace the compressors on one of the two major pool HVAC systems that are experiencing premature end of life failure. Funding in FY 2018-19 also includes \$12,000 for handicap pool lifts to complement the handicap ramp currently in place as a result of more users with disabilities using both pools. Funding in FY 2019-20 includes \$50,000 for boilers and pumps repair/replacement, and FY 2021-22 includes a total of \$90,000 for replacement and upgrade of the pool lane timer/scoreboard, additional boiler and pumps repair/replacement, and repairs to the pool plaster and tile. Years 6-10 includes contingency funding based on the results of the Natatorium study related to the pool HVAC systems.

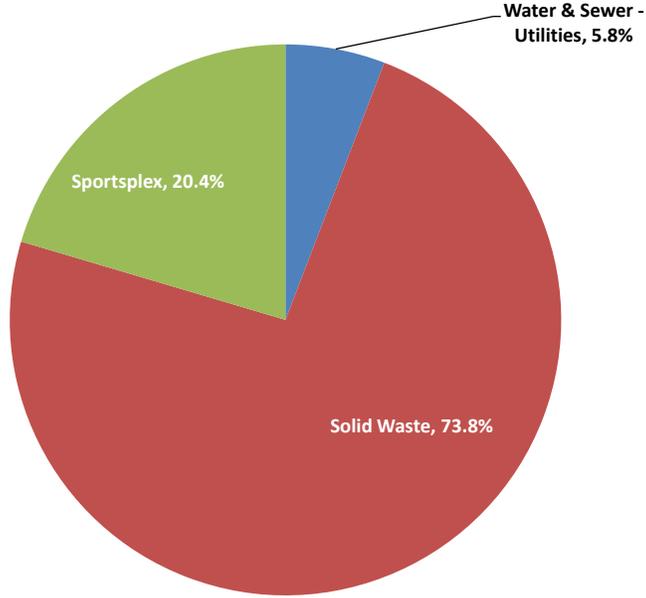


FINANCIAL SUMMARY

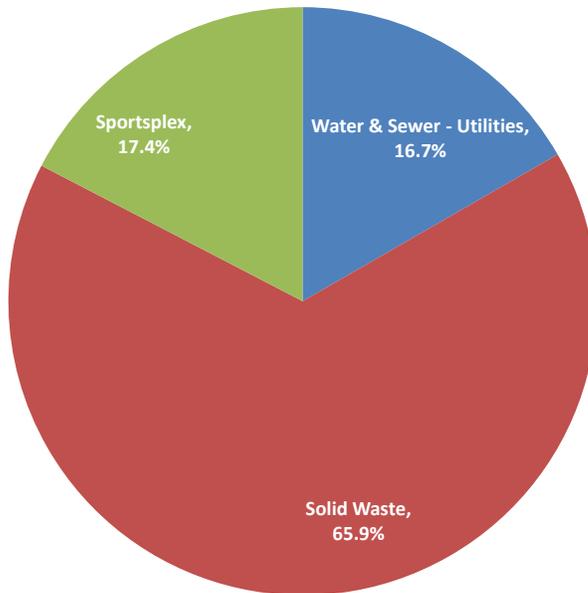
Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Pool Wall Reglaze	125,000							-	
Pools Replaster/Tile/Blocks		150,000				25,000		25,000	150,000
Pool Water Reclamation Project		40,000						-	
Equipment/Furnishings								-	
Pool Lane Timer/Scoreboard	15,000					40,000		40,000	
Pool Pumper/Filter	57,000							-	
Boiler/Pumps		75,000		50,000		25,000		75,000	100,000
Natatorium Equipment Replacement Project			80,000					-	320,000
Natatorium Engineering Study			20,000					20,000	
Handicap Lift(s)			12,000					-	
Total Project Budget:	197,000	265,000	112,000	50,000	-	90,000	-	252,000	570,000
<i>Revenues/Funding Source</i>									
Debt Financing								-	
Sportsplex Funds	197,000	265,000	112,000	50,000	-	90,000	-	252,000	570,000
Total	197,000	265,000	112,000	50,000	-	90,000	-	252,000	570,000
<i>Sportsplex Related Operating Costs</i>									
Personnel Services								-	
Operations			(30,000)	(40,000)	(40,000)	(40,000)	(40,000)	(190,000)	(200,000)
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	(30,000)	(40,000)	(40,000)	(40,000)	(40,000)	(190,000)	(200,000)

**FY 2018-23 Orange County Capital Investment Plan Projects
Proprietary Summary - Appropriations**

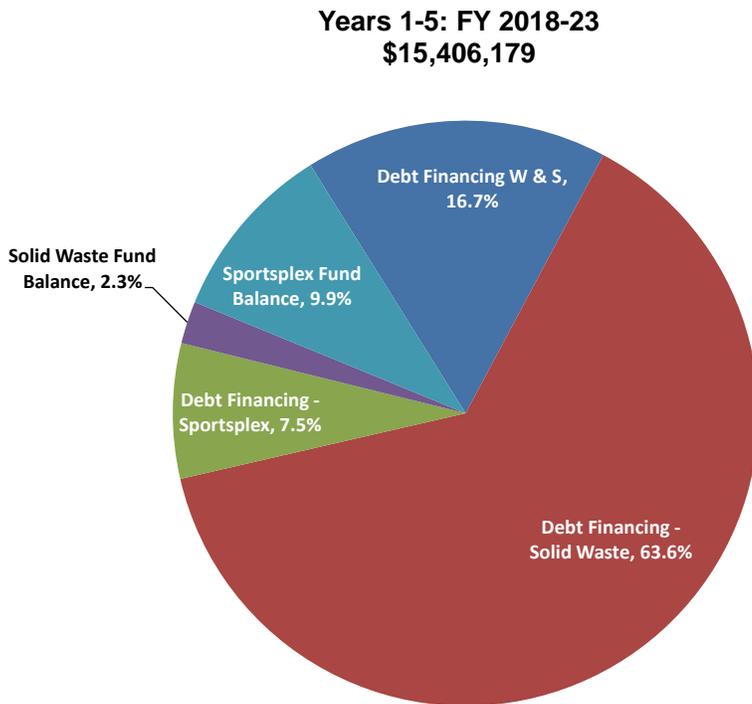
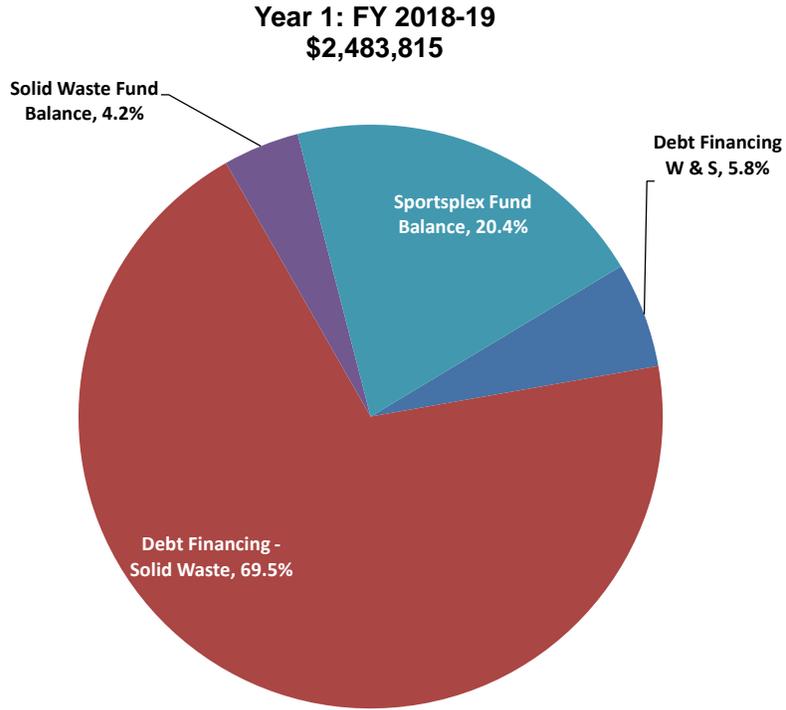
**Year 1: FY 2018-19
\$2,483,815**



**Years 1-5: FY 2018-23
\$15,406,179**



**FY 2018-23 Orange County Capital Investment Plan Projects
Proprietary Summary - Funding Sources**



Schools Capital Projects Summary - RECOMMENDED
Fiscal Years 2018-23

Projects by School System	Fiscal Year 2016-17	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Chapel Hill Carrboro City Schools									
<i>Long Range Capital</i>									
Debt Financing - Capital Projects ⁽¹⁾	2,283,027		1,147,108	2,435,364	2,484,072	2,533,753	2,584,428	11,184,726	13,718,456
Lottery Proceeds ⁽²⁾	828,330	815,174	823,312	823,312	823,312	823,312	823,312	4,116,559	4,116,559
Article 46 Sales Tax Proceeds ⁽³⁾	903,670	1,055,203	1,108,367	1,152,702	1,198,810	1,246,763	1,296,633	6,003,276	7,303,903
Facility Improvements to Older Schools	600,900	601,000	607,000	607,000	607,000			1,821,000	
2/3 Net Debt Bonds		2,317,658	1,240,504					1,240,504	
Recurring Capital Items			1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,105,000
Deferred Maintenance Projects ⁽⁴⁾									31,515,493
Bond Referendum Projects ⁽⁵⁾		72,108,000						-	
Total	4,615,927	76,897,035	6,747,291	6,839,378	6,934,194	6,424,828	6,525,373	33,471,065	65,759,411
Orange County Schools									
<i>Long Range Capital</i>									
Debt Financing - Capital Projects ⁽¹⁾	1,516,319		742,691	1,576,768	1,608,303	1,640,469	1,673,279	7,241,510	8,881,967
Lottery Proceeds ⁽²⁾	528,032	541,188	533,050	533,050	533,050	533,050	533,050	2,665,251	2,665,251
Article 46 Sales Tax Proceeds ⁽³⁾	600,193	700,543	717,609	746,313	776,165	807,212	839,501	3,886,799	4,728,886
Facility Improvements to Older Schools	399,100	399,000	393,000	393,000	393,000			1,179,000	
2/3 Net Debt Bonds		1,538,678	803,160					803,160	
Recurring Capital Items			1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
Deferred Maintenance Projects ⁽⁴⁾									9,005,840
Bond Referendum Projects ⁽⁵⁾		15,964,000		15,964,000		15,964,000		31,928,000	
Total	3,043,644	19,143,409	4,368,510	20,392,131	4,489,518	20,123,731	4,224,830	53,598,720	31,176,944
Durham Tech Community College (Orange County Campus)									
<i>Long Range Capital</i>									
State Bond - County Match ⁽⁶⁾						714,290		714,290	
Construction/Expansion Project ⁽⁷⁾							7,437,389	7,437,389	15,396,232
Total	-	-	-	-	-	714,290	7,437,389	8,151,679	15,396,232
Total all Schools	7,659,571	96,040,444	11,115,801	27,231,509	11,423,713	27,262,849	18,187,592	95,221,462	112,332,587
Revenues/Funding Source									
General Fund (Pay-As-You-Go)	3,799,346	-							
Lottery Proceeds	1,356,362	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	1,503,863	1,755,746	1,825,976	1,899,015	1,974,976	2,053,975	2,136,134	9,890,075	12,032,787
Debt Financing - Durham Tech (Orange Co Campus)						714,290	7,437,389	8,151,679	15,396,232
Debt Financing - Bond Proceeds		88,072,000		15,964,000		15,964,000		31,928,000	
Debt Financing - 2/3 Net Debt Bonds		3,856,336	2,043,664					2,043,664	
Debt Financing - School Capital/Facility Improvements	1,000,000	1,000,000	5,889,799	8,012,132	8,092,375	7,174,222	7,257,707	36,426,235	78,121,756
Total	7,659,571	96,040,444	11,115,801	27,231,509	11,423,713	27,262,849	18,187,592	95,221,462	112,332,587

Note: School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need. The FY 2018-23 CIP is based on the most recent proposed SAPFO projections shared with the Board of County Commissioners in December 2017, scheduled to be certified in Spring 2018.

⁽¹⁾ Debt Financing is assumed to be utilized beginning in Year 1 for School Capital Projects instead of previously used Pay-As-You-Go funds; reflects a 2.0% annual growth throughout the 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⁾ Article 46 Sales Tax Proceeds reflect a 4.0% annual growth throughout the years of the CIP.

⁽⁴⁾ Includes deferred maintenance items related to the Facilities Assessment findings from both school systems; it does not include items/projects that add to school capacity.

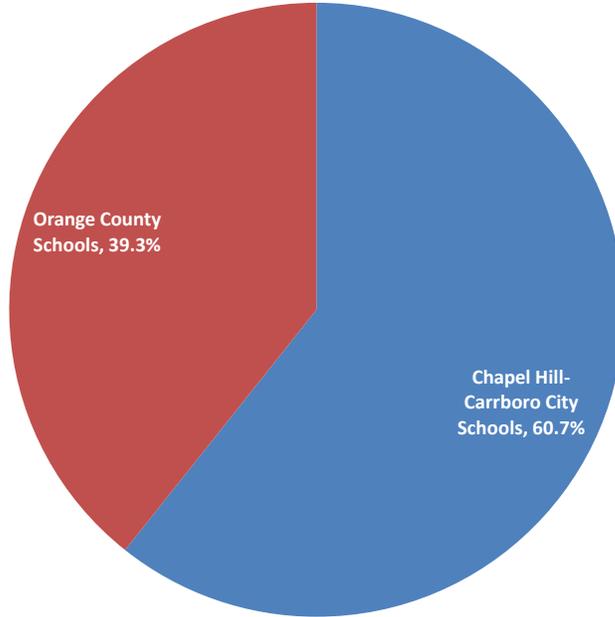
⁽⁵⁾ Bond Referendum approved by voters in November 2016, with first issuance in Fall 2017, based on ADM at time of Bond Referendum approval.

⁽⁶⁾ Includes the County match for the Durham Technical Community College - Orange County Campus, based on the voter approved March 2016 State Bond.

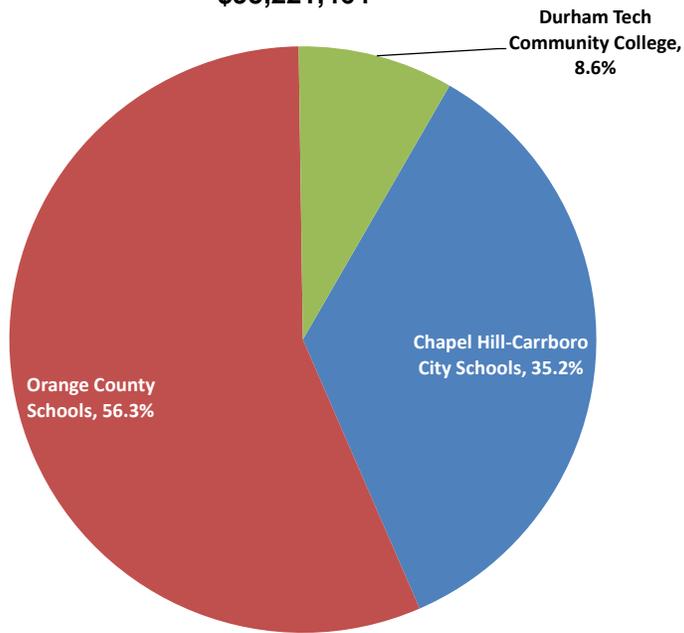
⁽⁷⁾ Includes construction of a Health Technology Building (56,000 square foot) and surface parking of 250 spaces.

**FY 2018-23 Orange County Capital Investment Plan Projects
School Summary - Appropriations**

**Year 1: FY 2018-19
\$11,115,801**

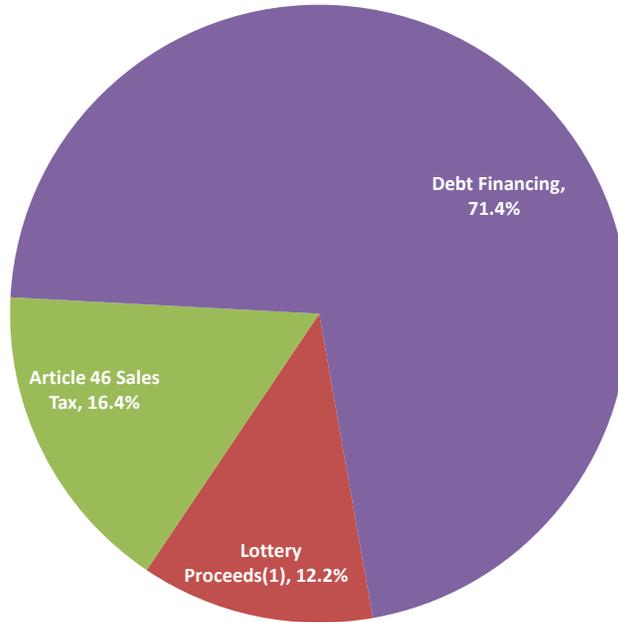


**Years 1-5: FY 2018-23
\$95,221,464**

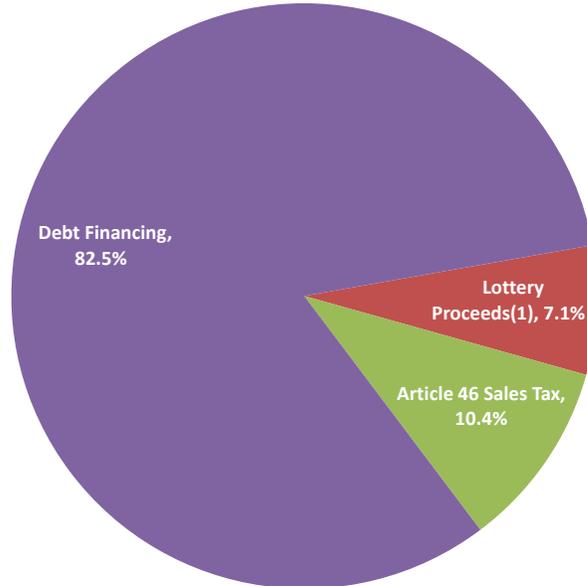


**FY 2018-23 Orange County Capital Investment Plan Projects
School Summary - Funding Sources**

**Year 1: FY 2018-19
\$11,115,801**



**Years 1-5: FY 2018-23
\$95,221,464**



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

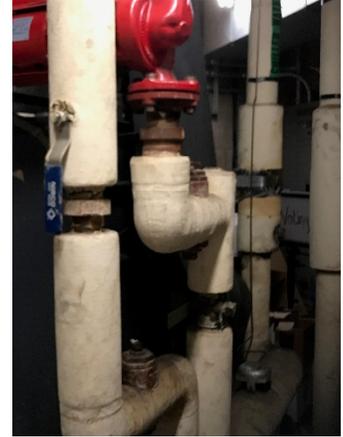
Note 2: School Construction is guided by the Schools Adequate Public Facilities Ordinance (SAPFO) projections of capacity and need.

