

CAPITAL IMPROVEMENT PROGRAM

The Capital Improvement Plan (CIP) and the Capital Needs Assessment (CNA) - collectively referred to as the **Capital Improvement Program** - represent a statement of the County of Albemarle's policy regarding long-range physical development for the next five-year and ten-year periods respectively. The Capital Improvement Program serves as a planning and implementation tool for the acquisition, development, construction, maintenance, and renovation of public facilities, infrastructure and capital equipment and supports School Division and General Government projects.

The initial five-year period of the program is called the **Capital Improvement Plan (CIP)**. The CIP forecasts spending for all anticipated capital projects and is considered to be the link between the County's Comprehensive Plan and its fiscal planning process. The plan is based on the "physical needs" of the County as identified in the Community Facilities Plan (a section of the Comprehensive plan) and as prioritized by the various review committees in accordance with the Board's guiding principles.

The second five-year period of the Capital Improvement Program (i.e. years six through ten) is called the **Capital Needs Assessment (CNA)** which helps identify County capital needs beyond the traditional five-year period. This assessment plan is scheduled to be updated every other year and helps form the basis of the five-year CIP as projects are brought forward. Projects included in the assessment period are not balanced to revenues, but are viewed as potential projects in a planning stage.

The process for preparing the Capital Improvement Program is outlined later in this chapter. This chapter is organized as follows: Project Requests, Recommended Capital Budget and CIP, process for preparing the Capital Improvement Program, and finally referenced attachments.

FY 2018

CAPITAL IMPROVEMENT PROGRAM AMENDMENT YEAR 2

Capital Improvement Plan (CIP) FY 18-22

This is the second year, or amendment year, of the two-year submittal and review process for the Capital Improvement Program (CIP), which means that a streamlined review was conducted for those urgent or emergency project needs and updated cost estimates were made for projects included in the Adopted FY 17 CIP, or FY 17-26, [as amended 7/6/16](#). Only those projects that are currently in the adopted CIP were reviewed for changes in timing or cost estimates. Any changes to the adopted CIP projects must be justified to be accepted. No new requests were accepted or reviewed by the Technical Review Committee (TRC) unless there was convincing documented justification. To be considered urgent or an emergency request, and the following criteria was met:

- Funding requested to begin in FY 18;
- A physical improvement, renovation, capital maintenance need or equipment purchase required to address an immediate and critical safety, structural or operational concern;
- A physical improvement, renovation, capital maintenance need or equipment purchase required to continue core operations.

FY 18 Capital Project Requests

In FY 18, there are a total of 43 project requests totaling \$175M over the five-year period which reflects a \$4.1M increase over the adopted plan and include: 15 requests are adopted projects with no changes; 18 requests are adopted projects with administratively required changes, such as adjustments to the Project Management Cost estimates or timing corrections; 4 adopted projected requested an eligible amendment; 3 requests are for new projects and 3 requests are for new funding of current-year projects.

This total does not include the administrative requests required to continue or fund projects and include the Borrowed Proceeds Transfer, Cost of Issuance, and Project Management Services. There were 5 project requests were resubmitted for consideration but did not meet the requirement for review in an amendment year per the TRC.

Summary of Changes for FY 18 Adopted as Compared to FY 17 Adopted CIP as amended 7/6/16