(1) 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 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).

Abatement Projects

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54001	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$150,000 in FY 2018-19 includes district abatement projects and the removal of asbestos floor tile at Phillips Middle School. Funding of \$50,000 is included in each subsequent fiscal year for abatement projects throughout the district.



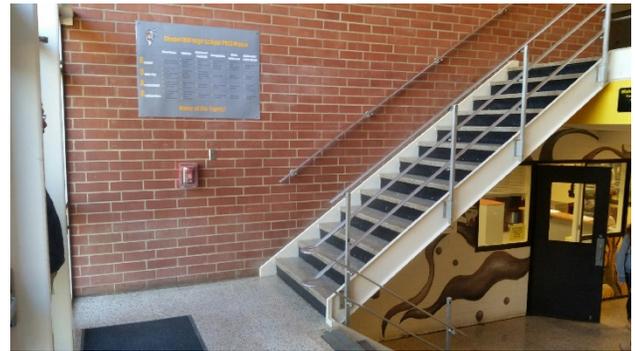
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	530,080	50,000	150,000	50,000	50,000	50,000	50,000	350,000	250,000
Equipment/Furnishings								-	
Total Project Budget:	530,080	50,000	150,000	50,000	50,000	50,000	50,000	350,000	250,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	530,080	-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		50,000	150,000	50,000	50,000	50,000	50,000	350,000	250,000
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements								-	
Grant Funds								-	
Total	530,080	50,000	150,000	50,000	50,000	50,000	50,000	350,000	250,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

ADA Requirements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54000	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding in FY2018-19 through FY 2020-21 includes \$35,000 each fiscal year to make necessary facility improvements to comply with ADA requirements. Funding increases to \$50,000 for FY 2021-22 and FY 2022-23.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	310,616	35,000	35,000	35,000	35,000	50,000	50,000	205,000	250,000
Equipment/Furnishings								-	
Total Project Budget:	310,616	35,000	35,000	35,000	35,000	50,000	50,000	205,000	250,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	310,616	-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		35,000	35,000	35,000	35,000	50,000	50,000	205,000	250,000
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements								-	
Grant Funds								-	
Total	310,616	35,000	35,000	35,000	35,000	50,000	50,000	205,000	250,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Athletic Facilities

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54002	Completion Date:	6/30/20	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$150,000 in FY2017-18 included athletic field improvements at Chapel Hill High School. Funding of \$162,262 in FY 2018-19 includes athletic field improvements at Carrboro High School, and funding of \$175,000 in FY 2019-20 and \$91,282 in FY 2020-21 includes athletic field improvements at East Chapel Hill High School.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	1,195,000	150,000	162,262	175,000	91,282			428,544	500,000
Equipment/Furnishings								-	
Total Project Budget:	1,195,000	150,000	162,262	175,000	91,282	-	-	428,544	500,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	959,088	-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)								-	500,000
Debt Financing - 2/3 Net Debt Bonds	235,912	150,000	162,262					162,262	
Debt Financing - School Improvements				175,000	91,282			266,282	
Grant Funds								-	
Total	1,195,000	150,000	162,262	175,000	91,282	-	-	428,544	500,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Classroom/Building Improvements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	53025	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$450,000 in FY 2017-18 included science classroom casework improvements at Phillips Middle School, and playground improvements at McDougle Elementary. Funding of \$330,000 in FY 2018-19 includes caswork and bathroom improvements at Seawell Elementary, media center, cafeteria and bathroom improvements at Phillips Middle School, and art classroom casework improvements at Smith Middle School. Funding of \$386,374 in FY 2019-20 includes casework and bathroom improvements at Seawell Elementary, and continued media center, cafeteria and bathroom improvements at Phillips Middle School, and playgrounds improvements at Seawell Elementary, Carrboro Elementary, and Estes Hills Elementary.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	1,525,607	450,000	330,000	386,374				716,374	4,309,497
Equipment/Furnishings								-	
Total Project Budget:	1,525,607	450,000	330,000	386,374	-	-	-	716,374	4,309,497
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,275,607	-						-	
From Article 46 Sales Tax Proceeds							-	-	3,615,853
Addtl PAYG (from Lottery Proceeds)		66,000						-	500,000
Debt Financing - 2/3 Net Debt Bonds	250,000	384,000	330,000					330,000	
Debt Financing - School Improvements				386,374				386,374	193,644
Grant Funds								-	
Total	1,525,607	450,000	330,000	386,374	-	-	-	716,374	4,309,497
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Deferred Maintenance Projects

Project Category:	School Capital	Project Status:	New	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD		New
District:	Chapel Hill-Carrboro City Schools	Starting Date:	TBD		Expansion
Project Number:	Various	Completion Date:	TBD		Renovation X
					Replacement X

Project Description/Justification: To address deferred maintenance issues as identified in the school system's Facilities Assessment study.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	31,515,493
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	-	-	-	-	-	-	-	-	31,515,493
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)								-	
From Article 46 Sales Tax Proceeds								-	
From Bond Proceeds								-	
Debt Financing - Older Facilities								-	
Debt Financing - Deferred Maintenance								-	31,515,493
Grant Funds								-	
<i>Total</i>	-	-	-	-	-	-	-	-	31,515,493
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-

Doors/Hardware/Canopies

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	53023	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$58,138 in FY 2018-19 includes hardware and door replacements in several schools district-wide. Funding of \$233,138 in FY 2019-20 includes continued hardware and door replacements in the district and installation of a canopy at the kiss and go drop off at Frank Porter Graham Elementary. Funding of \$258,138 in FY 2020-21 includes continued hardware and door replacements in the district and a canopy at the kiss and go drop off at Ephesus Elementary. Funding of \$108,138 in FY 2021-22 and FY 2022-23 includes continued hardware and door replacements in the district.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	433,033	50,000	58,138	233,138	258,138	108,138	108,138	765,690	310,690
Equipment/Furnishings								-	
Total Project Budget:	433,033	50,000	58,138	233,138	258,138	108,138	108,138	765,690	310,690
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	433,033							-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		50,000	58,138	233,138	258,138	108,138	108,138	765,690	310,690
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements								-	
Grant Funds								-	
Total	433,033	50,000	58,138	233,138	258,138	108,138	108,138	765,690	310,690
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Electrical Systems

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	53026	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding in each fiscal year ranges from \$125,000 to \$150,000 to increase electrical distribution in schools throughout the district.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2021-22	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	980,852	100,000	125,000	125,000	150,000	150,000	150,000	700,000	650,000
Equipment/Furnishings								-	
Total Project Budget:	980,852	100,000	125,000	125,000	150,000	150,000	150,000	700,000	650,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	980,852							-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)					7,000	150,000	150,000	307,000	375,870
Debt Financing - 2/3 Net Debt Bonds		100,000	125,000					125,000	
Debt Financing - School Improvements				125,000	143,000			268,000	274,130
Grant Funds								-	
Total	980,852	100,000	125,000	125,000	150,000	150,000	150,000	700,000	650,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Energy Efficiency/Lighting Improvements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54003	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$125,000 in FY 2017-18 included converting pneumatic controls to digital controls at East Chapel Hill High. Funding of \$231,731 in FY 2018-19 and \$200,000 in FY 2019-20 includes complete conversion from pneumatic to digital controls at McDougle Elementary; Funding of \$250,000 in FY 2020-21 includes replacement of lighting upgrades at Frank Porter Graham Elementary. Funding of \$200,000 in both FY 2020-21 and 2021-22 includes replacement of pneumatic controls at Ephesus and Seawell Elementary Schools and energy efficiency and lighting improvements at schools yet to be determined.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	350,000	125,000	231,867	200,000	250,000	200,000	200,000	1,081,867	500,000
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	350,000	125,000	231,867	200,000	250,000	200,000	200,000	1,081,867	500,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	350,000	-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		107,323		200,000	250,000	200,000	200,000	850,000	500,000
Debt Financing - 2/3 Net Debt Bonds		17,677	218,174					218,174	
Debt Financing - School Improvements			13,693					13,693	
Grant Funds								-	
<i>Total</i>	350,000	125,000	231,867	200,000	250,000	200,000	200,000	1,081,867	500,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Fire/Safety/Security Systems

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54004	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding ranges from \$100,000 to \$200,000 in each fiscal year for security systems and camera upgrades/expansions at several schools throughout the district. Funding of \$200,000 in FY 2018-19 includes intercom systems at Frank Porter Graham Elementary and East Chapel Hill High School, and security systems and camera upgrades/expansions at schools district-wide.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	1,160,000	150,000	200,000	100,000	150,000	200,000	200,000	850,000	500,000
Equipment/Furnishings								-	
Total Project Budget:	1,160,000	150,000	200,000	100,000	150,000	200,000	200,000	850,000	500,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,080,000							-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)	80,000	50,000	50,000	100,000				150,000	500,000
Debt Financing - 2/3 Net Debt Bonds		100,000	150,000					150,000	
Debt Financing - School Improvements					150,000	200,000	200,000	550,000	
Grant Funds								-	
Total	1,160,000	150,000	200,000	100,000	150,000	200,000	200,000	850,000	500,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Indoor Air Quality Improvements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54005	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding ranges from \$25,000 to \$75,000 in FY 2018-19 through FY 2022-23 for indoor air quality improvement projects at several schools throughout the district.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	501,340	20,000	25,000	50,000	50,000	50,000	75,000	250,000	200,000
Equipment/Furnishings	125,000							-	
Total Project Budget:	626,340	20,000	25,000	50,000	50,000	50,000	75,000	250,000	200,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	534,700							-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)	91,640	20,000	25,000	50,000	50,000	50,000	75,000	250,000	200,000
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements								-	
Grant Funds								-	
Total	626,340	20,000	25,000	50,000	50,000	50,000	75,000	250,000	200,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Major Facility Renovations

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	X
Project Number:	Bond Projects	Completion Date:	4/30/21	Renovation	X
				Replacement	X

Project Description/Justification: Funding totaling \$72,108,000 from voter approved bond proceeds and \$4,746,854 in financing proceeds, in fiscal years 2017-18 through FY 2022-23, includes reconstruction of Chapel Hill High School to address critical maintenance issues including HVAC system updates, ADA updates, insufficient educational spaces, outdated science labs, and facility deterioration, and funds for Lincoln Center improvements. Also, included in Years 1-5 are Contingency funds from IT reductions within the district, and in Years 1-3 the district's portion (\$607,000) of the \$1,000,000 provided to both school districts for older facilities improvements.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Lincoln Center		6,298,175						-	
Chapel Hill High School	600,900	65,809,825						-	
Contingency Funds		601,000	1,123,600	1,294,167	667,547	705,055	956,485	4,746,854	661,442
Equipment/Furnishings								-	
Total Project Budget:	600,900	72,709,000	1,123,600	1,294,167	667,547	705,055	956,485	4,746,854	661,442
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)								-	
From Article 46 Sales Tax Proceeds								-	
From Bond Proceeds		72,108,000	-	-	-	-		-	
Debt Financing - Older Facilities	600,900	601,000	607,000	607,000	607,000			1,821,000	
Debt Financing			516,600	687,167	60,547	705,055	956,485	2,925,854	661,442
Grant Funds								-	
Total	600,900	72,709,000	1,123,600	1,294,167	667,547	705,055	956,485	4,746,854	661,442
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Mechanical Systems

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54006	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$580,765 in FY 2018-19 includes replacement of cooling tower at Carrboro Elementary, boiler replacements at Estes Hills Elementary, Glenwood Elementary, and Carrboro Elementary, HVAC rooftop units at Culbreth Middle, HVAC rooftop units at Ephesus Elementary, and air handler replacement at Frank Porter Graham Elementary. Funding of \$582,048 in FY 2019-20 includes replacement of HVAC rooftop units at Ephesus Elementary, and POD classroom HVAC units at Seawell Elementary. Funding of \$805,330 in FY 2020-21 includes chiller replacements at Smith Middle and POD classroom HVAC units at Seawell Elementary. Funding of \$629,544 in FY 2021-22 includes pneumatic controls replacement at McDougale Middle and chiller replacements at Smith Middle. Funding of \$654,725 includes additional mechanical systems replacements at other schools yet to be determined.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings	3,449,416	705,317	580,765	582,048	805,330	629,544	654,725	3,252,412	698,925
<i>Total Project Budget:</i>	3,449,416	705,317	580,765	582,048	805,330	629,544	654,725	3,252,412	698,925
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,774,246							-	
Addtl PAYG (from Lottery Proceeds)	959,247							-	
From Article 46 Sales Tax Proceeds	451,835	527,602	580,765	582,048	605,330	629,544	654,725	3,052,412	
Debt Financing - 2/3 Net Debt Bonds	264,088	177,715						-	
Debt Financing - School Improvements					200,000			200,000	698,925
Grant Funds								-	
<i>Total</i>	3,449,416	705,317	580,765	582,048	805,330	629,544	654,725	3,252,412	698,925
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Paving/Parking Lots/Driveways/Walkways

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54008	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$75,000 in FY 2017-18 included bus driveway and parking lot paving at McDougle Middle. Funding of \$100,000 in FY 2018-19 includes bus driveway and parking lot paving at East Chapel Hill High. Funding of \$41,558 in FY 2021-22 and \$54,506 in FY 2022-23 includes additional improvements at schools yet to be determined.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	605,000	75,000	100,000			41,558	54,506	196,064	
Equipment/Furnishings								-	
Total Project Budget:	605,000	75,000	100,000	-	-	41,558	54,506	196,064	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	605,000							-	-
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		75,000	100,000		-	41,558	-	141,558	
Debt Financing - School Improvements							54,506	54,506	
Grant Funds								-	
Total	605,000	75,000	100,000	-	-	41,558	54,506	196,064	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Recurring Capital Projects

Project Category:	School Capital	Project Status:	New	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	TBD	Expansion	
Project Number:	Various	Completion Date:	TBD	Renovation	X
				Replacement	X

Project Description/Justification: To address recurring capital projects as identified by the school system each fiscal. The \$1,821,000 each fiscal year represents CHCCS portion, based on the current ADM, of the \$3,000,000 provided schools each year for recurring capital projects. The funding source for these annual projects used to be pay-as-you-go, but beginning in FY 2018-19, they will be debt financed. Examples of FY 2018-19 projects include: furnishings and equipment at schools district-wide, drainage improvements, carpet/tile installation, roof repairs, and mechanical and plumbing repairs/renovations.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations			1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,195,000
Equipment/Furnishings								-	
Total Project Budget:	-	-	1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,195,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)								-	
From Article 46 Sales Tax Proceeds								-	
From Bond Proceeds								-	
Debt Financing - School Improvements			1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,195,000
Debt Financing - Deferred Maintenance								-	
Grant Funds								-	
Total	-	-	1,821,000	1,821,000	1,821,000	1,821,000	1,821,000	9,105,000	9,195,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Rental Space

Project Category:	School Capital	Project Status:	Active	Project Type
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion
Project Number:	54019	Completion Date:	Ongoing	Renovation Replacement

Project Description/Justification: Funding ranges from \$137,000 to \$148,000 in each fiscal year for rental space needs in the district.

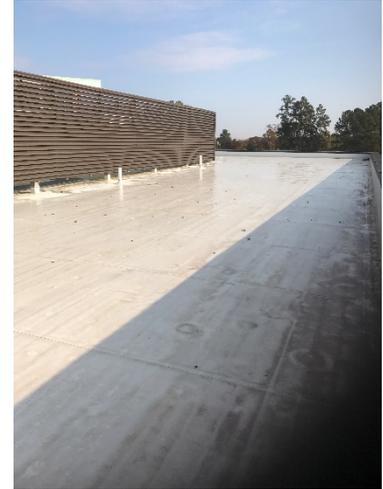
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	131,000	134,000	137,000	140,000	143,000	145,000	148,000	713,000	730,000
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	131,000	134,000	137,000	140,000	143,000	145,000	148,000	713,000	730,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	131,000							-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		134,000	137,000	140,000	143,000	145,000	148,000	713,000	730,000
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements								-	
Grant Funds								-	
<i>Total</i>	131,000	134,000	137,000	140,000	143,000	145,000	148,000	713,000	730,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
<i>Total Operating Costs</i>		-	-	-	-	-	-	-	-

Roofing/Building Waterproofing

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/20	Expansion	
Project Number:	54012	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$200,000 in FY 2020-21 includes brick pointing and envelope seal at Scroggs Elementary. Funding of \$568,401 in FY 2022-23 includes roof replacement and building envelope sealing at Smith Middle.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	5,811,723				200,000		568,401	768,401	2,500,000
Equipment/Furnishings								-	
Total Project Budget:	5,811,723	-	-	-	200,000	-	568,401	768,401	2,500,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,181,723		-	-				-	
From Article 46 Sales Tax Proceeds	4,630,000							-	
Qualified School Construction Bonds					200,000		568,401	768,401	2,500,000
Debt Financing - School Improvements								-	
Grant Funds								-	
Total	5,811,723	-	-	-	200,000	-	568,401	768,401	2,500,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Stormwater Management

Project Category:	School Capital	Project Status:	New	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD		
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	New	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding ranges from \$50,000 to \$115,000 per fiscal year for stormwater improvements at several schools throughout the district and for surface water correction at Frank Porter Graham Elementary in FY 2018-19 and FY 2019-20.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations		50,000	50,000	115,000	50,000	50,000	60,000	325,000	200,000
Equipment/Furnishings								-	
Total Project Budget:	-	50,000	50,000	115,000	50,000	50,000	60,000	325,000	200,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)		-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		50,000	50,000	15,174	30,174	28,616	42,174	166,138	
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements				99,826	19,826	21,384	17,826	158,862	200,000
Grant Funds								-	
Total	-	50,000	50,000	115,000	50,000	50,000	60,000	325,000	200,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-		-	-	-	-	-	-	-

Technology Plan

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Chapel Hill-Carrboro City Schools	Starting Date:	7/1/17	Expansion	
Project Number:	54013	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Total funding ranges from \$1,429,118 to \$2,224,533 each fiscal year for network infrastructure, enterprise software, and computers and technology improvements and replacements/enhancements in schools throughout the district. Funding from Article 46 Sales Tax proceeds ranges from \$527,602 to \$641,908 each fiscal year and is related to the 1:1 student access computing devices initiative.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings	12,272,939	2,093,718	1,617,659	1,532,651	2,212,897	2,224,533	1,429,118	9,016,858	12,878,365
<i>Total Project Budget:</i>	12,272,939	2,093,718	1,617,659	1,532,651	2,212,897	2,224,533	1,429,118	9,016,858	12,878,365
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	11,821,104							-	
From Article 46 Sales Tax Proceeds	451,835	527,601	527,602	570,654	593,480	617,219	641,908	2,950,863	3,615,852
Addtl PAYG (from Lottery Proceeds)		177,851						-	
Debt Financing - 2/3 Net Debt Bonds		1,388,266						-	
Debt Financing - School Improvements			1,090,057	961,997	1,619,417	1,607,314	787,210	6,065,995	9,262,513
Grant Funds								-	
<i>Total</i>	12,272,939	2,093,718	1,617,659	1,532,651	2,212,897	2,224,533	1,429,118	9,016,858	12,878,365
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
<i>Total Operating Costs</i>		-	-	-	-	-	-	-	-