Functional Area Comparison Adopted to Adopted						
	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22
Administration						
17 ADP	\$0	\$0	\$0	\$0	\$0	\$0
18 ADP	\$151,580	\$0	\$0	\$0	\$0	\$151,580
FY17 ADP - FY18 ADP	\$151,580	\$0	\$0	\$0	\$0	\$151,580
Judicial						
17 ADP	\$32,865	\$26,918,847	\$3,387,402	\$81,201	\$13,329,410	\$43,749,725
18 ADP	\$28,055	\$62,538	\$27,063,259	\$3,201,734	\$13,313,307	\$43,668,893
FY17 ADP - FY18 ADP	-\$4,810	-\$26,856,309	\$23,675,857	\$3,120,533	-\$16,103	-\$80,832
Public Safety						
17 ADP	\$2,268,590	\$1,951,656	\$3,472,285	\$1,998,452	\$3,692,594	\$13,383,577
18 ADP	\$2,058,253	\$2,132,040	\$3,479,746	\$2,018,206	\$3,699,804	\$13,388,049
FY17 ADP - FY18 ADP	-\$210,337	\$180,384	\$7,461	\$19,754	\$7,210	\$4,472
Public Works						
17 ADP	\$2,351,505	\$4,370,110	\$1,473,392	\$2,385,965	\$1,476,858	\$12,057,830
18 ADP	\$2,447,348	\$4,397,665	\$1,466,860	\$2,385,965	\$1,476,858	\$12,174,696
FY17 ADP - FY18 ADP	\$95,843	\$27,555	-\$6,532	\$0	\$0	\$116,866
Community Development						
17 ADP	\$1,760,389	\$0	\$0	\$0	\$0	\$1,760,389
18 ADP	\$1,860,878	\$1,586,520	\$0	\$0	\$0	\$3,447,398
FY17 ADP - FY18 ADP	\$100,489	\$1,586,520	\$0	\$0	\$0	\$1,687,009
Health and Welfare						
17 ADP	\$0	\$0	\$0	\$0	\$0	\$0
18 ADP	\$140,000	\$640,000	\$640,000	\$500,000	\$500,000	\$2,420,000
FY17 ADP - FY18 ADP	\$140,000	\$640,000	\$640,000	\$500,000	\$500,000	\$2,420,000
Parks, Recreation, & Culture						
17 ADP	\$1,615,579	\$1,541,407	\$665,370	\$402,495	\$551,888	\$4,776,739
18 ADP	\$1,728,710	\$1,476,445	\$679,051	\$402,193	\$549,972	\$4,836,371
FY17 ADP - FY18 ADP	\$113,131	-\$64,962	\$13,681	-\$302	-\$1,916	\$59,632
Technology and GIS						
17 ADP	\$479,189	\$452,866	\$1,010,683	\$523,300	\$525,817	\$2,991,855
18 ADP	\$329,189	\$302,866	\$860,683	\$373,300	\$375,817	\$2,241,855
FY17 ADP - FY18 ADP	-\$150,000	-\$150,000	-\$150,000	-\$150,000	-\$150,000	-\$750,000
ACE						
17 ADP	\$0	\$0	\$0	\$0	\$0	\$0
18 ADP	\$250,000	\$0	\$0	\$0	\$0	\$250,000
FY17 ADP - FY18 ADP	\$250,000	\$0	\$0	\$0	\$0	\$250,000
Water Resources						
17 ADP	\$1,095,045	\$1,114,730	\$1,146,279	\$1,177,828	\$1,211,366	\$5,745,248
18 ADP	\$1,185,530	\$1,148,650	\$1,171,564	\$1,203,852	\$1,236,139	\$5,945,735
FY17 ADP - FY18 ADP	\$90,485	\$33,920	\$25,285	\$26,024	\$24,773	\$200,487
School Division						
17 ADP	\$30,293,110	\$24,283,487	\$10,033,614	\$11,047,740	\$11,016,059	\$86,674,009
18 ADP	\$30,091,799	\$24,388,119	\$11,012,662	\$10,165,087	\$11,010,934	\$86,668,601
FY17 ADP - FY18 ADP	-\$201,311	\$104,632	\$979,048	-\$882,653	-\$5,125	-\$5,408
Total						
17 ADP	\$39,896,273	\$60,633,102	\$21,189,025	\$17,616,981	\$31,803,992	\$171,139,372
18 ADP	\$40,271,342	\$36,134,843	\$46,373,825	\$20,250,337	\$32,162,831	\$175,193,178
FY17 ADP - FY18 ADP	\$375,069	-\$24,498,259	\$25,184,800	\$2,633,356	\$358,839	\$4,053,806

Continued: Summary of Changes for FY 18 Adopted as Compared to FY 17 Adopted CIP as amended 7/6/16

Projects by Functional Area	Description
Administration	
Time and Attendance System	Included in the Board's proposed budget, per staff's recommendation, provides additional funding primarily for the cost of equipment required to implement the new Time and Attendance System
Judicial	
Court Facilities Addition/Renovation	Timing/Project Management Fees Adjusted
Public Safety	
[Fire Rescue] Apparatus Replacement Program	Adjusted replacement schedule and updated costs
[Fire Rescue] Pantops Public Safety Station	Project Management Fees Adjusted
[Police] County 800Mhz Radio Replacements	Adjusted the replacement plan
Public Works	
City-County Owned Facilities Maintenance/Replacement	Scope: Central Library Elevator put on hold. Funds reallocated to Gordon Ave Library Children section renovation and Preston Morris Building Lower Level Upfit
COB McIntire Window Replacement	Project Management Fees Adjusted
County-Owned Facilities Maintenance/Replacement	Project Management Fees Adjusted
Community Development	
Sidewalk, Hydraulic & Barracks Rd	Project Management Fees Adjusted
Sidewalk, Ivy Road (US Route 250 West)	Project Management Fees Adjusted
Sidewalks, Rio Road - Avon St - US Route 250 West	Project Management Fees Adjusted
Transportation Revenue Sharing Program	Per the Board's Approved Two-Year Fiscal Plan to include funding to support the County's neighborhood revitalization strategic priority in FY 19
Health and Welfare	
Senior Center at Belvedere	Per Oversight Committee's Recommendation - Funding for the Senior Center at Belvedere project is anticipated to assist in the generation of the private funding that will be used to build the center.
Piedmont Virginia Community College (PVCC) Advanced Technology Center Sitework	Per Oversight Committee's Recommendation - The PVCC Advanced Technology Center project has been funded by the State for planning and design. The County's share of the associated site work is 42% or \$420,000 which would be provided for over a three-year period. This funding supports the final construction funding from the State. Expenditures for PVCC's site preparation are required to be made with non-State funding. Historically, the site work expenditures for buildings built at PVCC have been provided for by localities served by the PVCC in accordance with percentages of student enrollment.
Parks, Recreation, & Culture	
City-County Owned Parks Maintenance/Replacement	Project Management Fees Adjusted
County Owned Parks Maintenance/Replacement	Project Management Fees Adjusted
Crozet Park Maintenance/Replacement and Improvements	Administrative Adjustment decreasing \$80K; Project Management Fees Adjusted
Technology and GIS	
County Server Infrastructure Upgrade	Reduced to reflect transition from servers to cloud
ACE	
ACE Program	Included in Recommended Budget supported by Tourism Revenue

[Chart continued on next page]

Continued: Summary of Changes for FY 18 Adopted as Compared to FY 17 Adopted CIP as amended 7/6/16