Abatement Projects

Project Category:	School Capital	Project Status:	Active	Project Type
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New
District:	Orange County Schools	Starting Date:	7/1/17	Expansion
Project Number:	51001	Completion Date:	6/30/222	Renovation X
				Replacement X

Project Description/Justification: Funding in FY 2017-18 of \$50,000 for abatement at various facilities district-wide.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations		50,000			-	-		-	-
Equipment/Furnishings								-	
Total Project Budget:	-	50,000	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)		-						-	-
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)			-	-	-	-		-	
Debt Financing - 2/3 Net Debt Bonds		50,000						-	
Grant Funds								-	
Total	-	50,000	-	-	-	-	-	-	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-		-	-	-	-	-	-	-

ADA Requirements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51005	Completion Date:	6/30/18	Renovation	X
				Replacement	X

Project Description/Justification: Funding in FY2017-18 included \$16,000 to install an accessible ramp at the kitchen area at Cameron Park Elementary.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	583,300	16,000						-	-
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	583,300	16,000	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	583,300			-	-	-	-	-	-
From Article 46 Sales Tax Proceeds									
Debt Financing - 2/3 Net Debt Bonds		16,000	-					-	
Grant Funds								-	
<i>Total</i>	583,300	16,000	-	-	-	-	-	-	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Athletic Facilities

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51027	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding in FY2017-18 included replacement of washers and dryers at Cedar Ridge and Orange High Schools, repavement of walking track at New Hope Elementary, and tennis court reconstruction design at Orange High School. Funding in FY 2018-19 includes track resurfacing and tennis court reconstruction at Orange High School. FY 2019-20 funding includes setting aside funds for future anticipated athletic field and facility improvements at various schools that will require multi-year funding.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	951,067	42,500	250,000	200,000				450,000	225,000
Equipment/Furnishings		25,000						-	
Total Project Budget:	951,067	67,500	250,000	200,000	-	-	-	450,000	225,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	951,067						-	-	-
From Article 46 Sales Tax Proceeds									
Debt Financing - 2/3 Net Debt Bonds		67,500						-	
Debt Financing - School Improvements			250,000	200,000				450,000	225,000
Grant Funds								-	
Total	951,067	67,500	250,000	200,000	-	-	-	450,000	225,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Classroom/Building Improvements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51025	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$543,500 in FY 2017-18 included upgrade science classrooms at Cedar Ridge High School and Gravelly Hill Middle School, BMP reconstruction at Gravelly Hill Middle School, a brick exterior engineering study for Central Elementary, a drainage engineering study for Pathways Elementary, upgrade science classrooms at C.W. Stanford Middle, and implementation of facilities assessment findings district-wide. Funding of \$477,362 in FY 2018-19 includes exterior resurfacing work at Cameron Park Elementary, drainage improvements at Pathways Elementary, upgrade science classrooms at Orange High School, and upfit and infrastructure work at Corporate Drive property. Funding of \$512,426 in FY 2019-20, \$609,862 in FY 2020-21, \$369,758 in FY 2021-22, and \$369,758 in FY 2022-23 includes funds for classroom/building improvements at various schools district-wide.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services		50,000					369,758	369,758	1,412,082
Construction/Repairs/Renovations	4,332,707	239,500	241,862	414,426	216,862	369,758		1,242,908	600,000
Improvements to Older Facilities	254,100	254,000	235,500	98,000	393,000			726,500	
Equipment/Furnishings								-	
Total Project Budget:	4,586,807	543,500	477,362	512,426	609,862	369,758	369,758	2,339,166	2,012,082
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,385,888							-	
From Article 46 Sales Tax Proceeds								-	
Qualified School Construction Bonds	2,946,819							-	
Addtl PAYG (from Lottery Proceeds)			241,862	241,862	216,862	369,758	369,758	1,440,102	2,012,082
Bond Proceeds								-	
Debt Financing - 2/3 Net Debt Bonds		289,500						-	
Debt Financing - Older Facilities	254,100	254,000	235,500	98,000	393,000			726,500	
Debt Financing - School Improvements				172,564				172,564	
Grant Funds								-	
Total	4,586,807	543,500	477,362	512,426	609,862	369,758	369,758	2,339,166	2,012,082
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Deferred Maintenance Projects

Project Category:	School Capital	Project Status:	New	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD		New
District:	Orange County Schools	Starting Date:	TBD		Expansion
Project Number:	Various	Completion Date:	TBD		Renovation X
					Replacement X

Project Description/Justification: To address deferred maintenance issues as identified in the school system's Facilities Assessment study.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	9,005,840
Bond Projects								-	
Equipment/Furnishings								-	
Total Project Budget:	-	-	-	-	-	-	-	-	9,005,840
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)		-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)								-	
Debt Financing - Older Facilities			-	-	-	-	-	-	
Debt Financing - Deferred Maintenance								-	9,005,840
Grant Funds								-	
Total	-	-	-	-	-	-	-	-	9,005,840
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Doors/Windows/Canopies

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51026	Completion Date:	6/30/22	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$250,000 in FY2017-18 included canopy improvements at C.W. Stanford Middle and replacement of doors and windows at Grady A. Brown Elementary. Funding of \$220,258 in FY 2018- 19 includes replacement of window replacements at Cameron Park Elementary. Funding of \$50,000 in FY 2020-21 and FY 2021-22 includes additional canopy improvements at C.W. Stanford Middle.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	360,000	30,000	220,258		50,000	50,000		320,258	
Bond Projects		220,000							
Equipment/Furnishings								-	
Total Project Budget:	360,000	250,000	220,258	-	50,000	50,000	-	320,258	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	360,000							-	-
From Article 46 Sales Tax Proceeds								-	
Debt Financing - 2/3 Net Debt Bonds		30,000						-	
Debt Financing - School Improvements			220,258	-	50,000	50,000		320,258	
Bond Proceeds - Financing	-	220,000	-						
Grant Funds								-	
Total	360,000	250,000	220,258	-	50,000	50,000	-	320,258	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Electrical Systems

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/20	Expansion	
Project Number:	51002	Completion Date:	6/30/22	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$50,000 in both FY 2020-21 and FY 2021-22 establishes multi-year funding to provide emergency generators for critical lighting and kitchen equipment at yet to be identified locations within the district.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	33,000				50,000	50,000		100,000	
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	33,000	-	-	-	50,000	50,000	-	100,000	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	33,000							-	-
From Article 46 Sales Tax Proceeds					50,000	50,000		100,000	
Debt Financing - School Improvements								-	
Grant Funds								-	
<i>Total</i>	33,000	-	-	-	50,000	50,000	-	100,000	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
<i>Total Operating Costs</i>		-	-	-	-	-	-	-	-

Energy Efficiency/Lighting Improvements

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51028	Completion Date:	6/30/18	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$20,000 in FY 2017-18 included converting gymnasium lighting to LED lighting at schools district-wide, with a focus on the Hillsborough Elementary gymnasium.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings	239,918	20,000						-	
Total Project Budget:	239,918	20,000	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	239,918							-	
From Article 46 Sales Tax Proceeds		20,000						-	
Debt Financing - 2/3 Net Debt Bonds								-	
Grant Funds								-	
Total	239,918	20,000	-	-	-	-	-	-	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Fire/Safety/Security Systems

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid	TBD	New	
District:	Orange County Schools	Award Date:	7/1/17	Expansion	
Project Number:	51024	Completion Date:	6/30/20	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$35,000 in FY 2017-18 included the installation of a new fire alarm system at the Maintenance offices. Funding of \$20,000 in FY 2019-20 includes replacement of fire suppression system at C.W. Stanford Middle.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Improvements to Older Facilities				20,000				20,000	
Equipment/Furnishings	1,212,117	35,000						-	
Total Project Budget:	1,212,117	35,000	-	20,000	-	-	-	20,000	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	962,117						-	-	-
From Article 46 Sales Tax Proceeds								-	-
Lottery Proceeds	250,000							-	-
Debt Financing - 2/3 Net Debt Bonds		35,000						-	-
Debt Financing - Older Facilities				20,000				20,000	
Grant Funds								-	-
Total	1,212,117	35,000	-	20,000	-	-	-	20,000	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Food Services

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51033	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$350,550 in FY 2017-18 included food service facility improvements at Grady Brown Elementary and Orange High School, replacement of the hood and fire suppression system at Hillsborough Elementary, replacement of the cold storage unit and outdated cooking equipment at Orange High School, replacement of refrigerator and cold storage unit at New Hope Elementary, and serving line modifications at A.L. Stanback Middle, and additional drying racks at Pathways Elementary. Funding of \$57,500 in FY 2018-19 includes replacement of cold storage unit and an additional oven at Grady A. Brown Elementary. Funding of \$363,100 in FY 2019-20 includes food service facility improvements at C.W. Stanford Middle and Hillsborough Elementary. Funding of \$35,000 in FY 2020-21 includes new serving line counters at Cedar Ridge High School.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	193,500	205,550		163,100	35,000			198,100	
Improvements to Older Facilities	145,000	145,000	57,500	200,000				257,500	
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	338,500	350,550	57,500	363,100	35,000	-	-	455,600	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	193,500							-	
Fro Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		7,100						-	
Debt Financing - 2/3 Net Debt Bonds		198,450						-	
Debt Financing - School Improvements				163,100	35,000			198,100	-
Debt Financing - Older Facilities	145,000	145,000	57,500	200,000				257,500	
Grant Funds								-	
<i>Total</i>	338,500	350,550	57,500	363,100	35,000	-	-	455,600	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-

Mechanical Systems

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51029	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$100,000 in FY 2018-19 includes mechanical system replacements at New Hope Elementary. Funding of \$1,751,007 in FY 2019-20 includes mechanical system replacement at Cameron Park Elementary and Grady A. Brown Elementary. Funding of \$10,373,164 includes mechanical systems replacement at Cameron Park Elementary, A.L. Stanback Middle, Central Elementary, Efland-Cheeks Global Elementary, Hillsborough Elementary, and New Hope Elementary.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	175,000
Construction/Repairs/Renovations								-	1,735,304
Improvements to Older Facilities			100,000						
Bond Projects				1,751,007		10,373,164			
Equipment/Furnishings	1,991,761	8,900,000						-	
Total Project Budget:	1,991,761	8,900,000	100,000	1,751,007	-	10,373,164	-	12,224,171	1,910,304
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,269,140							-	
From Article 46 Sales Tax Proceeds								-	
Qualified School Construction Bonds	722,621							-	
Debt Financing - School Improvements								-	1,910,304
Debt Financing - Older Facilities			100,000					100,000	
Bond Proceeds - Financing		8,900,000	-	1,751,007	-	10,373,164		12,124,171	
Grant Funds								-	
Total	1,991,761	8,900,000	100,000	1,751,007	-	10,373,164	-	12,224,171	1,910,304
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

New Facilities

Project Category:	School Capital	Project Status:	New	Project Type			
Functional Service Area:	Education	Proposed Bid Award Date:	TBD			New	X
District:	Orange County Schools	Starting Date:	5/1/17			Expansion	X
Project Number:	New	Completion Date:	6/30/21			Renovation	X
						Replacement	

Project Description/Justification: Funding in FY 2017-18 of \$3,100,000 included property acquisition on Corporate Drive. Funding in FY 2019-20 includes \$11,400,000 for construction of a classroom wing addition at Cedar Ridge High School, and \$100,000 in future facilities planning. Funding in FY 2021-22 includes \$5,000,000 for a joint effort with Chapel Hill-Carrboro City Schools in the replacement of the transportation facility.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services				100,000				100,000	2,061,267
Construction/Repairs/Renovations								-	
Bond Projects		3,100,000		11,400,000		5,000,000		16,400,000	
Equipment/Furnishings								-	
Total Project Budget:	-	3,100,000	-	11,500,000	-	5,000,000	-	16,500,000	2,061,267
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)		-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)								-	
Financing - School Improvements				100,000				100,000	2,061,267
Bond Proceeds - Financing	-	3,100,000	-	11,400,000	-	5,000,000	-	16,400,000	
Grant Funds								-	
Total	-	3,100,000	-	11,500,000	-	5,000,000	-	16,500,000	2,061,267
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-		-	-	-	-	-	-	-

Paving/Parking Lots/Driveways/Walkways

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51030	Completion Date:	6/30/21	Renovation	X
				Replacement	X

Project Description/Justification: Total funding of \$615,000 in FY 2018-19 through FY 2020-21 includes paving, parking lots, driveways, and walkway improvements at various schools district-wide.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	218,281	150,000	150,000	300,000	165,000			615,000	
Equipment/Furnishings								-	
Total Project Budget:	218,281	150,000	150,000	300,000	165,000	-	-	615,000	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	218,281							-	-
From Article 46 Sales Tax Proceeds		150,000						-	
Debt Financing - 2/3 Net Debt Bonds			150,000	300,000	165,000			615,000	
Debt Financing - School Improvements								-	
Grant Funds								-	
Total	218,281	150,000	150,000	300,000	165,000	-	-	615,000	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Recurring Capital Projects

Project Category:	School Capital	Project Status:	New	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	TBD	Expansion	
Project Number:	Various	Completion Date:	TBD	Renovation	X
				Replacement	X

Project Description/Justification: To address recurring capital projects as identified by the school system each fiscal. The \$1,179,000 each fiscal year represents OCS portion, based on the current ADM, of the \$3,000,000 provided schools each year for recurring capital projects. The funding source for these annual projects used to be pay-as-you-go, but beginning in FY 2018-19, they will be debt financed. Examples of FY 2018-19 projects include: mobile units, HVAC replacements, roof repairs, new classroom set-up, and environmental maintenance.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations			1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
Bond Projects								-	
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	-	-	1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)		-						-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)								-	
Debt Financing - Older Facilities								-	
Debt Financing - School Improvements			1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
Grant Funds								-	
<i>Total</i>	-	-	1,179,000	1,179,000	1,179,000	1,179,000	1,179,000	5,895,000	5,895,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-

Roofing Projects

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51010	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$924,985 in FY 2018-19 includes roof replacement work at Central Elementary, C.W. Stanford Middle, and Orange High School. Funding of \$1,759,118 in FY 2019-20 includes roof replacement work at Central Elementary, Orange High School, Cameron Park Elementary, A.L. Stanback Middle, Grady A. Brown Elementary, and Hillsborough Elementary. Funding of \$1,214,723 in FY 2020-21 includes roof replacement work at Central Elementary, Efland-Cheeks Global Elementary, Cameron Park Elementary, Hillsborough Elementary, New Hope Elementary, and Orange High School. Funding of \$1,902,542 in FY 2021-22 includes roof replacement work at Cameron Park Elementary, Grady A. Brown Elementary, Orange High School, Pathways Elementary, A.L. Stanback Middle, and Efland-Cheeks Global Elementary. Funding of \$1,673,279 in FY 2022-23 includes roof replacement work at Cameron Park Elementary, C. W. Stanford Middle, Efland-Cheeks Global Elementary, New Hope Elementary, Orange High School, and Pathways Elementary.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	3,184,200	254,155	924,985	446,125	1,214,723	1,311,706	1,673,279	5,570,818	4,635,398
Bond Projects		2,744,000		1,312,993		590,836		1,903,829	
Equipment/Furnishings								-	
Total Project Budget:	3,184,200	2,998,155	924,985	1,759,118	1,214,723	1,902,542	1,673,279	7,474,647	4,635,398
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	1,106,200							-	
From Article 46 Sales Tax Proceeds									
Qualified School Construction Bonds	1,600,000								
Debt Financing - School Improvements	478,000		121,825	371,125	1,214,723	1,311,706	1,673,279	4,692,658	4,635,398
Debt Financing - 2/3 Net Debt Bonds		254,155	803,160					803,160	
Debt Financing - Older Facilities				75,000				75,000	
Bond Proceeds - Financing	-	2,744,000	-	1,312,993	-	590,836	-	1,903,829	
Grant Funds								-	
Total	3,184,200	2,998,155	924,985	1,759,118	1,214,723	1,902,542	1,673,279	7,474,647	4,635,398
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

School Safety/Security

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51034	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$1,739,391 in FY 2017-18 included safety and security design services, restructure the main entrance at Efland-Cheeks Global Elementary, and school safety initiatives (e.g. security vestibules) district-wide. Funding of \$127,896 in FY 2018-19 includes implementation of school safety initiatives within the district. Funding of \$1,897,875 in FY 2019-20 includes continued school safety initiatives district-wide, and replacement of wrestling mats/safety padding at applicable schools. Funding of \$246,476 in FY 2020-21 and \$228,763 in FY 2021-22 includes continued school safety initiatives district-wide.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services		50,000						-	
Construction/Repairs/Renovations	260,819	689,391	127,896	397,875	246,476	228,763		1,001,010	50,000
Bond Projects		1,000,000		1,500,000				1,500,000	
Equipment/Furnishings								-	
Total Project Budget:	260,819	1,739,391	127,896	1,897,875	246,476	228,763	-	2,501,010	50,000
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	260,819							-	
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Proceeds)		311,318	127,896	127,896	152,896			408,688	
Debt Financing - 2/3 Net Debt Bonds		428,073						-	
Debt Financing - School Improvements				269,979	93,580	228,763	-	592,322	50,000
Bond Projects - Financing	-	1,000,000	-	1,500,000				1,500,000	
Grant Funds								-	
Total	260,819	1,739,391	127,896	1,897,875	246,476	228,763	-	2,501,010	50,000
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Technology

Project Category:	School Capital	Project Status:	Active	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	
District:	Orange County Schools	Starting Date:	7/1/17	Expansion	
Project Number:	51011	Completion Date:	Ongoing	Renovation	X
				Replacement	X

Project Description/Justification: Funding in each fiscal year from Article 46 Sales Tax proceeds includes technology upgrades and debt service payments related to the 1:1 laptop initiative district-wide. Funding in each fiscal year from additional pay-as-you-go funds (lottery proceeds) includes technology upgrades district-wide.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Equipment Upgrades	3,835,605	308,234	310,822	339,526	369,379	400,425	402,793	1,822,945	2,382,054
Equipment - Debt Service Payments		570,079	570,079	570,079	570,079	570,079	600,000	2,880,316	3,000,000
Total Project Budget:	3,835,605	878,313	880,901	909,605	939,458	970,504	1,002,793	4,703,261	5,382,054
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	2,991,313							-	
From Article 46 Sales Tax Proceeds	600,193	700,543	717,609	746,313	776,166	807,212	839,501	3,886,801	4,728,886
From Other School Projects	244,099								
Addtl PAYG (from Lottery Proceeds)		177,770	163,292	163,292	163,292	163,292	163,292	816,460	653,168
Debt Financing								-	
Grant Funds								-	
Total	3,835,605	878,313	880,901	909,605	939,458	970,504	1,002,793	4,703,261	5,382,054
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addtl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

Vehicle Replacements

Project Category:	School Capital	Project Status:	Active	Project Type
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New
District:	Orange County Schools	Starting Date:	N/A	Expansion
Project Number:	51032	Completion Date:	N/A	Renovation X
				Replacement X

Project Description/Justification: Funding of \$45,000 in FY 2017-18 included replacement of a skid steer loader for the transportation offices.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings	175,000	45,000						-	
Total Project Budget:	175,000	45,000	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)	175,000				-	-	-	-	-
From Article 46 Sales Tax Proceeds								-	
Addtl PAYG (from Lottery Funds)		45,000						-	
Debt Financing - 2/3 Net Debt Bonds								-	
Debt Financing - School Improvements			-					-	
Grant Funds								-	
Total	175,000	45,000	-	-	-	-	-	-	-
<i>Education Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Durham Technical Community College – Orange County Campus New Facilities

Project Category:	School Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Education	Proposed Bid Award Date:	TBD	New	X
Department:	DTCC	Starting Date:	TBD	Expansion	
Project Number:	New	Completion Date:	TBD	Renovation	
				Replacement	

Project Description/Justification: The new facilities project includes \$714,290 in FY 2021-22 for planning funds to be used to plan and design a new Health Technology Building on the Orange County Campus. This represents the County match requirement for the use of \$1,000,000 in voter approved March 2016 State Connect Bond funds. A total of \$23,547,911 is budgeted for the construction of this building, consisting of 56,000 square feet and surface parking of 250 spaces.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services						714,290	685,710	1,400,000	400,000
Construction/Repairs/Renovations							6,751,679	6,751,679	14,996,232
Equipment/Furnishings								-	
Total Project Budget:	-	-	-	-	-	714,290	7,437,389	8,151,679	15,396,232
<i>Revenues/Funding Source</i>									
From General Fund (PAYG)		-						-	
Debt Financing				-	-	714,290	7,437,389	8,151,679	15,396,232
Grant Funds								-	
Total	-	-	-	-	-	714,290	7,437,389	8,151,679	15,396,232
<i>Education Related Operating Costs</i>									
Personnel Services								-	460,000
Operations								-	378,000
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	838,000



Board of Education

Agenda Abstract

Meeting Date: 1/18/18
 Agenda Type: Discussion & Action
 Agenda Item #: 6c

Subject: 2018-28 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 2018-28 CIP
 - 1) Funded Projects Plan
 - 2) Unfunded: Major Expansions, Renovations and Projects
- Funding Required to Properly Maintain School Facilities

PURPOSE: To review the recommended 2018-28 Capital Investment Plan and approve a plan to be forwarded to Orange County.