Water Resources

Hollymead Dam Spillway Improvement

Project Management Fees adjusted

Water Resources TMDL

Project Management Fees adjusted

School Division

Learning Space Modernization

Project Management Fees adjusted

School Maintenance/Replacement Program

Project Management Fees

School Security Improvements Program

Project Management Fees

Scottsville Elementary School Sitework Improvements

Addresses safety concerns

Telecommunications Network Upgrade

Timing adjusted / No change in amount

Western Albemarle High School Environmental Studies

Project Management Fees adjusted

Academy Phase 2

Woodbrook Elementary School Addition-Modernization

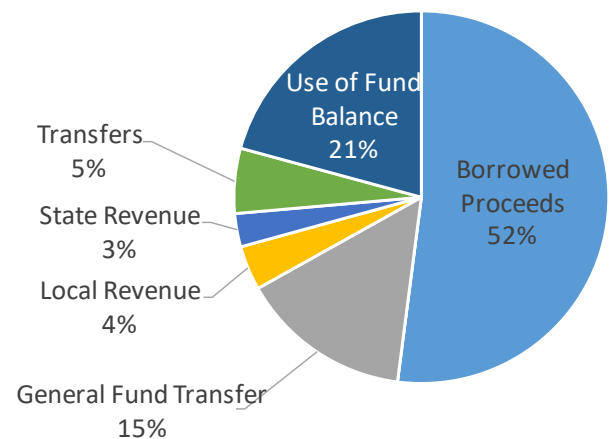
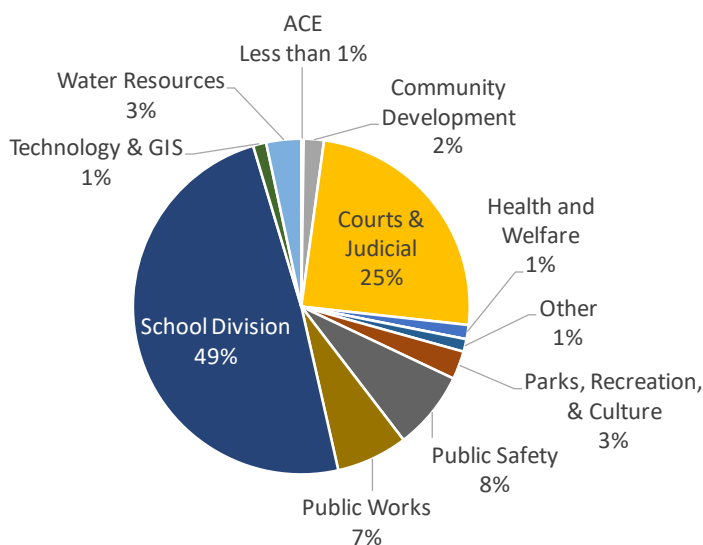
Project Management Fees adjusted

FY 18 Adopted Capital Budget and Adopted Capital Improvement Plan (CIP) FY 18-22

The FY 18 Recommended CIP funds 43 requests and 5 administrative related requests in whole or in part for a total of \$177.9M net of transfers. The revenues, expenditures, and debt are summarized below for both the FY 18 Recommended Capital Budget and the Recommended CIP FY 18-22. Typically, the capital budget is the first year of the CIP and both the capital budget and the CIP are adopted together.

CIP EXPENDITURES	FY 18 - 22
Administration	\$151,580
Judicial	\$43,668,893
Public Safety	\$13,423,049
Public Works	\$12,174,696
Community Development	\$3,447,398
Health and Welfare	\$2,420,000
Parks, Recreation, & Culture	\$4,836,371
Technology and GIS	\$2,241,855
ACE	\$250,000
Other	\$2,152,487
Water Resources	\$5,962,022
School Division	\$86,857,179
TOTAL CIP* EXPENDITURES	\$177,585,529

CIP REVENUES	FY 18-22
Borrowed Proceeds	\$92,411,926
General Fund Transfer	\$26,321,336
Local Revenue	\$6,832,527
State Revenue	\$5,130,000
Transfers	\$10,024,259
Use of Fund Balance	\$36,865,481
TOTAL CIP* REVENUES	\$177,585,529



*The total capital budget is net of transfers between the 3 funds that collectively are included in the CIP.

Adopted CIP Notable Changes from the Recommended Budget and CIP

FY 18 Adopted: The CIP budget has a net increase of \$0.2 million or 0.1% for the FY 18-22 CIP and reflects the following changes from the recommended budget:

- \$0.2 million increase for Time and Attendance provides to provide additional funding for the current FY 17 project primarily for the cost of equipment required to implement the new system;
- \$2.5 million increase in general fund transfer resulting from debt service issuance savings and equal reduction of fund balance which results in no increase to the budget or plan but is an increase in the available capital fund balance. The actual debt service issuance interest rates were lower than projected. During the Board's March work session, the Board supported staff's recommendation to hold these savings as a reserve and prioritize the use in preparation for rising construction costs.

Adopted CIP Revenues

The various revenues supporting the Adopted Budget for the FY 18-22 CIP totals \$177.6 million net of transfers between the CIP funds.