BACKGROUND:

Attached is the recommended 2018-28 Capital Investment Plan. The plan is presented at this time to conform to the timeline established by Orange County Finance Department. The CIP format is similar to prior years and includes (1) a Funded Plan that aligns with anticipated revenues and (2) an Unfunded Plan identifying district needs that exceed revenue projections. While the Funded Plan provides project information for the next 5 years and funding projections for 10 years, only the projects in FY 2018-19 will be funded.

FUNDED PLAN

The Funded Plan continues to reflect the use of 2016 School Bond funds for renovation needs at CHHS and the Lincoln Center Campus. Therefore, there are no specific line item

projects for these two campuses. As these two projects move through their implementation phase, needs that cannot be addressed with Bond funds will be added into the CIP schedule.

Major facility improvement projects in FY 2018-19 include Phillips Media Center and bathroom renovations, begin replacement of classroom casework in Seawell, intercom replacements at FPG and ECHHS, a new cooling tower at Carrboro Elementary, complete the replacement of Culbreth's rooftop HVAC units, initiate plans to replace Ephesus rooftop HVAC units, and commence the replacement of boilers at Carrboro, Estes Hills and Glenwood Elementary Schools.

IT has completed a comprehensive review of their needs and funding that has resulted in reductions in the Technology account. The IT line item no longer receives 50% of the funding but rather reflects the anticipated needs. It is recommended these reductions be held in the Contingency account along with the special 5 year funding of \$600,900 annually for older schools. The contingency funds would be available to address any shortfalls or unexpected expenses. At the end of the year, the Board can determine to redirect the funds to an aspect of the Lincoln Center Campus project or other district needs. Daniel Curry-Corcoran, Chief Technology Officer, will be present at the meeting to address questions regarding the IT account.

The 2016 School Bond funds have been prioritized to the CHHS renovations project with the remaining balance directed to Lincoln Center Campus improvements. CHHS current project budget is estimated based upon the Lincoln Center Campus construction bids received last September. Barnhill Contracting Company was recently approved at the Construction Manager at Risk for the Bond projects and is concentrating on developing an up-to-date budget for the CHHS project. Upon finalization of the CHHS project budget, a review of potential Lincoln Center renovations options will be presented. Additionally, the administration continues to work with the County's Finance Department to develop a funding stream to meet district needs.

UNFUNDED PLAN

The major component of the Unfunded Plan is the identification of funds necessary to renovate and expand the 7 remaining older schools identified in the 2013 Facilities Assessment. This assessment identified needed code improvements, facility upgrades, and expansions to bring these schools as close as possible to the County's new school construction standards. The original 2013 budgets have been adjusted to reflect current costs and future construction estimates.

While the 2017-18 SAPFO projections have not yet been released, it should be noted that renovating and expanding the older schools is the district's planned option to meet increased student enrollment. If student growth projections and/or State class size regulations require additional classrooms, the district will be obligated to meet the demand and provide the necessary capacity.

FINANCIAL IMPACT: As outlined in the attached schedules.

PERSONNEL IMPACT: None

RECOMMENDATION: Approve the recommended 2018-28 CIP

RESOLUTION: Be it, therefore, resolved that the Board of Education approves the 2018-28 Capital Investment Plan.

CHAPEL HILL - CARRBORO CITY SCHOOLS
CAPITAL INVESTMENTS PLAN 2018 - 2028

FUNDED PLAN

EXPENDITURES

PROJECT TITLE	PENDING	Year 1 2018-19	Year 2 2019-20	Year 3 2020-21	Year 4 2021-22	Year 5 2022-23	Five Year Total		Years 6 to 10 2023-27
	2017-18 Budgeted Lottery Funded Projects								
ADA Requirements	35,000	35,000	35,000	35,000	50,000	50,000	205,000		250,000
Abatement Projects							-		
District Abatement Projects	50,000	50,000	50,000	50,000	50,000	50,000	250,000		250,000
Phillips: Remove Asbestos Floor Tile		100,000					100,000		
Athletic Facilities							-		
CHHS: Athletic Field Improvements							-		
Carrboro HS: Field Improvements		150,000					150,000		
ECHHS: Field Improvements			175,000	91,282			266,282		
Middle Schools: Tracks									500,000
Classroom/Building Improvements							-		
Seawell: PODs Casework/Bathrooms		105,000	211,374				316,374		
Phillips: 4 Science Classrooms Casework	200,000						-		
Phillips: Media Center Refurbishment/Cafeteria Bathrooms		150,000	100,000				250,000		
Smith: Art Classroom Casework		75,000					75,000		
PlaygroundS: Seawell, Carrboro, Estes Hills			75,000				75,000		
McDougleElm/MS: Classroom Casework									500,000
Doors/Hardware/Canopies							-		
District Hardware and Door Replacements	50,000	50,000	75,000	100,000	100,000	100,000	425,000		150,000
Seawell: Expand canopies							-		120,000
FPG: Canopy at Kiss n Go and Bus Circle			150,000				150,000		
Ephesus: Canopy at Kiss and Go				150,000			150,000		
Electrical Systems							-		
All Schools: Increase Electrical Distribution		125,000	125,000	150,000	150,000	150,000	700,000		650,000
Energy Efficiency/Lighting Improvemnets	107,323					200,000	200,000		500,000
Ephesus/Seawell: Replace pneumatic controls					200,000				
FPG: lighting upgrades				250,000					
McDElm: complete conversion from pneumatic		231,731	200,000				431,731		
ECHHS: Conversion to Digital Controls							-		
Fire/Safety/Security Systems							-		
Security Systems: Camera Upgrades/Expansions/	50,000	100,000	100,000	150,000	200,000	200,000	750,000		500,000
FPG Intercom System		30,000							
ECHHS Intercom System		70,000							
Indoor Air Quality Improvements							-		
District IAQ Projects	20,000	25,000	50,000	50,000	50,000	75,000	250,000		200,000
Rental Space		137,000	140,000	143,000	145,000	148,000	713,000		730,000
Paving: Parking Lots/Driveways/Walkways	75,000				41,558	54,506	96,064		140

CHAPEL HILL - CARRBORO CITY SCHOOLS
CAPITAL INVESTMENTS PLAN 2018 - 2028

FUNDED PLAN

McD Mdl: bus driveway and parking lot paving							-		
ECHHS: bus driveway and parking lot paving		100,000					100,000		
							-		
Roofing/Building Waterproofing Projects							-		
Smith: Roof project (at 20 years)/envelope seal						568,401	568,401		750,000
Scroggs/Phillips: brick pointing/envelope seal				200,000			200,000		
ECHHS: Roof project (at 25 years)									1,750,000
Storm Water Management									200,000
-Restorations/certifications	50,000	40,000	50,000	50,000	50,000	60,000	250,000		
-FPG: surface water correction		10,000	65,000						
Mechanical Systems					200,000		200,000		
McDougle: HVAC Systems - chiller replacements	177,715						-		
Rashkis: Chiller replacement									626,727
Information Technology - IT		1,090,057	961,761	1,619,281	1,607,179	787,074	6,065,352		9,262,513
Article 46 Sales Tax - Funded Projects									
-Technology: Student Access Computing Devices		527,602	548,706	570,654	593,480	617,219	2,857,661		3,476,782
-Improvements at Older Schools:						617,219	617,219		3,476,782
-Culbreth: Replace HVAC Roof top Units		150,000					150,000		
-MdDougleMdl: replace pneumatic controls					350,000		350,000		
-CarrboroElm: cooling tower replacements		75,000					75,000		
-Ephesus: replace10 HVAC roof top units		72,601	233,252				305,853		
-EstesHills/Glenwood/CarrboroElm: boiler replacements		180,000					180,000		
-Smith: chiller replacements				430,654	243,480		674,134		
-Seawell: replace POD classroom HVAC units			200,000	140,000			340,000		
units			115,453				115,453		
-FPG Intermediate Bld: air handler repalcement		50,000					50,000		
Contingency		1,094,573	1,240,512	600,900	631,179	868,833	4,435,997		
							-		
TOTAL CIP EXPENDITURES	815,038	4,823,564	4,901,058	4,980,771	4,461,876	4,546,252	23,713,521		23,892,804

	10 YEAR UNFUNDED NEW SCHOOLS										TEN YEAR TOTAL
	Year 1 2018-19	Year 2 2019-20	Year 3 2020-21	Year 4 2021-22	Year 5 2022-23	Year 6 2023-24	Year 7 2024-25	Year 8 2025-26	Year 9 2026-27	Year 10 2027-28	
PROJECTS:											
REMAINING FACILITY ASSESSMENT PROJECTS:											
Ephesus - inc. capacity +137	BID 2023				1,500,000	12,500,000	18,000,000	5,361,786			37,361,786
Seawell - inc. capacity +119	BID 2024					1,500,000	12,000,000	16,000,000	3,463,528		32,963,528
Estes Hills - inc. capacity +58	BID 2024					1,500,000	14,000,000	17,000,000	3166754		35,666,754
Phillips MS	BID 2024					750,000	9,000,000	10,000,000	3,515,493		23,265,493
Carrboro Elm. - inc. capacity +52	BID 2026							1,500,000	12,000,000	16,000,000	29,500,000
FP Graham	BID 2027								500,000	7,000,000	7,500,000
Culbreth MS	BID 2028									750,000	750,000
OTHER MAJOR PROJECTS:											
CarrboroHS: Stadium Visitor Bleachers					600,000						600,000
CarboroHS: Stadium Synthetic Field								1,250,000			1,250,000
CHHS: Stadium Visitor Bleachers					300,000						300,000
CHHS: Stadium Synthetic Field								1,250,000			1,250,000
CHHS: Baseball Field Bathroom/Concession Bld							1,200,000				1,200,000
ECHHS: Stadium Synthetic Field								1,250,000			1,250,000
ECHHS: Stadium Visitor Bleachers					300,000						300,000
Carrboro Elementary: Multi purpose field							150,000				150,000
Scroggs: Athletic Field				200,000							200,000
McDougle Mdl: Tennis Courts						750,000					750,000
ECHHS: Theater Lighting and Sound upgrade		900,000									900,000
CarrboroHS: Chillers and Cooling Towers (at 20 years)										500,000	500,000
Morris Grove: Chillers and Cooling Towers (at 20 years)										500,000	
Rashkis: Roof Replacement and envelope (at 20 years)							1,750,000				1,750,000
CarrboroHS: Roof Replacement and envelope (at 20 years)									2,250,000		2,250,000
Technology											
Technology		492,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,292,000
Building Additions											
McDougle Middle School: Auditorium		500,000	4,000,000	600,000							5,100,000
TOTAL UNFUNDED PROJECTS	-	1,892,000	4,100,000	900,000	2,800,000	17,100,000	56,200,000	53,711,786	22,745,775	27,100,000	186,049,561

DESCRIPTION	LOCATION	CURRENT 2017-2018 (FY18)	YEAR 1 2018-2019 (FY 19)	YEAR 2 2019-2020 (FY 20)	YEAR 3 2020-2021 (FY 21)	Year 4 2021-2022 (FY22)	Year 5 2022-2023 (FY 23)	FIVE YEAR TOTAL	Year 6 2023-2024 (FY 24)	YEAR 7 2024-2025 (FY25)	YEAR 8 2025-2026 (FY26)	YEAR 9 2026-2027 (FY27)	YEAR 10 2027-2028 (FY28)	YEAR 6-10 SUMMARY	Ten Year Total
		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!		#REF!	#REF!	#REF!	#REF!	#REF!		
ADA															
ADD ACCESSIBLE RAMP AT KITCHEN	CP	\$16,000						\$0						\$0	\$0
ATHLETIC FACILITIES/PLAYZONE IMPROVEMENTS															
INDUSTRIAL WASHER AND DRYERS FOR HIGH SCHOOLS	DISTRICT	\$25,000						\$0	\$25,000					\$25,000	\$25,000
ATHLETIC FACILITIES RESERVE	DISTRICT			\$200,000				\$200,000					\$200,000	\$200,000	\$400,000
REPAVE WALKING TRACK	NH	\$12,500						\$0						\$0	\$0
TENNIS COURTS RECONSTRUCTED; ENGINEERING/DESIGN	OHS	\$30,000						\$0						\$0	\$0
TRACK RESURFACING	OHS		\$100,000					\$100,000						\$0	\$100,000
TENNIS COURT RECONSTRUCTION	OHS		\$150,000					\$150,000						\$0	\$150,000
CLASSROOM/BUILDING IMPROVEMENTS															
ENGINEERING STUDY: BRICK EXTERIOR	CENTRAL	\$35,000						\$0						\$0	\$0
RESERVE: CENTRAL ELEMENTARY BUILDING ENVELOPE															
IMPROVEMENTS BASED ON ENGINEERING ANALYSIS	CENTRAL			\$172,564				\$172,564						\$0	\$172,564
UPGRADE SCIENCE CLASSROOMS	CRHS	\$149,500												\$0	\$0
UPGRADE SCIENCE CLASSROOMS	GHMS	\$30,000												\$0	\$0
BMP RECONSTRUCTION	GHMS	\$60,000												\$0	\$0
ENGINEERING STUDY: DRAINAGE ISSUES	PE	\$15,000												\$0	\$0
DOORS/HARDWARD/CANOPIES															
CANOPY IMPROVEMENTS	CWS	\$30,000			\$50,000	\$50,000		\$100,000						\$0	\$100,000
WINDOW REPLACEMENT (phase 1 envelope project)	CP		\$220,258					\$220,258							
ELECTRICAL SYSTEMS															
EMERGENCY GENERATORS FOR CRITICAL LIGHTING AND KITCHEN	DISTRICT				\$50,000	\$50,000		\$100,000						\$0	\$100,000

DESCRIPTION	LOCATION	CURRENT 2017-2018 (FY18)	YEAR 1 2018-2019 (FY 19)	YEAR 2 2019-2020 (FY 20)	YEAR 3 2020-2021 (FY 21)	Year 4 2021-2022 (FY22)	Year 5 2022-2023 (FY 23)	FIVE YEAR TOTAL	Year 6 2023-2024 (FY 24)	YEAR 7 2024-2025 (FY25)	YEAR 8 2025-2026 (FY26)	YEAR 9 2026-2027 (FY27)	YEAR 10 2027-2028 (FY28)	YEAR 6-10 SUMMARY	Ten Year Total
FOOD SERVICES															
FOOD SERVICE FACILITY IMPROVEMENTS	CWS			\$99,150				\$99,150						\$0	\$99,150
NEW SERVING LINE COUNTERS	CRHS				\$35,000			\$35,000						\$0	\$35,000
FOOD SERVICE FACILITY IMPROVEMENTS	GAB	\$67,450						\$0						\$0	\$0
REPLACE ROOF AND FIRE SUPPRESSION SYSTEM	HES	\$16,000						\$0						\$0	\$0
FOOD SERVICE FACILITY IMPROVEMENTS	HES			\$63,950				\$63,950						\$0	\$63,950
REPLACE COLD STORAGE UNIT	OHS	\$50,000						\$0						\$0	\$0
FOOD SERVICE FACILITY IMPROVEMENTS	OHS	\$65,000						\$0						\$0	\$0
FIRE/SAFETY/SECURITY															
NEW FIRE ALARM SYSTEM -- 25 STATION	MAINT	\$35,000						\$0						\$0	\$0
HAZARDOUS MATERIALS ABATEMENT															
HAZARDOUS MATERIALS ABATEMENT VARIOUS FACILITIES (MULTI-YEAR FUNDING)	DISTRICT	\$50,000						\$0						\$0	\$0
ENERGY EFFICIENCY/LIGHTING IMPROVEMENTS															
CONVERT GYMNASIUM LIGHTING TO LED--ALL SCHOOLS	DISTRICT	\$20,000						\$0						\$0	\$0
MECHANICAL SYSTEMS															
MECHANICAL SYSTEM REPLACEMENT DESIGN	PE										\$175,000			\$175,000	\$175,000
HVAC REPLACEMENT	PE							\$0			\$189,805	\$1,545,499		\$1,735,304	\$1,735,304
NEW DISHWASHER EXHAUST FAN/DUCT WORK (KITCHEN)	OHS							\$0						\$0	\$0
NEW FACILITIES															
RESERVE CAPITAL BUDGETING IMPROVEMENTS - FUTURE FACILITIES PLANNING	DISTRICT		\$0	\$100,000				\$100,000		\$399,815	\$25,188	\$50,565	\$1,585,699	\$2,061,267	\$2,161,267
PAVING/PARKING LOTS/DRIVEWAYS															
PAVING PARKING LOTS/DRIVEWAYS/WALKWAYS	DISTRICT	\$150,000	\$150,000	\$300,000	\$165,000			\$615,000						\$0	\$615,000
ROOFING PROJECTS															
ROOF REPLACEMENT PER 2016 ASSESSMENT	CENTRAL	\$133,910	\$264,520	\$84,320	\$48,535			\$397,375						\$0	\$397,375
ROOF REPLACEMENT PER 2016 ASSESSMENT	CP				\$500,000	\$175,000	\$130,000	\$805,000	\$8,720					\$8,720	\$813,720
C W STANFORD ROOF PER 2016 ASSESSMENT	CWS		\$76,075				\$18,068	\$94,143	\$10,395	\$422,475	\$1,012,389	\$163,245		\$1,608,504	\$1,702,647
ROOF REPLACEMENT-- ADMIN ANNEX PER 2016 ASSESSMENT	DISTRICT	\$41,701						\$0						\$0	\$0
ROOF REPLACEMENTS PER 2016 ASSESSMENT	EFLAND	\$12,940			\$2,958		\$45,152	\$48,110	\$564,434					\$564,434	\$612,544
ROOF REPLACEMENTS PER 2016 ASSESSMENT	GAB					\$102,800		\$102,800						\$0	\$102,800
ROOF REPLACEMENT PER 2016 ASSESSMENT	GHMS							\$0			\$305,928			\$305,928	\$305,928
ROOF REPLACEMENT PER 2016 ASSESSMENT	HES				\$328,865			\$328,865						\$0	\$328,865
ROOF REPLACEMENT PER 2016 ASSESSMENT	NH	\$65,604			\$200,000		\$384,607	\$584,607	\$424,600	\$424,600				\$849,200	\$1,433,807
ROOF REPLACEMENT PER 2016 ASSESSMENT	OHS	\$0	\$600,905	\$295,222	\$135,025	\$740,430	\$632,922	\$2,404,504	\$149,308					\$149,308	\$2,553,812
ROOF REPLACEMENT PER 2016 ASSESSMENT	PE					\$286,104	\$446,844	\$732,948		\$435,804				\$435,804	\$1,168,752
METAL ROOF RECOAT	CRHS								\$500,000						

DESCRIPTION	LOCATION	CURRENT 2017-2018 (FY18)	YEAR 1 2018-2019 (FY 19)	YEAR 2 2019-2020 (FY 20)	YEAR 3 2020-2021 (FY 21)	Year 4 2021-2022 (FY22)	Year 5 2022-2023 (FY 23)	FIVE YEAR TOTAL	Year 6 2023-2024 (FY 24)	YEAR 7 2024-2025 (FY25)	YEAR 8 2025-2026 (FY26)	YEAR 9 2026-2027 (FY27)	YEAR 10 2027-2028 (FY28)	YEAR 6-10 SUMMARY	Ten Year Total
SCHOOL SAFETY/SECURITY															
RESERVE: DESIGN SERVICES-SAF/SECURITY IMPROVEMENTS	DISTRICT	\$50,000						\$0						\$0	\$0
RESERVE: SCHOOL SAFETY INITIATIVES-FACILITY IMPROVEMENTS (E.G. SECURITY VESTIBULES)	DISTRICT	\$333,073	\$0	\$244,979	\$93,580	\$228,763	\$0	\$567,322						\$0	\$567,322
REPLACE WRESTLING MATS/SAFETY PADDING (MULTI-YEAR FUNDING)	DISTRICT			\$25,000				\$25,000						\$0	\$25,000
AED REPLACEMENT (8 YEAR CYCLE PER UNIT)	DISTRICT							\$0	\$25,000	\$25,000				\$50,000	\$50,000
VEHICLE REPLACEMENTS															
VEHICLE REPLACEMENT-DUMP TRUCK	MAINT		\$0					\$0						\$0	\$0
SKID STEER LOADER (USED EQUIP AN OPTION)	TRANSP	\$45,000						\$0						\$0	\$0
		\$1,538,678	\$1,561,758	\$1,585,185	\$1,608,963	\$1,633,097	\$1,657,593	\$8,046,596	\$1,682,457	\$1,707,694	\$1,733,310	\$1,759,309	\$1,785,699	\$8,168,469	
**NOT IN TOTALS BELOW:															
ELEMENTARY #8-NON PROTOTYPICAL DESIGN	DISTRICT			\$2,500,000	\$25,500,000			\$28,000,000						\$0	\$28,000,000
TOTAL AVAILABLE FUNDING FROM COUNTY:															
DEBT FINANCING (AKA: PAY-AS-YOU-GO)			\$746,336	\$1,585,185	\$1,608,963	\$1,633,097	\$1,657,594	\$7,231,175	\$1,682,458	\$1,707,694	\$1,733,310	\$1,759,310	\$1,785,699	\$15,771,540	\$23,002,714
2/3 DEBT BONDS (AKA: PAY-AS-YOU-GO)		\$1,538,678	\$815,422					\$815,422							
ADDITIONAL PAY AS YOU GO (AKA: LOTTERY)		\$541,188	\$541,188	\$541,188	\$541,188	\$541,188	\$541,188	\$2,705,940	\$528,032	\$528,032	\$528,032	\$528,032	\$528,032	\$5,359,256	\$8,065,196
ARTICLE 46 SALES TAX		\$700,543	\$728,565	\$757,707	\$788,015	\$819,536	\$852,317	\$3,946,140	\$886,410	\$4,103,986	\$921,867	\$4,268,145	\$958,741	\$11,139,149	\$15,085,290
FACILITY IMPROVEMENTS TO OLDER SCHOOLS (5-YR ALLOCATION)		\$399,000	\$399,000	\$399,000	\$399,000	\$0	\$0	\$1,197,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,197,000
SUB TOTAL ANNUAL ALLOCATION		\$3,179,409	\$3,230,511	\$3,283,080	\$3,337,166	\$2,993,821	\$3,051,099								
DEBT FINANCED (AKA: SCHOOL CONSTRUCTION IMPACT FEES)	CRHS				\$3,100,000										
BOND REFERENDUM PROJECTS			\$8,677,359	\$7,286,641	\$9,777,600	\$6,186,400	\$15,964,000								
GRAND TOTAL ANNUAL ALLOCATION		\$3,179,409	\$11,907,870	\$10,569,721	\$16,214,766	\$9,180,221	\$19,015,099		\$3,096,900	\$6,339,713	\$3,183,208	\$6,555,487	\$3,272,472		
LOCATION LEGEND:															
AL STANBACK MIDDLE SCHOOL															
BOARD OF EDUCATION BUILDING															
CENTRAL ELEMENTARY															
CAMERON PARK ELEMENTARY SCHOOL															
CEDAR RIDGE HIGH SCHOOL															
C W STANFORD MIDDLE SCHOOL															
EFLAND-CHEEKS GLOBAL ELEMENTARY SCHOOL															
GRADY A BROWN ELEMENTARY SCHOOL															
GRAVELLY HILL MIDDLE SCHOOL															
HILLSBOROUGH ELEMENTARY SCHOOL															
MAINTENANCE OFFICES															
NEW HOPE ELEMENTARY SCHOOL															
ORANGE HIGH SCHOOL															
PATHWAYS ELEMENTARY SCHOOL															
TRANSPORTATION OFFICES															

SCOPE OF WORK	LOCATION	CURRENT 2017-2018 (FY18)	YEAR 1 2018-2019 (FY 19)	YEAR 2 2019-2020 (FY 20)	YEAR 3 2020-2021 (FY 21)	YEAR 4 2021-2022 (FY22)	YEAR 5 2022-2023 (FY 23)	FIVE YEAR TOTAL	YEAR 6 2023-2024 (FY 24)	YEAR 7 2024-2025 (FY25)	YEAR 8 2025-2026 (FY26)	YEAR 9 2026-2027 (FY27)	YEAR 10 2027-2028 (FY28)	YEAR 6-10 SUMMARY	TEN-YEAR TOTAL
CLASSROOM/BUILDING IMPROVEMENTS															
RESERVE: DEFERRED MAINTENANCE	DISTRICT					\$152,896		\$152,896	\$150,000	\$150,000	\$150,000	\$150,000		\$600,000	\$752,896
EXTERIOR RESURFACING	CP		\$250,000	\$250,000				\$500,000						\$0	\$500,000
RESERVE: FUTURE FACILITIES PLANNING							\$377,896	\$377,896	\$227,896	\$227,896	\$227,896	\$227,896	\$541,188	\$1,452,772	\$1,830,668
FOOD SERVICE															
SERVING LINE EQUIPMENT MODIFICATIONS	ALS	\$5,600						\$0							\$0
ADD DRYING RACKS	PE	\$1,500						\$0							\$0
HAZAROUS MATERIALS ABATEMENT															
ABATEMENT PROJECT: CARPET/MASTIC CAMPUS WIDE: A L STANBACK	ALS				\$225,000			\$225,000						\$0	\$225,000
ABATEMENT PROJECT: CARPET/MASTIC CAMPUS WIDE: NEW HOPE	NH					\$225,000		\$225,000						\$0	\$225,000
SCHOOL SAFETY/SECURITY															
RESTRUCTURE MAIN ENTRANCE	ECGE	\$350,000						\$0							\$0
SCHOOL SAFETY INITIATIVES	DISTRICT	\$5,796	\$127,896	\$127,896	\$152,896			\$408,688						\$0	\$408,688
TECHNOLOGY															
DISTRICT: TECHNOLOGY UPGRADES	DISTRICT	\$163,292	\$163,292	\$163,292	\$163,292	\$163,292	\$163,292	\$816,460	\$163,292	\$163,292	\$163,292	\$163,292		\$653,168	\$1,469,628
TRANSPORTATION TECHNOLOGY IMPLEMENTATION	TRANSP	\$15,000						\$0						\$0	\$0
TOTAL COUNTY ALLOCATION		\$541,188	\$541,188	\$541,188	\$541,188	\$541,188	\$541,188	\$2,705,940	\$541,188	\$541,188	\$541,188	\$541,188	\$541,188	\$5,411,880	\$8,117,820

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-CREEKS GLOBAL ELEMENTARY SCHOOL	ECGE
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

SCOPE OF WORK	CURRENT 2017-2018	YEAR 1 2018-2019 (FY 19)	YEAR 2 2019-2020 (FY 20)	YEAR 3 2020-2021 (FY 21)	YEAR 4 2021-2022 (FY 22)	YEAR 5 2022-2023 (FY 23)	FIVE YEAR TOTAL	YEAR 6 2023-2024 (FY 24)	YEAR 7 2024-2025 (FY 25)	YEAR 8 2025-2026 (FY 26)	YEAR 9 2026- 2027 (FY27)	YEAR 10 2027- 2028 (FY28)	YEAR 6-10 SUMMARY	Ten Year Total
ANNUAL ALLOCATION FROM COUNTY	\$700,543	\$728,565	\$757,707	\$788,016	\$819,536	\$852,318	\$3,946,142	\$886,410	\$921,867	\$958,741	\$997,091	\$1,036,975	\$4,801,085	\$8,747,226
TECHNOLOGY														
TECHNOLOGY DEBT SERVICE	\$570,079	\$570,079	\$570,079	\$570,079	\$570,079	\$600,000	\$2,880,316	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000	\$5,880,316
TECHNOLOGY UPGRADES	\$130,464	\$158,486	\$187,628	\$217,937	\$249,457	\$252,318	\$1,065,826	\$286,410	\$321,867	\$358,741	\$397,091	\$436,975	\$1,801,085	\$2,866,911

DESCRIPTION	LOCATION	2017-2018 (FY18)	2018-2019 (FY19)	2019-2020 (FY20)	2020-2021 (FY21)	TOTAL
ANNUAL ALLOCATION		\$399,000	\$399,000	\$399,000	\$399,000	\$1,197,000
AVAILABLE FOR ALLOCATION		\$0	\$0	\$0	\$0	\$0
ALLOCATED		\$399,000	\$399,000	\$399,000	\$399,000	\$1,197,000
CLASSROOM/BUILDING IMPROVEMENTS						
UPGRADE SCIENCE CLASSROOMS	CWS	\$80,000				\$0
RESERVE: IMPLEMENTATION-FACILITIES USAGE ASSESSMENT	DISTRICT			\$104,000	\$399,000	\$503,000
CORPORATE DRIVE PROPERTY UPFIT/INFRASTRUCTURE	DISTRICT	\$174,000	\$31,500			\$31,500
UPGRADE SCIENCE CLASSROOMS	OHS		\$160,000			\$160,000
DRAINAGE ISSUES ADDRESSED	PE		\$50,000			\$50,000
FOOD SERVICES						
REPLACE STEAMER	CWS			\$35,000		\$35,000
REPLACE COLD STORAGE UNIT	CWS			\$50,000		\$50,000
ADD 1-COMPARTMENT COMBI-OVEN	GAB		\$22,500			\$22,500
REPLACE COLD STORAGE UNIT	GAB		\$35,000			\$35,000
REPLACE COLD STORAGE UNIT	HES			\$55,000		\$55,000
REPLACE COOKING EQUIPMENT	HES			\$60,000		\$60,000
REPLACE MERCHANDISING REFRIGERATOR	NEW HOPE	\$20,000				
REPLACE COLD STORAGE UNIT	NEW HOPE	\$50,000				
REPLACE OUTDATED COOKING EQUIPMENT	OHS	\$75,000				
FIRE/SAFETY/SECURITY SYSTEMS						
REPLACE HOOD AND FIRE SUPPRESSION SYSTEM	CWS			\$20,000		\$20,000
ROOFING PROJECTS						
ROOF REPLACEMENTS PER 2016 ASSESSMENT (SEE BOND FOR BALANCE)	CP			\$75,000		\$75,000
MECHANICAL SYSTEMS						
MECHANICAL SYSTEM	NH		\$100,000			\$100,000

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-CHEEKS GLOBAL ELEMENTARY SCHOOL	ECGE
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

			YEAR 1 2018-2019 (FY 19)	YEAR 2 2019-2020 (FY 20)	YEAR 3 2020-2021 (FY 21)	YEAR 4 2021-2022 (FY22)	YEAR 5 2022-2023 (FY23)	FIVE YEAR TOTAL
		\$47,892,000						
MECHANICAL SYSTEMS								
MECHANICAL SYSTEM	ALS					\$4,000,000		\$4,000,000
MECHANICAL SYSTEM	CENTRAL					\$1,638,200		\$1,638,200
MECHANICAL SYSTEM	CP				\$1,047,007	\$239,993		\$1,287,000
MECHANICAL SYSTEM	EFLAND					\$2,034,000		\$2,034,000
MECHANICAL SYSTEM	GAB			\$704,000				\$704,000
MECHANICAL SYSTEM	HES					\$458,233		\$458,233
MECHANICAL SYSTEM	NEW HOPE					\$2,002,738		\$2,002,738
MECHANICAL SYSTEM REPLACEMENT--GEOTHERMAL	OHS		\$4,641,764					\$4,641,764
NEW BUILDING CONSTRUCTION								
\$0								
CLASSROOM WING ADDITION (Total project: \$14.5 Million; \$3.1 funded from School Construction Impact Fees)	CRHS			\$6,800,000	\$4,600,000			\$11,400,000
CORPORATE DRIVE PROPERTY ACQUISITION	DISTRICT							\$0
REPLACE TRANSPORTATION FACILITY (JOINT PROJECT WITH CHCCS--ASSUMES \$3MILLION CONTRIBUTION, NOT INCLUDED IN THIS AMOUNT)	TRANSP					\$5,000,000		\$5,000,000
ROOFING PROJECTS								
\$0								
ROOF REPLACEMENTS	ALS		\$382,575	\$296,420		\$240,015		\$919,010
ROOF REPLACEMENTS	CENTRAL		\$608,940					\$608,940
ROOF REPLACEMENTS	CP		\$233,714	\$274,764				\$508,478
ROOF REPLACEMENTS	EFLAND					\$350,821		\$350,821
ROOF REPLACEMENTS	GAB		\$199,648	\$27,416	\$539,393			\$766,457
HAZ MATERIAL MITIGATION: SOFFITS	DISTRICT							\$0
ROOF REPLACEMENTS	HES			\$175,000				\$175,000
SCHOOL SAFETY/SECURITY								
\$0								
IMPLEMENTATION OF SCHOOL SAFETY INITIATIVES			\$1,000,000	\$1,500,000				\$2,500,000
DOORS/HARDWARE/CANOPIES								
\$0								
REPLACE WINDOWS /DOORS	GAB		\$220,000					\$220,000
			\$7,286,641	\$9,777,600	\$6,186,400	\$15,964,000	\$0	\$39,214,641

SCOPE OF WORK	LOCATION	PROJECTED COST
CENTRAL OFFICE ADDITION (PRICE INCLUDES TOTAL PROJECT COSTS)	BOE	\$4,688,000
RENOVATE EXISTING K-1 WING (PRICE INCLUDES TOTAL PROJECT COSTS)	CAMERON PARK	\$2,030,400
CLASSROOM EXPANSION (PRICE INCLUDES TOTAL PROJECT COSTS)	CENTRAL	
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
Envelope veneer replacement	CAMERON PARK	\$500,000
FIELD HOUSE (PRICE INCLUDES TOTAL PROJECT COSTS)	CEDAR RIDGE	\$2,400,000
CARPET REPLACEMENT MEDIA CENTER	CEDAR RIDGE	\$90,000
BOILER REPLACEMENT	CEDAR RIDGE	\$75,000
OFFICE EXPANSION (PRICE INCLUDES TOTAL PROJECT COSTS)	CENTRAL ELEM	\$414,000
RENOVATE MAIN ENTRANCE (PRICE INCLUDES TOTAL PROJECT COSTS)	CW STANFORD	\$700,000
REPLACE OUTDOOR STORAGE BUILDING	CW STANFORD	\$45,000
MEDIA CENTER RENOVATIONS	CW STANFORD	\$200,000
PAVING ASSESSMENT FY 19	CW STANFORD	\$352,600
NON-PROTOTYPICAL ELEMENTARY SCHOOL #8	DISTRICT	\$28,500,000
FURNITURE UPGRADES (YEAR 1 OF 5)	DISTRICT	\$250,000
OFFICE RENOVATION (PRICE INCLUDES TOTAL PROJECT COSTS)	EFLAND CHEEK GLOBAL	
PRE-K ADDITION (PRICE INCLUDES TOTAL PROJECT COSTS)	EFLAND CHEEK GLOBAL	\$690,000
CLASSROOM EXPANSION (PRICE INCLUDES TOTAL PROJECT COSTS)	EFLAND CHEEK GLOBAL	\$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
SIDEWALK REPAIRS	GRADY BROWN	\$40,000
WATER HEATER KITCHEN	GRADY BROWN	\$50,000
WATER HEATER KITCHEN	GRAVELLY HILL	\$75,000
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
LEARNING CENTER HVAC	HILLSBOROUGH ELEMENTARY	\$25,000
LEARNING CENTER WINDOWS	HILLSBOROUGH ELEMENTARY	\$60,000
LEARNING CENTER FLOORING	HILLSBOROUGH ELEMENTARY	\$30,000
PAVING ASSESSMENT FY 19	HILLSBOROUGH ELEMENTARY	\$82,700
REPLACE MAINTENANCE COMPLEX (TOTAL PROJECT COSTS)	MAINTENANCE	\$4,688,000
ADD MAINTENANCE STORAGE (TOTAL PROJECT COSTS)	MAINTENANCE	\$2,265,700
WINDOW/DOOR REPLACEMENTS	MAINTENANCE	\$40,000
CARPET/MASTIC REPLACEMENT	NEW HOPE	\$100,000
DRAINAGE PROJECT	NEW HOPE	\$90,000
REPLACE WORKFORCE DEVELOPMENT BUILDING (PRICE INCLUDES TOTAL PROJECT COSTS)	OHS	\$3,625,000
VCT ASBESTOS TILE REPLACEMENT	OHS	\$250,000