The majority of the revenues are dedicated towards a project or group of projects and one-time in nature. A small portion of the revenues, such as those from the General Fund transfer, are considered on-going and for general use. The following summarizes the different sources of revenues, uses, and percentage that make up the overall CIP:

- Revenue sources dedicated to specific uses that are not on-going in nature make up approximately 76.7% of the CIP revenues and include: borrowed proceeds, City contributions for joint projects, proffers, tourism, and donations.
- Revenue sources with no specific use that are on-going are approximately 14.7% of the CIP revenues and include the General Fund Transfer and interest income.
 - The General Fund Transfer is the primary on-going revenue source that can be used for any project. In FY 18, the General Fund Transfer is increasing as a result of the increase in available revenues as well as an additional \$0.7M each year to begin restoring equity in projects.
 - It is important to note that the Recommended CIP continues to reflect an increase in dedicated real estate tax rate revenues, 3.5 pennies on the real estate tax rate in total over the five-year period.
 - 1.3 in additional pennies on the real estate tax rate in FY 19 to meet debt service obligations, fund equity portions of capital projects, maintain a positive program reserve and support operating impacts associated with the School bond referendum.
 - 0.2 in additional portion of a penny on the tax rate in FY 19 as recommended by the Oversight Committee to fund the PVCC Advanced Technology Center Project Site Work project and the Senior Center at Belvedere project.
 - 2.0 in additional pennies on the real estate tax rate in FY 20 is dedicated to fund equity portions of capital projects and to maintain a positive CIP reserve.
- Revenue sources with no restrictions for specific uses that are not on-going in nature are approximately 4.8% of the CIP revenues and include: use of fund balance, General Fund Transfer, prior year General Fund fund balance, and volunteer fire company repayments.
 - Unrestricted CIP fund balance may be transferred between CIP funds to maintain positive balances;
 - One-time Transfer of General Fund revenues
 - General Fund fund balance from year end revenues is projected for FY 19 in anticipation of a half-year's revenue resulting from the additional pennies on the real estate tax rate included in the Recommended Budget and CIP.
- Revenue sources requiring specific uses that are on-going in nature are approximately 3.8% of the CIP revenues and include: state grants, the water resources transfer, state categorical aid for school buses, General Fund Transfer (portion) dedicated to leveraging the State's Transportation Revenue Sharing Program, and fees recovered for courthouse maintenance.

Adopted CIP Expenditures

The Adopted budgeted expenditures for the FY 18-22 CIP totals \$177.6 million net of transfers between the CIP funds. The adopted CIP includes:

- Funding for all mandates, obligations, and maintenance/replacement projects
- Funding for the following projects planned in the currently Adopted FY 17 CIP amended 7/6/16:
 - Court Facilities Addition/Renovation project as requested;
 - High School Planning Capacity

- Learning Space Modernization Project ('16 Referendum)
- Pilot Fundraising Parks Project
- School Security Improvements project ('16 Referendum)
- Telecommunications Network Upgrade project
- Transportation Revenue Sharing Program
- Woodbrook Elementary School Addition-Modernization Construction ('16 Referendum)
- Western Albemarle High School Environmental Studies Academy Phase 2 ('16 Referendum)
- Funding for the continuation of current projects primarily for project management (PM) services
- Funding for new projects or new funding to continue projects:
 - PVCC Advanced Technology Center Site work contribution
 - Scottsville Elementary School Site work Improvements
 - Senior Center at Belvedere
 - Transportation Revenue Sharing Program in FY 19
 - ACE Program
 - Time and Attendance System

Debt Service Associated with the Recommended CIP's Borrowed funds

To implement a realistic plan in the next five-year period, County staff provides the review committees with a forecast of revenues anticipated to be available and estimated debt service costs associated with the CIP projects over the next five years. Although revenue estimates may vary in either direction, the general revenue parameters and debt service requirements are used by the review teams to help prioritize and stage projects over the five-year planning and the ten-year assessment periods. Local revenues, bond proceeds and debt service costs are projected for the full five-year assessment period. Estimates beyond the five-year period are difficult to accurately project revenues and economic conditions over such a long period of time and make out-year revenue estimates highly variable and subject to revision.