PAVING ASSESSMENT FY19	OHS	\$439,900
PAVING ASSESSMENT IMMEDIATE	TRANSPORTATION	\$312,800
		\$83,848,975

Active Capital Projects Summary - RECOMMENDED
No New Funding for Fiscal Years 2018-23 and Years 6-10

Projects	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Appropriations									
County Projects:									
Affordable Housing Land Banking	2,000,000							-	
Environment and Agriculture Center	300,000	3,384,500						-	
Government Services Center Annex		350,000						-	
Passmore Center Renovation	550,000							-	
Information Technology Broadband Connectivity		500,000						-	
River Park Phase II	400,000							-	
Cedar Grove Community Center		75,000						-	
Historic Rogers Road Community Center	650,000							-	
Total	3,900,000	4,309,500	-	-	-	-	-	-	-
Proprietary Projects:									
Central Efland/North Buckhorn Sewer Expansion	3,793,900							-	
Buckhorn EDD - Efland Sewer to Mebane	4,973,000							-	
Hillsborough EDD	1,150,000	380,000						-	
Eno EDD	1,435,000	490,000						-	
Historic Rogers Road Neighborhood Infrastructure	6,672,000							-	
Eubanks Road Waste & Recycling Facilities	3,145,858							-	
Roll Cart Distribution and Maintenance Building	165,000							-	
Alternative Waste Disposal	100,000							-	
Total	21,434,758	870,000	-	-	-	-	-	-	-
School Projects:									
Energy Efficiency/Lighting Improvements - OCS	239,918	20,000						-	
Vehicle Replacements - OCS	175,000	45,000						-	
Total	414,918	65,000	-	-	-	-	-	-	-
Grand Total	25,749,676	5,244,500	-	-	-	-	-	-	-
Revenues/Funding Source									
Available Project Balances								-	
Transfer from Other Funds								-	
Transfer from General Fund	1,687,519	75,000						-	
Additional PAYG (from Lottery Funds)		45,000						-	
Chapel Hill Reimbursement (43%)	426,560							-	
Carrboro Reimbursement (14%)	138,880							-	
Solid Waste Enterprise Funds	403,311							-	
Article 46 Sales Tax Proceeds	625,000	90,000						-	
State 9-1-1 Funds								-	
EPA Special Appropriations Grant	1,348,400							-	
State Revolving Loan Funds	2,351,899							-	
Debt Financing - Article 46 Sales Tax	6,581,400	780,000						-	
Debt Financing - 2/3 Net Debt Bonds		20,000						-	
Debt Financing - Solid Waste Enterprise Fund	3,007,547							-	
Debt Financing - County Projects	9,179,160	4,234,500						-	
Total	25,749,676	5,244,500	-	-	-	-	-	-	-

Affordable Housing Land Banking

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Human Services	Proposed Bid Award Date:	N/A		
Department:	Housing and Community Development	Starting Date:	N/A	Expansion	X
Project Number:	10056	Completion Date:	N/A	Renovation	
				Replacement	

Project Description/Justification: There is no funding planned in FY 2018-19. Funding of \$1,000,000 in FY2016-17 was 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 acquisition of property for future residential development as an affordable housing alternative.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services								-	
Construction/Repairs/Renovations								-	
Land Acquisition	2,000,000							-	
<i>Total Project Budget</i>	2,000,000	-	-	-	-	-	-	-	-
Funding Sources									
Transfer from General Fund			-	-	-	-	-	-	-
Transfer from Other Projects								-	
Debt Financing	2,000,000		-					-	
Bond Proceeds								-	
<i>Total</i>	2,000,000	-	-	-	-	-	-	-	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Environment and Agriculture Center

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/17	Expansion	X
Project Number:	10020	Completion Date:	6/30/18	Renovation	X
				Replacement	

Project Description/Justification: FY 2017-18 funding reflects a renovated Environment and Agriculture Center (EAC) on Revere Road. The architect has completed a comprehensive visioning study of the facility including a structural report finding the facility structurally sound. A completed report has been provided to the BOCC. This report builds on a study conducted in 2006 by the Agricultural Center Work Group which evaluated the need and justification for an Orange County Agricultural Center. In addition to this renovation option the report outlines new construction options either at the Revere road site or in a similar area on the northern periphery of Hillsborough. The funding for the roof renovation has been included in this CIP project; if funds are not appropriated for this project the roof coating cost will be added into the Roof & Building Façade project for FY2018-19. Following the visioning study, the Board of Orange County Commissioners requested that staff also investigate potential sites along the Cornelius Street corridor in Hillsborough, potential mixed use development options to include affordable residential development, and options to increase day lighting in the facility. The results of these investigations were reported to the Board or Orange County Commissioners in January, 2018. If the Board of Orange County Commissioners authorizes the development of a Northern Orange County campus, a revised combined project will be amended consisting of the Detention Facility, Environment and Ag Center, and Parks Operations Base.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Land/Building									
Professional Services	300,000							-	
Construction/Repairs/Renovations		3,282,000						-	
Equipment/Furnishings		102,500						-	
Total Project Budget:	300,000	3,384,500	-	-	-	-	-	-	-
Funding Sources									
Transfer from General Fund								-	-
Transfer from Other Projects								-	
Debt Financing	300,000	3,384,500	-	-	-	-	-	-	-
Total	300,000	3,384,500	-	-	-	-	-	-	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs			-	-	-	-	-	-	-

Government Services Annex

Project Category:	County Capital	Project Status:	Planned	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD	New	
Department:	Asset Management Services	Starting Date:	07/01/17	Expansion	
Project Number:	10008	Completion Date:	06/30/19	Renovation	X
				Replacement	X

Project Description/Justification: Funding of \$350,000 in FY 2017-18 was to replace the current HVAC systems and relocate the main electrical distribution systems from the basement level to the first floor. This relocation is necessary to mitigate new flood plain elevations that put these systems at risk.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
<i>Land/Building</i>									
<i>Construction/Repairs/Renovations</i>									
Electrical panel relocation		250,000						-	
HVAC Replacement		100,000						-	
<i>Total Project Budget:</i>		350,000	-	-	-	-	-	-	-
Funding Sources									
<i>Transfer from General Fund</i>									
<i>Transfer from Other Projects</i>									
<i>Debt Financing</i>									
<i>Total</i>		350,000						-	
		350,000	-	-	-	-	-	-	-
Impact on Operating Budget									
<i>Personnel Services</i>									
<i>Operations</i>									
<i>Recurring Capital</i>									
<i>New/Add'l Revenue</i>									
<i>Total Operating Costs</i>			-	-	-	-	-	-	-

Passmore Center Renovation

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	5/31/17	New	
Department:	Asset Management Services	Starting Date:	7/1/17	Expansion	X
Project Number:	10023	Completion Date:	7/1/18	Renovation	X
				Replacement	

Project Description/Justification: Funding of \$550,000 in FY 2016-17 provides for enclosing the front entrance area to create approximately 1,250 square feet of additional programming space at the Passmore Center in Hillsborough.



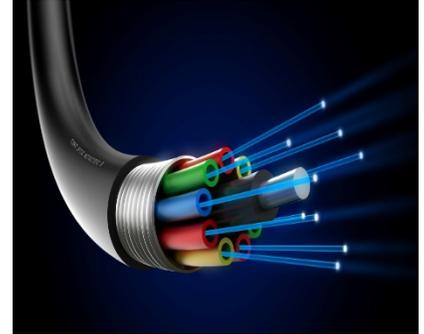
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services	125,000							-	
Construction/Repairs/Renovations	375,000							-	
Equipment/Furnishings	50,000							-	
Total Project Budget	550,000	-	-	-	-	-	-	-	-
Funding Source									
General Fund - Debt Service			-	-	-	-	-	-	-
Transfer from Other Projects								-	
Debt Financing	550,000			-				-	-
Total	550,000	-	-	-	-	-	-	-	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Information Technologies Broadband Connectivity

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	May 2018	New	
Department:	Information Technology	Starting Date:	July 2018	Expansion	X
Project Number:	30007	Completion Date:	July 2019	Renovation	
				Replacement	

Project Description/Justification: Funding in FY2017-18 included \$500,000 to improve broadband services for up to 750 units in northern and portions of western Orange County. A competitive solicitation process is currently being utilized with a proposed bid award date of May 2018 with a project start date of July 2018.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services									
Broadband Connectivity		500,000						-	
Equipment								-	
<i>Total Project Budget</i>	-	500,000	-	-	-	-	-	-	-
Funding Sources									
Transfer from General Fund								-	-
Transfer from Other Projects								-	
Funding from Partners								-	
Debt Financing		500,000						-	
<i>Total</i>	-	500,000	-	-	-	-	-	-	-
Impact on Operating Budget									
Personnel Services									
Operations								-	-
Recurring Capital									
New/Add'l Revenues								-	
<i>Total Operating Costs</i>	-	-	-	-	-	-	-	-	-

River Park, Phase II

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	
Department:	DEAPR	Starting Date:	7/1/15	Expansion	
Project Number:	20032	Completion Date:	7/1/18	Renovation	X
				Replacement	X

Project Description/Justification: River Park is located behind the Courthouse/Justice Facilities building, and the County's East Campus buildings. Prior year funding included bridge replacement (an engineered bridge), a performance shell, trail extensions, benches, a renovation of the Oconneechee Village replica, signage and stormwater improvements and new entrance. Some of these improvements are underway, while others have been on hold pending the recently-completed Town pedestrian and public transit improvements project. There is also a sewer line repair within the park that is delaying activity in the winter of 2018, but park improvements should begin in the spring/summer. This park is experiencing increased usage due to the Hillsborough Riverwalk (which includes a portion of the MST) being located in the park, and its proximity to other downtown attractions.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building									
Construction/Repairs/Renovations	400,000							-	
Equipment/Furnishings									
Total Project Budget	400,000	-	-	-	-	-	-	-	-
<i>Funding Sources</i>									
Transfer from General Fund	100,000							-	
Transfer from Other Funds			-	-	-	-	-	-	-
NCDOT/Town of Hillsborough								-	
Debt Financing	300,000							-	
Total	400,000	-	-	-	-	-	-	-	-
<i>Impact on Operating Budget</i>									
Personnel Services	-	24,000	24,000	24,000	24,000	24,000	24,000	120,000	120,000
Operations	-	8,000	8,000	8,000	8,000	8,000	8,000	40,000	40,000
Recurring Capital									
New/Addl Revenue								-	-
Total Operating Costs		32,000	32,000	32,000	32,000	32,000	32,000	160,000	160,000

Cedar Grove Community Center

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	TBD		
Department:	Asset Management Services	Starting Date:	7/1/12	Expansion	
Project Number:	10016	Completion Date:	6/30/18	Renovation Replacement	

Project Description/Justification: The Cedar Grove Community Center opened in June 2016, located on NC 86 North adjoining Cedar Grove Park. Funding of \$75,000 in FY 2017-18 includes the installation of showers at the facility for persons using the exercise equipment and gymnasium. This project includes incremental increases in personnel and utility costs.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building								-	
Construction/Repairs/Renovations	3,786,771	75,000						-	
Equipment/Furnishings - Library Kiosk	180,000							-	
Total Project Budget	3,966,771	75,000	-	-	-	-	-	-	-
<i>Funding Sources</i>									
Transfer from General Fund	396,545	75,000		-	-	-	-	-	-
Available Project Balance	250,000							-	
Debt Financing	3,320,226							-	
Total	3,966,771	75,000	-	-	-	-	-	-	-
<i>Impact on Operating Budget</i>									
Personnel Services	64,106	32,760	32,760	32,760	32,760	49,801	49,801	197,882	249,005
Operations	88,068	46,270	46,270	46,270	46,270	46,270	46,270	231,350	231,350
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	152,174	79,030	79,030	79,030	79,030	96,071	96,071	429,232	480,355

Historic Rogers Road Neighborhood Community Center

Project Category:	County Capital	Project Status:	Active	Project Type
Functional Service Area:	Support Services	Proposed Bid Award Date:		New
Department:	Asset Management Services	Starting Date:		Expansion
Project Number:	20042	Completion Date:		Renovation Replacement

Project Description/Justification: There is no funding proposed for FY2017-18 as part of the Capital Investment Plan. Some smaller improvements will be reflected in the departmental budget. The Rogers Road Community Center opened in 2014 and is operated in compliance with a Service Level Agreement (SLA) with the Rogers-Eubanks Neighborhood Association (RENA).



FINANCIAL SUMMARY

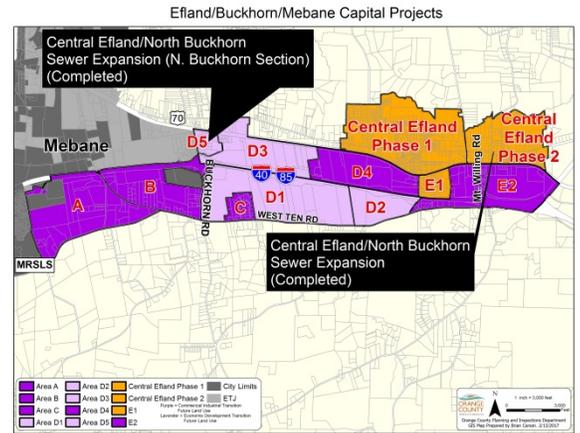
Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Professional Services								-	
Land/Building	650,000								
Construction/Repairs/Renovations		-						-	
Total Project Budget:	650,000	-	-	-	-	-	-	-	-
<i>Funding Sources</i>									
From General Fund	650,000								
Chapel Hill Reimbursement (43%)		-		-	-	-	-	-	
Carrboro Reimbursement (14%)		-		-	-	-	-	-	-
Debt Financing		-		-	-	-	-	-	
Total	650,000	-	-	-	-	-	-	-	-
<i>Impact on Operating Budget</i>									
Personnel Services	18,400	18,400	18,400	18,400	18,400	18,400	18,400	92,000	92,000
Operations									
Recurring Capital									
New/Addl Revenue								-	-
Total Operating Costs	18,400	18,400	18,400	18,400	18,400	18,400	18,400	92,000	92,000

Central Efland/North Buckhorn Sewer Expansion

Project Category:	Water and Sewer	Project Status:	Debt Repayment	Project Type
Functional Service Area:	Community Services	Proposed Bid Award Date:	N/A	New
Department:	Planning and Inspections	Starting Date:	07/01/10	Expansion X
Project Number:	30042	Completion Date:	06/30/13	Renovation Replacement

Project Description/Justification: The project is complete and therefore there is no capital funding in FY2018-19 for the Central Efland/North Buckhorn Sewer Expansion project. This project is included to reflect the associated ongoing debt service. The sewer extensions were made in two distinct areas. The project was made possible by EPA Special Appropriations Grants and also supported by a low interest loan from the NCDENR State Revolving Loan Fund and the general fund.

1. The Northern Buckhorn portion was an extension of the City of Mebane's sewer system that serves residents in the area along Buckhorn Road between the Interstate I-40/85 and the railroad tracks.
2. The Central Efland (Ph. 2) portion of this project added to the previously completed Efland Sewer System to provide sewer service availability to the majority of those properties requesting service 25 years ago.



Operational Impacts:

1. **North Buckhorn Extension** – None; the easements and infrastructure for this section of sewer were transfer to the City of Mebane in Dec. 2016. Mebane now owns and maintains this as part of their system.
2. **Central Efland Extension** (part of the Efland Sewer System) - Orange County still owns and operates this section through in-house administration and interlocal agreements with the Mebane, Hillsborough and Orange-Alamance Water System (OAWS). This system will be transferred completely to Mebane once the Efland Sewer to Mebane Ph. 2 Extension CIP project is completed, currently under construction and scheduled to be finished during the first half of FY2018-19.

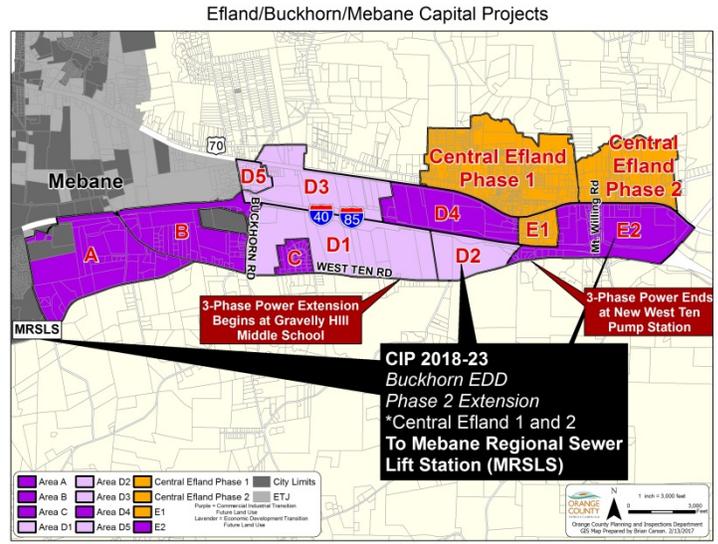
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services	34,000							-	
Land/Building	59,900							-	
Construction/Repairs/Renovations	3,700,000							-	
Equipment/Furnishings								-	
Total Project Budget	3,793,900	-	-	-	-	-	-	-	-
Funding Sources									
Transfer from General Fund	93,601							-	
Transfer from Other Projects	-							-	
EPA Special Appropriations Grant	1,348,400							-	
State Revolving Loan Funds	2,351,899							-	
Debt Financing								-	
Total	3,793,900	-	-	-	-	-	-	-	-
Impact on Efland Sewer Operating Budget									
Personnel Services									
Operations	777,610	116,530	58,265					58,265	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs	-	116,530	58,265	-	-	-	-	58,265	-

Buckhorn EDD - Efland Sewer to Mebane, Phase 2 Extension

Project Category:	Water and Sewer	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	05/01/17	New	
Department:	Planning and Inspections	Starting Date:	07/01/17	Expansion	X
Project Number:	30044	Completion Date:	10/31/18	Renovation	
				Replacement	

Project Description/Justification: Funding was in prior years. No additional funding is being sought in FY2018-19. 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 (currently under construction) will construct the infrastructure necessary to send the wastewater collected by the existing system to the City of Mebane. The strategy for operation and maintenance of the system will comply with the Interlocal Agreement with the City of Mebane. This project would also construct the force main between the new West Ten Road Sewer Pump Station (pump station) and the existing Rock Quarry road, 18" gravity sewer main. This will eventually allow the Gravelly Hill PS (Buckhorn EDD) to be upgraded and connected to the larger force main (please see Buckhorn Mebane Phase 3 CIP).



Operational Impacts: Orange County currently operates the Efland Sewer System. Upon completion of this project, the infrastructure ownership and maintenance responsibilities will be transferred to the City of Mebane per the Interlocal Agreement; thereby relieving Orange County of the associated expenditures.

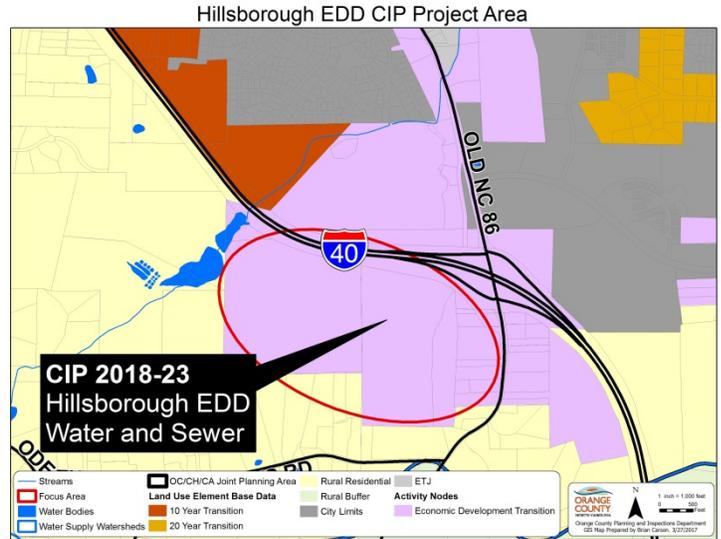
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Design Services	403,000								
Land/Building	40,000								
Construction/Repairs/Renovations	4,300,000								
Project Management	230,000								
Equipment/Furnishings									
Total Project Budget	4,973,000								
Funding Sources									
Transfer from General Fund	151,600								
Transfer from Other Projects									
Article 46 Sales Tax Proceeds	240,000								
Debt Financing - Article 46 Sales Tax	4,581,400								
Total	4,973,000								
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs									

Hillsborough EDD

Project Category:	Water and Sewer	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	7/1/18	New	X
Department:	Planning and Inspections	Starting Date:	9/1/18	Expansion	
Project Number:	30048	Completion Date:	10/31/19	Renovation	
				Replacement	

Project Description/Justification: No additional funding is being sought in FY2018-19. The \$380,000 funding in FY2017-18 added scope for a water main extension in the southwestern area. The County has developed a Utility Service Agreement with the Town of Hillsborough. This initial project targets approximately 370 acres in the southwestern and northwestern corner of the Hillsborough EDD in Orange County, including approximately 130 acres north of I-40 and west of Old NC 86. The design and construction of water and sewer infrastructure in this EDD will facilitate development in the area. The design and construction of the water and sewer infrastructure will be done in conjunction with the Town of Hillsborough, with the Town sharing in those costs (not included in CIP below) primarily for the loop water system outside of the EDD. Recent geotechnical exploration of subsurface conditions below the interstate has revealed that more rock will be encountered than originally estimated under the elevated interstate in the area. As a result, the scope of the construction project may be monitored during the bid stage to keep within the project budget, maintaining the primary goal of getting gravity sewer to the south side of I-40. Orange County is in the process of obtaining a Golden Leaf infrastructure grant for the southern area.



Operational Impacts: None, as infrastructure will be turned over to the Town of Hillsborough for ownership and maintenance following completion.

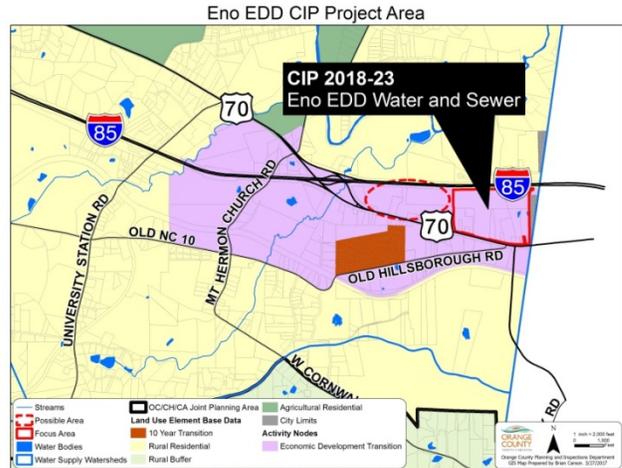
FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Design Services	100,000	90,000						-	
Land/Building	50,000							-	
Construction/Repairs/Renovations	1,000,000	200,000						-	
Project Management		90,000							
Equipment/Furnishings									
Total Project Budget	1,150,000	380,000	-	-	-	-	-	-	-
Funding Sources									
Transfer from General Fund									
Article 46 Sales Tax Proceeds	150,000	90,000	-					-	
Debt Financing - Article 46 Sales Tax	1,000,000	290,000	-					-	
Total	1,150,000	380,000	-	-	-	-	-	-	-
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs			-	-	-	-	-	-	-

Eno EDD

Project Category:	Water and Sewer	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	7/01/18	New	X
Department:	Planning and Inspections	Starting Date:	9/30/18	Expansion	
Project Number:	30045	Completion Date:	9/30/19	Renovation	
				Replacement	

Project Description/Justification: No additional funding is being sought in FY2018-19. The \$490,000 funding in FY 2017-18, along with prior years funding, is for construction and construction project management of the utility infrastructure. This 776 acre area of the County has been designated an Economic Development District. Approximately 100 acres in the northeast portion of the Eno EDD has been identified for feasible gravity sewer system extension. Another western and adjacent area of 100 acres may tie into this system via a private sewer pump station. The design and construction of water and sewer infrastructure in this portion of the EDD will facilitate development in the area. For example, presently a developer and electric contractor is proposing a building that is on a similar design/construction track as this CIP project. Coordinating this development activity has improved the synergy with this project. Other property owners have begun to jointly plan and market their property. There is an interlocal 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. Concurrent downstream sewer system improvements by Durham will remove former sewage capacity constraints resulting from infiltration and inflow (I&I) that have to be resolved before Orange County's sewer system extension can be brought online. Completion of Orange County's project is timed such that completion will coincide with sufficient downstream capacity improvements. Staff is also exploring with NCDOT the extension of NC751 into this industrial park.



Operational Impacts: None, as infrastructure will be turned over to the City of Durham for ownership and maintenance following completion.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Design Services	375,000							-	
Land/Building	60,000							-	
Construction/Repairs/Renovations	1,000,000	375,000						-	
Project Management		115,000						-	
Total Project Budget	1,435,000	490,000						-	
Funding Sources									
Transfer from General Fund	200,000							-	
Article 46 Sales Tax Proceeds	235,000							-	
Debt Financing - Article 46 Sales Tax	1,000,000	490,000						-	
Total	1,435,000	490,000						-	
Impact on Operating Budget									
Personnel Services									
Operations									
Recurring Capital									
New/Add'l Revenue									
Total Operating Costs			-	-	-	-	-	-	-

Historic Rogers Road Neighborhood Infrastructure

Project Category:	County Capital	Project Status:	Active	Project Type	
Functional Service Area:	Support Services	Proposed Bid Award Date:	4/30/17		
Department:	Planning & Inspections/ Asset Management Services	Starting Date:	7/1/17	Expansion	X
Project Number:	10054	Completion Date:	6/30/19	Renovation Replacement	

Project Description/Justification: Funding of \$5,680,000 in FY2016-17 included the estimated cost of the construction and Construction Administration of the Sewer Concept plan to serve 86 parcels. The funding in FY2015-16 included \$620,000 for Engineering Design, \$160,000 for Community Planning and Outreach and \$212,000 for easement acquisitions. The Historic Rogers Road Neighborhood Task Force recommended that the Sewerplan should be funded by Carrboro, Chapel Hill, and Orange County in proportion to the recommended cost sharing (14%, 43%, 43%). pursuant to an interlocal agreement last adopted December 13, 2016.

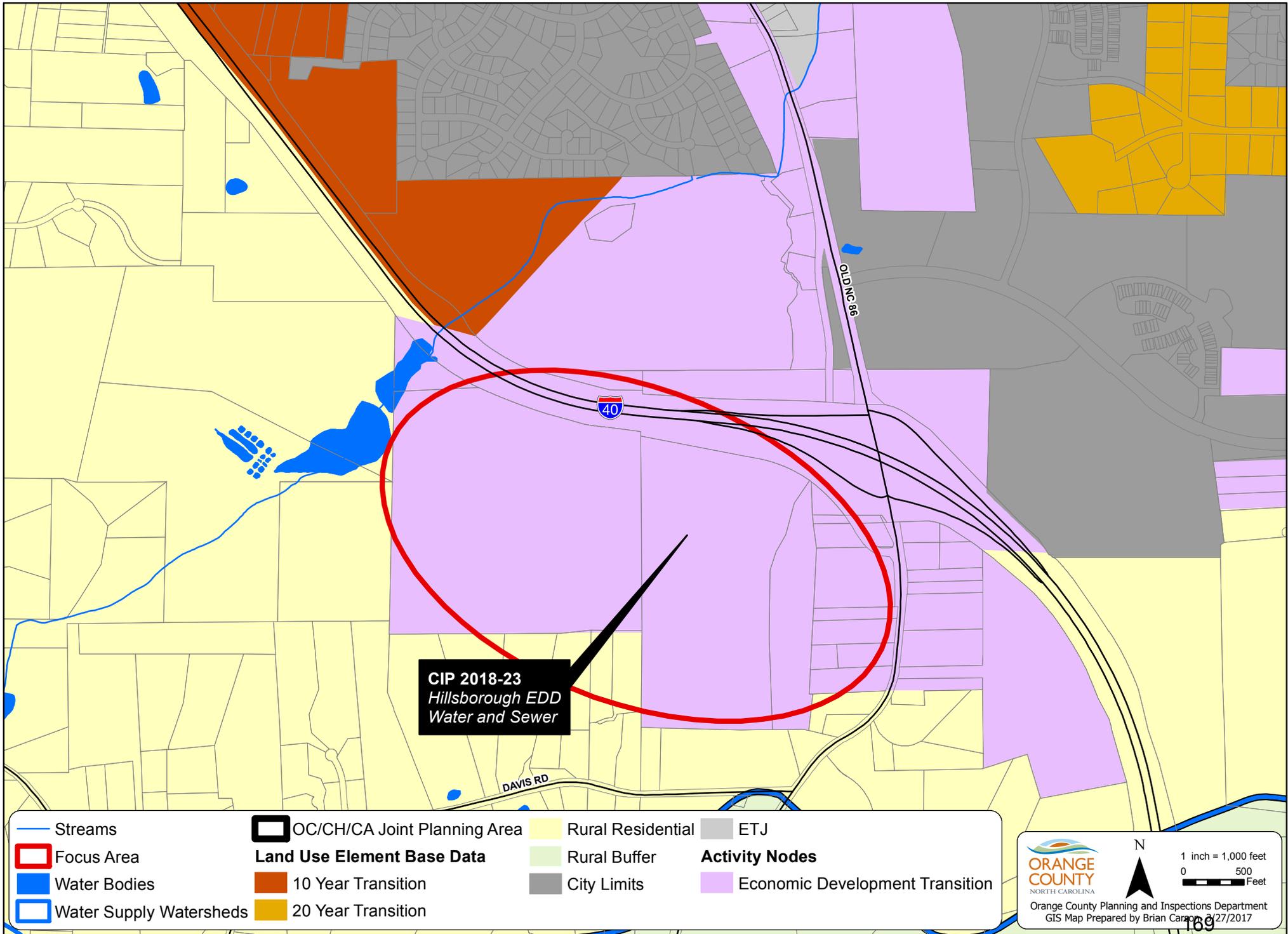
Part of the \$5,680,000 includes funds (\$220,000) for on-site sewer plumbing connections for up to 56 occupied structures, including the cost of OWASA availability fee.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
Expenses									
Professional Services	780,000							-	
Land/Building	212,000							-	
Construction/Repairs/Renovations	5,460,000							-	
Plumbing/Connection Fees	220,000							-	
Total Project Budget:	6,672,000	-	-	-	-	-	-	-	-
Funding Sources									
From General Fund	77,400							-	
Chapel Hill Reimbursement (43%)	426,560							-	
Carrboro Reimbursement (14%)	138,880							-	
Debt Financing	6,029,160							-	
Total	6,672,000	-	-	-	-	-	-	-	-
Impact on Operating Budget									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Add'l Revenue								-	
Total Operating Costs		-	-	-	-	-	-	-	-

Hillsborough EDD CIP Project Area



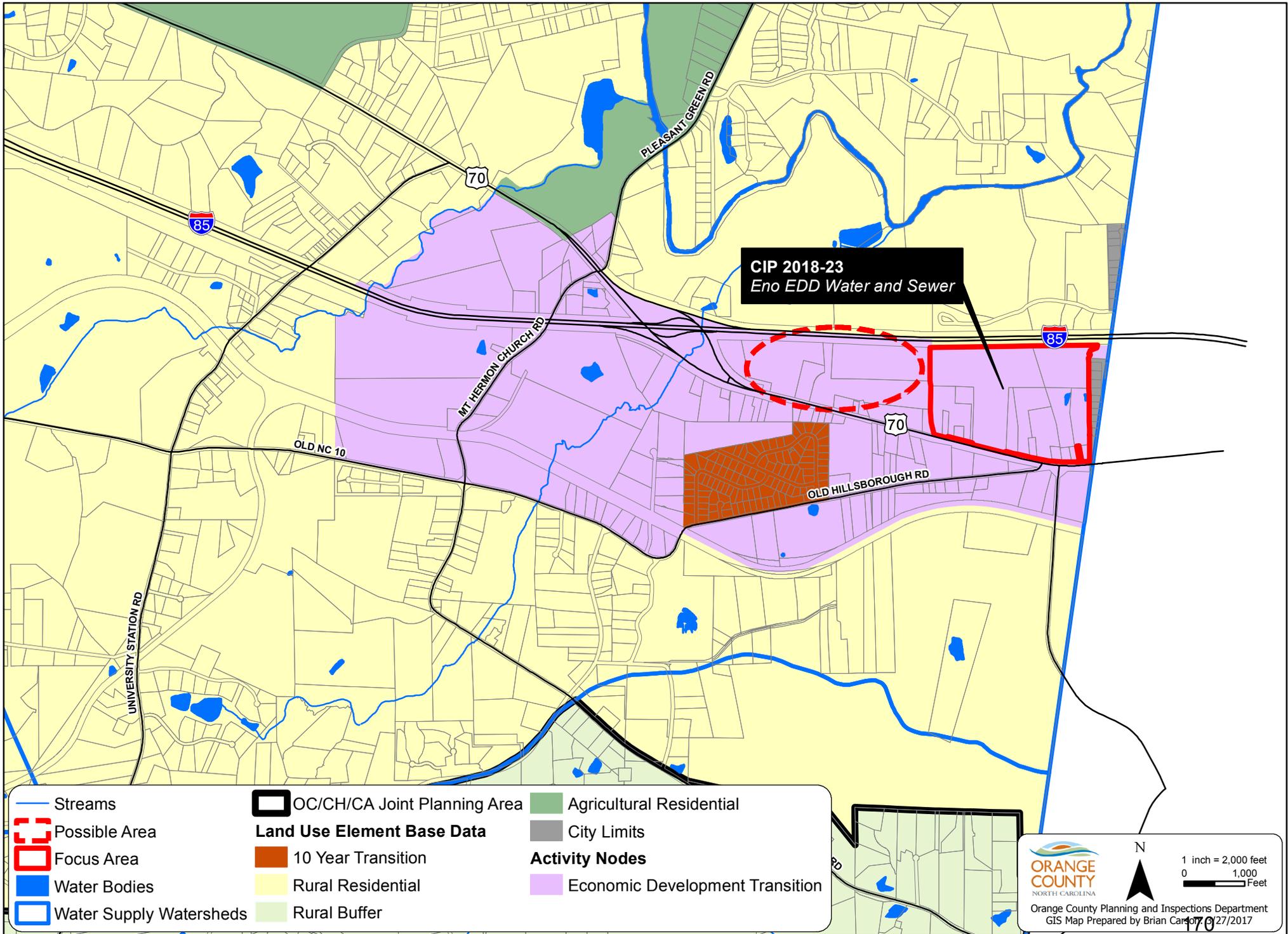
1 inch = 1,000 feet

 0 500 Feet

 Orange County Planning and Inspections Department

 GIS Map Prepared by Brian Carson 2/27/2017

Eno EDD CIP Project Area



- | | | |
|-------------------------|-----------------------------------|---------------------------------|
| Streams | OC/CH/CA Joint Planning Area | Agricultural Residential |
| Possible Area | Land Use Element Base Data | City Limits |
| Focus Area | 10 Year Transition | Activity Nodes |
| Water Bodies | Rural Residential | Economic Development Transition |
| Water Supply Watersheds | Rural Buffer | |

1 inch = 2,000 feet

 0 1,000 Feet

 Orange County Planning and Inspections Department

 GIS Map Prepared by Brian Carter 1/27/2017

Eubanks Road Waste & Recycling Facilities

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	1/24/17	New	
Department:	Solid Waste	Starting Date:	3/6/17	Expansion	
Project Number:	Fund 50	Completion Date:	3/23/2018	Renovation	X
				Replacement	

Project Description/Justification: Solid Waste Facilities Improvements – (Eubanks Road Waste and Recycling Center) (\$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, and the relocation of the main landfill entrance and scale house from the south side of Eubanks Road to the north side of Eubanks Road; (\$3,145,858); (\$30,000) grant (reimbursable) for Compactor.



Initial bids (Feb. 2, 2016) exceeded the project budget and deduct alternates and negotiations with the contractor were unsuccessful in bringing the project in under budget. The site was redesigned in an effort to reduce costs and was rebid. The new low bid was negotiated and value engineered to \$3,100,000, not including stationary compactors that were planned to be bid separately. Stationary compactors (\$214,000) will be purchased from the separate Sanitation – Vehicle/Equipment Replacement project. Prior year’s operating budget includes \$44,000 for establishment of a temporary center used during construction and associated public education & outreach.