Debt Service Associated with the CIP's Borrowed funds for Lease Revenue Bonds

Since the Board of Supervisors' approval of the FY 17 appropriation resolution for lease revenue bonds, the amount of planned borrowing for CIP projects has a net increase from \$1.0 million to \$1.5 million. This is primarily attributed to adjusting the planned issuances to an annual basis. Additionally, in the winter of FY 17, there was an issuance of \$24.3 million for the General Government and School Division. This issuance was reduced by \$0.4 million due to the County Server Infrastructure project being revised for the migration from servers to clouds.

The planned borrowing associated with the Recommended FY 18-22 CIP reflects the following for the issuance schedule, terms, and rates:

- Debt Service issuances are scheduled every year or on an as-needed basis;
- Debt Service payments include the costs of issuance which previously were funded with equity;
- Purchases are amortized on the basis of useful life greater than 7 years; 7 year terms are being phased out by year 4, or FY 21;
- Debt Service interest rate for the FY 17 lease revenue bond issuance is revised to the actual average interest rate of 2.94% for all years of amortization including 7, 10, and 20;
- Debt Service interest rates for the FY 17 and FY 18 lease revenue bond issuances are estimated at 4.50% for all years of amortization including 7, 10, and 20; and
- Debt Service interest rates for the FY 18 issuance and all future issuances is estimated at 4.50% for all years of amortization including 7, 10, and 20; and

Debt Service Associated with the CIP's Borrowed funds for General Obligation (GO) Bonds

On 7/6/16, the Board of Supervisors approved a \$35.0 million appropriation resolution for general obligation bonds. The amount of borrowing associated with the projects was estimated at \$32.8 million. On November 8, 2017 the bond referendum passed. In the FY 18 Recommended budget, the bonds were planned to be issued in the late winter of 2017, FY 17. The interest rates were estimated at 4.25% for all years of amortization including 10 and 20. The Adopted FY 18 Budget is revised to include the actual interest rate of 2.88%.

Debt and Multi-Year CIP Financial Summary & Guide

The table below summarizes the FY 18-22 Debt and Capital activity and reflects the projected CIP reserve (fund balance) at the end of the five-year period. A guide is provided for the table below.

Line	Financial Summary Net of Transfers (\$ in millions)	FY 17 Projected	FY 18 Adopted Debt and CIP					Total FY 18-22
			FY 18	FY 19	FY 20	FY 21	FY 22	
A	General Fund Transfers							
B	Estimated Additional Pennies Required							
C	CIP			0.20	2.00			
D	'16 Referendum for School Projects^			1.30				
E	Total General Fund Transfer (GFT)	\$22.3	\$24.3	\$27.4	\$31.8	\$32.4	\$33.2	\$149.2
F	^The operating impacts associated with the '16 Referendum school projects is already reduced from the transfer							
G	DEBT SERVICE OBLIGATION							
H	Existing Debt Service	21.7	20.1	19.8	19.3	18.4	18.0	95.6
I	Projected Debt Service-New	0.0	4.2	1.3	1.1	1.6	1.8	10.0
J	Projected Debt Service-On-going	0.0	0.0	4.2	5.5	6.6	8.2	24.5
K	Total Debt Service Obligation	21.7	24.3	25.3	25.8	26.7	28.0	130.1
L	Other Debt Service Revenues	1.0	1.3	1.4	1.4	1.5	1.6	7.3
M	GFT to Debt Service	\$20.7	\$23.0	\$23.9	\$24.4	\$25.1	\$26.4	\$122.9
N	Total Debt Service Revenues	21.7	24.3	25.3	25.8	26.7	28.0	130.1
O	CAPITAL PROGRAM REVIEW							
P	CIP Pay-Go (GFT)	\$1.6	\$1.3	\$3.5	\$7.3	\$7.3	\$6.8	\$26.3
Q	Other CIP Revenues	\$18.6	\$3.1	\$5.6	\$8.7	\$2.3	\$2.3	\$22.0
R	Borrowed Proceeds	\$59.3	\$13.0	\$11.5	\$32.0	\$12.4	\$23.4	\$92.4
S	Total CIP Revenues	\$79.5	\$17.4	\$20.6	\$48.1	\$22.1	\$32.5	\$140.7
T	Beginning CIP Fund Balance	\$36.8	\$41.2	\$18.1	\$2.3	\$3.4	\$4.7	
U	Total Available CIP Revenue	\$116.3	\$58.7	\$38.7	\$50.4	\$25.4	\$37.2	
V	Projects	\$75.1	\$40.6	\$36.4	\$47.0	\$20.7	\$32.9	\$177.6
	CIP Fund Balance* Estimate	\$41.2	\$18.1	\$2.3	\$3.4	\$4.7	\$4.4	
AJ	*Fund Balance Restrictions							
	FY 16: \$0.6 M is restricted for various uses, per contract, etc.							
	FY 17: \$1.5M is restricted for Transportation Revenue Sharing (TRSP) as funding is projected to be expended in FY 19.							
	FY 18: \$1.5M remains restricted for TRSP in FY 19 and \$0.1M in additional funding is restricted for use until revenues are received.							
	FY 19-22: \$0.1M remains restricted for use until revenues are received.							