Current year operating costs include three months of two new 30/hr./wk. part-time, permanent center operators and installation of security cameras. Year one operating costs include electricity, and increased operating hours for the HHW facility, and recurring capital for future replacement of 8 receiver boxes for containing and hauling compacted materials, and 8 stationary compactor units. Additional budgetary savings of \$93,552 was realized in FY 2016-17 due to the installation of compactors.

FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	3,145,858							-	
Equipment/Furnishings								-	
<i>Total Project Budget:</i>	3,145,858	-	-	-	-	-	-	-	-
<i>Funding Sources</i>									
Solid Waste Funds	303,311							-	
Debt Financing	2,842,547							-	
Grant Funds								-	
<i>Total</i>	3,145,858	-	-	-	-	-	-	-	-
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services	-	18,050	72,194	72,916	73,645	74,382	74,382	367,519	383,220
Operations	76,205	32,808	47,200	48,144	49,106	50,090	50,090	244,630	271,196
Recurring Capital		66,855	35,500	35,500	35,500	35,500	35,500	177,500	177,500
New/Addl Revenue								-	
<i>Total Operating Costs</i>		117,713	154,894	156,560	158,251	159,972	159,972	789,649	831,916

Recycling - Roll Cart Distribution and Maintenance Building

Project Category:	Solid Waste Capital	Project Status:	Debt Repayment	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	10/1/15	New	X
Department:	Solid Waste	Starting Date:	12/1/15	Expansion	
Project Number:	Fund 50	Completion Date:	3/1/16	Renovation	
				Replacement	

Project Description/Justification: Facility built to store stock of roll carts maintained for the urban and rural curbside programs, commercial and government building collections, and other services utilizing roll carts. The shelter protects the carts from the weather, theft, and vandalism. The building also provides and sheltered location to store parts for cart repairs and a location for staff to perform repairs. The project is complete. See debt repayment schedule included in the Appendix section of the document. Electricity costs of < \$200/year are more than offset by labor savings of cleaning roll carts prior to distribution, resulting from outdoor storage, as was previously occurring. This project is complete. (See the Appendix section for Debt Service information).



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Expenses</i>									
Land/Building								-	
Professional Services								-	
Construction/Repairs/Renovations	165,000							-	
Equipment/Furnishings								-	
Total Project Budget:	165,000	-	-	-	-	-	-	-	-
<i>Funding Sources</i>									
Solid Waste Funds								-	
Debt Financing	165,000							-	
Grant Funds								-	
Total	165,000	-	-	-	-	-	-	-	-
<i>Impact on Solid Waste Fund Operating Budget</i>									
Personnel Services									
Operations	200	200	200	200	200	250	250	1,100	1,250
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	200	200	200	200	200	250	250	1,100	1,250

Landfill/ C&D - Alternative Waste Disposal

Project Category:	Solid Waste Capital	Project Status:	Active	Project Type	
Functional Service Area:	Community Services	Proposed Bid Award Date:	TBD	New	X
Department:	Solid Waste	Starting Date:	TBD	Expansion	
Project Number:	Fund 50	Completion Date:	TBD	Renovation	
				Replacement	

Project Description/Justification: The \$100,000 funding in FY 2016-17 is to begin a joint effort with the Towns to plan for a Transfer Station or other alternative waste disposal facility. A preliminary facilities assessment is underway.

For FY 2017-18, there is some uncertainty pending the results of a preliminary assessment. Potential to move to a facilities siting process including land acquisition or to conduct preliminary design followed by design and permitting for an existing owned site. Future CIP expenditures/revenues would be estimated during the initial design phase.



FINANCIAL SUMMARY

Project Budget	Prior Years Funding	Current Fiscal Year 2017-18	Year 1 Fiscal Year 2018-19	Year 2 Fiscal Year 2019-20	Year 3 Fiscal Year 2020-21	Year 4 Fiscal Year 2021-22	Year 5 Fiscal Year 2022-23	Five Year Total	Year 6 to Year 10
<i>Appropriation</i>									
Land/Building								-	
Professional Services	100,000							-	
Construction/Repairs/Renovations								-	
Equipment/Furnishings								-	
Total Project Budget:	100,000	-	-	-	-	-	-	-	-
<i>Revenues/Funding Source</i>									
Solid Waste Funds	100,000							-	-
Debt Financing								-	
Grant Funds								-	
Total	100,000	-	-	-	-	-	-	-	-
<i>Solid Waste Fund Related Operating Costs</i>									
Personnel Services								-	
Operations								-	
Recurring Capital								-	
New/Addl Revenue								-	
Total Operating Costs	-	-	-	-	-	-	-	-	-

County Debt Service and Debt Capacity (General Fund Only) - Case 1 Scenario

Case 1 scenario represents 20-Year Level Principal with an Incremental Tax Adjustment and a cumulative tax equivalent impact of 7.27 cents
Fiscal Years 2018-23

Debt Service	Current Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24
<i>Total Existing Annual Debt Service</i>	26,564,186	27,682,524	26,285,643	25,181,278	24,358,222	19,612,018	15,694,532
General Fund Revenues:							
Annual Growth Projections		2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Projected General Fund Revenues	209,886,973	214,084,712	226,344,467	233,088,494	240,748,852	245,563,829	250,475,105
<i>Estimated Incremental Tax Equivalent</i>		<i>4.39 cents</i>	<i>1.22 cents</i>	<i>1.65 cents</i>	-	-	-
Adjusted General Fund Budget		221,906,340	228,518,131	236,028,286	240,748,852	245,563,829	250,475,105
 <i>Existing Debt Service as a % of General Fund Revs</i>	 12.7%	 12.9%	 11.6%	 10.8%	 10.1%	 8.0%	 6.27%
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Future Debt Service Capacity	2.34%	2.07%	3.39%	4.20%	4.88%	7.01%	8.73%
Projected Debt Financing							
2017-18 - \$111,209,058							
Debt Service Payments		7,528,143	7,528,143	7,528,143	7,528,143	7,528,143	7,528,143
 2018-19 - \$33,635,427							
Debt Service Payments			3,253,011	3,253,011	3,253,011	3,253,011	3,253,011
 2019-20 - \$43,513,549							
Debt Service Payments				4,239,011	4,239,011	4,239,011	4,239,011
 2020-21 - \$11,846,755							
Debt Service Payments					1,070,699	1,070,699	1,070,699
 FY 2021-22 - \$35,954,842							
Debt Service Payments						3,394,483	3,394,483
 FY 2022-23 - \$20,423,596							
Debt Service Payments							1,511,846
 New Debt Service	-	7,528,143	10,781,154	15,020,165	16,090,864	19,485,347	20,997,193
 Projected Annual Debt Service	26,564,186	35,210,667	37,066,797	40,201,443	40,449,086	39,097,365	36,691,725
 Projected Annual Debt Service As a Percent of the General Fund Revenues	 12.7%	 15.9%	 16.3%	 17.1%	 16.8%	 15.9%	 14.7%

County Debt Service and Debt Capacity (General Fund Only) - Case 2 Scenario ¹

Case 2 scenario represents 20-Year Level Principal with an Incremental Tax Adjustment and Interest Only Periods, and a cumulative tax equivalent impact of 5.76 cents.

Fiscal Years 2018-23

Debt Service	Current Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24
<i>Total Existing Annual Debt Service</i>	26,564,186	27,682,524	26,285,643	25,181,278	24,358,222	19,612,018	15,694,532
General Fund Revenues:							
Annual Growth Projections		2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Projected General Fund Revenues	209,886,973	214,084,712	222,328,177	228,646,586	237,835,526	242,592,236	247,480,427
<i>Estimated Incremental Tax Equivalent</i>		<i>2.18 cents</i>	<i>1.03 cents</i>	<i>2.54 cents</i>	-	<i>0.02 cents</i>	-
Adjusted General Fund Budget		217,968,801	224,163,320	233,172,084	237,835,526	242,627,870	247,480,427
Existing Debt Service as a % of General Fund Revs	12.7%	12.9%	11.8%	11.0%	10.2%	8.1%	6.34%
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Future Debt Service Capacity	2.34%	2.07%	3.18%	3.99%	4.76%	6.92%	8.66%
Projected Debt Financing							
2017-18 - \$111,209,058							
Debt Service Payments		3,507,741	3,507,741	3,507,741	3,507,741	3,507,741	3,507,741
2018-19 - \$33,635,427							
Debt Service Payments			1,963,022	1,963,022	1,963,022	1,963,022	1,963,022
2019-20 - \$43,513,549							
Debt Service Payments				2,527,308	2,527,308	2,527,308	2,527,308
2020-21 - \$11,846,755							
Debt Service Payments					1,004,375	1,004,375	1,004,375
FY 2021-22 - \$35,954,842							
Debt Service Payments						7,190,170	7,190,170
FY 2022-23 - \$20,423,596							
Debt Service Payments							4,991,613
New Debt Service	-	3,507,741	5,470,763	7,998,071	9,002,446	16,192,616	21,184,229
Projected Annual Debt Service	26,564,186	31,190,265	31,756,406	33,179,349	33,360,668	35,804,634	36,878,761
Projected Annual Debt Service As a Percent of the General Fund Revenues	12.7%	14.3%	14.2%	14.2%	14.0%	14.8%	14.9%

¹ Note: Interest Only restructuring results in \$4.3 million more in Total CIP Debt Service through final maturity compared to Case 3, and stays within the 15% debt service policy through FY 2023-24. These Interest Only Periods are subject to review and discussion with the Local Government Commission staff.

County Debt Service and Debt Capacity (General Fund Only) - Case 3 Scenario ¹

Case 3 scenario represents 20-Year Level Principal with an Incremental Tax Adjustment and Interest Only Periods, and a cumulative tax equivalent impact of 5.76 cents.

Fiscal Years 2018-23

Debt Service	Current Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24
<i>Total Existing Annual Debt Service</i>	26,564,186	27,682,524	26,285,643	25,181,278	24,358,222	19,612,018	15,694,532
General Fund Revenues:							
Annual Growth Projections		2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Projected General Fund Revenues	209,886,973	214,084,712	222,328,177	228,646,586	237,835,526	242,592,236	247,480,427
<i>Estimated Incremental Tax Equivalent</i>		<i>2.18 cents</i>	<i>1.03 cents</i>	<i>2.54 cents</i>	-	<i>0.02 cents</i>	-
Adjusted General Fund Budget		217,968,801	224,163,320	233,172,084	237,835,526	242,627,870	247,480,427
 Existing Debt Service as a % of General Fund Revs	12.7%	12.9%	11.8%	11.0%	10.2%	8.1%	6.34%
<i>Debt Service Policy</i>	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Future Debt Service Capacity	2.34%	2.07%	3.18%	3.99%	4.76%	6.92%	8.66%
Projected Debt Financing							
2017-18 - \$111,209,058							
Debt Service Payments		3,507,741	3,507,741	3,507,741	3,507,741	3,507,741	3,507,741
2018-19 - \$33,635,427							
Debt Service Payments			1,963,022	1,963,022	1,963,022	1,963,022	1,963,022
2019-20 - \$43,513,549							
Debt Service Payments				2,527,308	2,527,308	2,527,308	2,527,308
2020-21 - \$11,846,755							
Debt Service Payments					5,734,261	5,734,261	5,734,261
FY 2021-22 - \$35,954,842							
Debt Service Payments						5,831,386	5,831,386
FY 2022-23 - \$20,423,596							
Debt Service Payments							3,605,606
 New Debt Service	-	3,507,741	5,470,763	7,998,071	13,732,332	19,563,718	23,169,324
Projected Annual Debt Service	26,564,186	31,190,265	31,756,406	33,179,349	38,090,554	39,175,736	38,863,856
 Projected Annual Debt Service As a Percent of the General Fund Revenues	12.7%	14.3%	14.2%	14.2%	16.0%	16.2%	15.7%

¹ Note: Interest Only restructuring results in \$4.3 million less in Total CIP Debt Service through final maturity compared to Case 2, and is above the 15% debt service policy beginning in FY 2021-22. These Interest Only Periods are subject to review and discussion with the Local Government Commission staff.

Water and Sewer Projects Debt Service (Article 46 Sales Tax) - RECOMMENDED
Fiscal Years 2018-23

Debt Service	Current Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24
Projected Article 46 Sales Tax Proceeds (Economic Development Portion)	1,755,746	1,825,976	1,899,015	1,974,976	2,053,975	2,136,134	2,221,579
Article 46 Sales Tax Existing Debt Service Obligation	814,936	814,641	809,260	807,502	805,137	797,166	794,838
Projected Debt Financing							
2017-18 - \$0							
2018-2019 - \$2,794,500							
Hillsborough EDD - \$1,290,000			97,034	97,034	97,034	97,034	97,034
Eno EDD - \$1,490,000			112,078	112,078	112,078	112,078	112,078
Buckhorn-Mebane EDD Phase 3 Sewer - \$145,000			10,907	10,907	10,907	10,907	10,907
2019-20 - \$1,365,000							
Buckhorn-Mebane EDD Phase 3 Sewer - \$1,365,000				104,936	104,936	104,936	104,936
2020-21 - \$115,000							
Buckhorn-Mebane EDD Phase 4 Sewer - \$115,000					8,841	8,841	8,841
2021-22 - \$945,000							
Buckhorn-Mebane EDD Phase 3 & 4 - \$945,000						72,648	72,648
2022-23 - \$0							
<i>Projected Additional Annual Debt Service</i>	-	-	220,019	324,955	333,796	406,444	406,444
Total Article 46 Sales Tax Debt Service	814,936	814,641	1,029,279	1,132,457	1,138,933	1,203,610	1,201,282
Available Article 46 Sales Tax Proceeds (Economic Development Portion)	940,810	1,011,335	869,736	842,519	915,042	932,524	1,020,297

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:

20 year Borrowings with Interest Rates ranging from 4.25% to 4.50%.

Solid Waste Projects Debt Service - RECOMMENDED
Fiscal Years 2018-23

Debt Service	Current Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24
Existing Solid Waste Annual Debt Service	758,306	749,925	732,517	714,916	696,974	667,102	486,955
Projected Debt Financing							
2018-2019 - \$1,726,843			180,000	180,000	180,000	180,000	180,000
Sanitation - Vehicles/Equipment							
Recycling - Vehicles/Equipment							
High Rock Road Waste & Recycling Center							
Sanitation Equipment Parking Improvements							
2019-2020 - \$1,856,291				264,440	264,440	264,440	264,440
Sanitation - Vehicles/Equipment							
Recycling - Vehicles/Equipment							
2020-21 - \$1,967,049					238,904	238,904	238,904
Sanitation - Vehicles/Equipment							
Recycling - Vehicles/Equipment							
Ferguson Road Wastet & Recycling Center							
2021-22 - \$1,351,038						192,464	192,464
Recycling - Vehicles/Equipment							
2022-23 - \$2,897,486							367,253
Sanitation - Vehicles/Equipment							
Recycling - Vehicles/Equipment							
Bradshaw Quarry Road Waste & Recycling Center							
Landfill/C & D - Equipment							
<i>Projected Additional Annual Debt Service</i>	-	-	180,000	444,440	683,344	875,808	1,243,061
Total Solid Waste Debt Service	758,306	749,925	912,517	1,159,356	1,380,318	1,542,910	1,730,016

Assumptions:

5 Year Borrowings for Vehicles/Equipment with Interest Rate of 3.00%

20 year Borrowings for Construction projects with Interest Rates ranging from 4.00% to 4.50%.

Sportsplex Projects Debt Service - RECOMMENDED
Fiscal Years 2018-23

Debt Service	Current Fiscal Year 2017-18	Fiscal Year 2018-19	Fiscal Year 2019-20	Fiscal Year 2020-21	Fiscal Year 2021-22	Fiscal Year 2022-23	Fiscal Year 2023-24
Existing Sportsplex Annual Debt Service	839,290	812,482	789,025	761,981	738,668	709,423	692,172
Projected Debt Financing							
2018-19 - \$0							
2019-20 - \$0							
2020-21 - \$1,150,000 Ice Rink Re-Build and Renovations					88,408	88,408	88,408
2021-22 - \$0							
2022-23 - \$0							
<i>Projected Additional Annual Debt Service</i>	-	-	-	-	88,408	88,408	88,408
Total Sportsplex Debt Service	839,290	812,482	789,025	761,981	827,076	797,831	780,580

Assumptions:
20 year Borrowings with Interest Rates ranging from 4.00% to 4.50%.

Orange County Board of Commissioners

Capital Funding Policy

Preamble

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

Long Range Capital Investment Plan

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

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

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

Sources of Funds

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

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

Debt Service

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

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

NC Education Lottery Proceeds

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

Allocation

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

Capital Project Ordinances – Form and Purpose

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

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

Community Use of Schools

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

Schools Adequate Public Facilities Ordinance

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

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

Rescission

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

April 5, 2011

ORANGE COUNTY BOARD OF COMMISSIONERS DEBT MANAGEMENT POLICY

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

POLICY STATEMENTS

Purpose and Type of Debt

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

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

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

Purpose and Type of Debt (continued)

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

Issuance of Debt

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

Level of Debt

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

Advance Refunding of Debt

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

Undesignated Fund Balance

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

Investment of Capital Funds

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

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

Bond Ratings

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

Arbitrage Rebate and Secondary Market Disclosure Requirements

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

Enterprise Funds

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

Capital Reserve Funds

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

5-Year Capital Investment Plan (CIP)

- 27. The County will review and adopt a five-year CIP annually.
- 28. This Debt Management Policy will be incorporated into the CIP.
- 29. The County will strive to include plans for debt issuance within the CIP.

Rescission

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

April 5, 2011

ORANGE COUNTY BOARD OF COMMISSIONERS FUND BALANCE MANAGEMENT POLICY

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

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

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

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

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

Unassigned Fund Balance – General Fund

Orange County has adopted a fiscal policy that provides for capital projects to be financed with debt and pay-as-you-go funding. In order to obtain the best possible financing, the County has adopted policies designed to maintain bond ratings at or better than AAA (Fitch), Aaa (Moody's Investor Services) and AAA (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 16% 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 16% percent, the balances may be utilized to fund capital expenditures or pay down outstanding County debt.
3. **The County's budget and revenue spending policy provides for programs with multiple revenue sources. The Financial Services Director will use resources in the following hierarchy: bond proceeds, Federal funds, State funds, local non-county funds, county funds. For purposes of fund balance classification, expenditures are to be spent from restricted fund balance first, followed in-order by committed fund balance, assigned fund balance, and lastly, unassigned fund balance. The Financial Services Director has the authority to deviate from this policy if it is in the best interest of the County with Board of County Commissioner's approval.**
4. **Management is expected to manage the budget so that revenue shortfalls and expenditure increases do not impact the County's total unassigned fund balance. If a catastrophic economic event occurs that requires a 10% or more deviation from total budgeted revenues or expenditures, then unassigned fund balance can be reduced by action from the Board of County Commissioners; the Board also will adopt a plan of action to return spendable fund balance to the required level.**

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

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

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

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

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

Rescission

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

May 16, 2017