GUIDE: The following guide provides information about the numbers included in the table above.

Line	Description
A	This section of the table identifies the General Fund revenues projected to be transferred from the General Fund to support the General Government and School Division's CIP and the associated debt service requirements for each given year of the Plan. The estimated revenue is provided based on a funding formula. This section of the model also identifies the years in which an additional increase on the real estate tax rate would be needed for the CIP and/or related Debt Service obligations based on currently projected revenues.
B	This sub-section of the table displays the estimated additional resources that would be required based on the additional penny or pennies on the real estate tax rate.
C	This row displays the estimated additional penny (or portions of a penny) increases on the real estate tax rate which would be required to be raised in a given fiscal year and dedicated to the CIP based on current revenue assumptions.

(GUIDE CONTINUED)

Line	Description
D	This row displays the estimated additional pennies on the real estate tax rate that would be required to be provided (based on current revenue assumptions) in FY 19 to fund the CIP projects and associated debt service identified in the 2016 Bond Referendum.
E	This row identifies the total General Fund transfer (GFT) amount that is estimated to be provided to the CIP and Debt per the County's funding formula and based on the current revenue projections for all five years of the CIP
F	This note references the School Division's projected facility-related operating impacts that are associated with the School projects identified in the Bond Referendum. These costs are estimated to begin to occur when the projects are completed. These increased costs are envisioned to be "taken off the top" of the formula transfer to CIP and Debt in future years.
G	This section of the table displays information about the County's Debt Service obligations. The first priority of this funding is to ensure the County's debt service obligations are met. Debt service obligations include principal, interest, and fees.
H	This row displays the "existing" annual debt service payments required to be paid by the County annually on behalf of both School Division projects and General Government projects in a given fiscal year. This amount represents the amount required to support bonds that have been issued prior to January 2017.
I	This row displays the projected amount of "new" annual debt service payments that will be required in any given fiscal year based on bonds that are <i>planned</i> to be issued. Currently, issuances are planned for the spring which results in debt payments begin in the following fiscal year.
J	This row displays the cumulative impact to those projected amounts of "new" annual debt service payments identified in previous years. For example, the amount in FY 19 is equal to the new debt service amount in FY 18 and it is included in each year that follows.
K	This row displays the total projected annual debt service obligations for each fiscal year. This includes the annual existing debt service and the projected new debt service obligation amounts for each fiscal year of the table.
L	This row displays the amount of "other" (non-General Fund) revenues that support the County's existing and planned debt service obligations for each fiscal year.
M	This row displays the amount of General Fund revenues that will support the County's existing and planned debt service obligations.
N	This row displays the total amount of revenues that will support the County's existing and planned debt service obligations.
O	This section of the table displays information about the CIP program itself.
P	This row displays the amount of the General Fund revenue projected to be available after debt service requirements are met and could be used for CIP pay-as-you-go ("pay-go") or equity for CIP projects.
Q	This row displays the amount of "other" revenues that are projected in each fiscal year to support the CIP as equity. These revenues primarily include General Fund Year End funds and one-time transfers, proffers, tourism, grants, funds provided by other jurisdictions or entities for joint projects, rents, interest, etc.
R	This row displays the amount of borrowed proceeds (bond funding) projected in a given year to support CIP projects. Currently, borrowed proceeds are planned for the same fiscal year as the related expenditures, however, the bonds may be issued in a different fiscal year.
S	This row displays the total amount of projected revenues (including equity and borrowed funding) available in a given year to support CIP projects over the time period.
T	This row displays the CIP fund balances estimated to be available at the beginning of any given year. Due to the fact that the CIP is a multi-year program, a significant amount of fund balance is available at the end of any given year and is often expended (through a carry-forward process) in the following year(s).
U	This row displays the estimated total available CIP revenue when estimated fund balance monies are included that would be available in any given year of the table.
V	This row displays the project expenditures estimated to occur in any given year of the table.
W	This row displays the CIP Fund Balance estimates available at the end of the year in the table.

Financial Policies for the CIP and Associated Debt Service

In developing its Capital Improvement Plan, the County adheres to a set of financial and debt management policies established by the Board of Supervisors and outlined in the Financial Management Policies section of this document. These policies help preserve the County's credit rating and establish the framework for the County's overall fiscal planning and management. Projects are carefully evaluated and prioritized to optimize the use of limited capital funds to meet operational and community needs.

CIP and Associated Debt Service Funding Capability

Beginning in FY 09/10, the General Fund transfer to capital and debt was determined by applying the percentage change in local tax revenues net of revenue sharing (and revenue shortfall contingency if applicable) to the established base. In FY 11, to address the challenging financial circumstances facing the County, the Board approved the reduction of the equivalent of three cents of the real estate tax rate from the transfer calculation, of which the equivalent of two cents came from transportation, urban infrastructure, and the local portion of the Acquisition of Conservation Easement program. Beginning in FY 13, the adopted general fund transfer to capital and debt include a half-cent dedication of the equalized tax rate. In FY 15, the standard General Fund transfer formula included the rental revenue received for the Northside Library/Storage facility.

The FY 16 CIP reflected a reduction in the General Fund transfer to shore up priority operations of General Government and School Division. The County Executive's Recommended CIP also reflected a revised General Fund transfer to support the costs related to the on-going Fire Rescue Services Fund. The dedicated revenue to the Fire Rescue Services Fund began in FY 16 and was equivalent to the fire rescue capital projects at that time and the related debt service costs. The Adopted FY 16 CIP reflects an increase in the General Fund transfer associated with a portion of a dedicated penny on the real estate tax rate to the CIP in addition to dedicated revenue on the tax rate for Fire Rescue Services at an on-going fixed amount.

The FY 17 Adopted CIP began with FY 16 as the base and includes the addition of (a) \$250,000 per year from Motor Vehicle Licensing fees dedicated to leveraging the State's Transportation Revenue Sharing Program and (b) increase by dedicated tax revenue equivalent to the nearly the value of a penny on the real estate tax rate.

Funding Capital Projects with Current Revenues

The financial policies state that "... the County ... will ... increase incrementally the percentage of its capital improvement financed by current revenues. The County's goal will be to dedicate a minimum of 3% of the annual General Fund revenues allocated to the County's operating budget to the Capital Improvement Program."

As shown below, for the first year of the CIP or FY 18, the County is unable to meet its goal amount, transferring approximately 0.5% or \$1.3 million, of the General Fund revenues to the Capital Program for "pay-as-you go" projects. The revenue includes all General Fund Revenues sent to capital: General Fund Allocation, the dedicated Water Resources Fund revenue, and dedicated Fire Rescue Fund revenue. This percentage is anticipated to increase in the subsequent years of the FY 18-22 CIP.

(\$ in millions)	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18
Net General Fund Transfer to CIP	\$0.8	\$0.3	\$3.0	\$2.6	\$1.7	\$1.6	\$1.6	\$1.3
General Fund	\$213.3	\$215.6	\$221.8	\$228.5	\$239.3	\$249.2	\$253.0	\$274.2
Percentage	0.4%	0.2%	1.4%	1.1%	0.7%	0.6%	0.6%	0.5%

Associated Debt and Debt Service Capacity

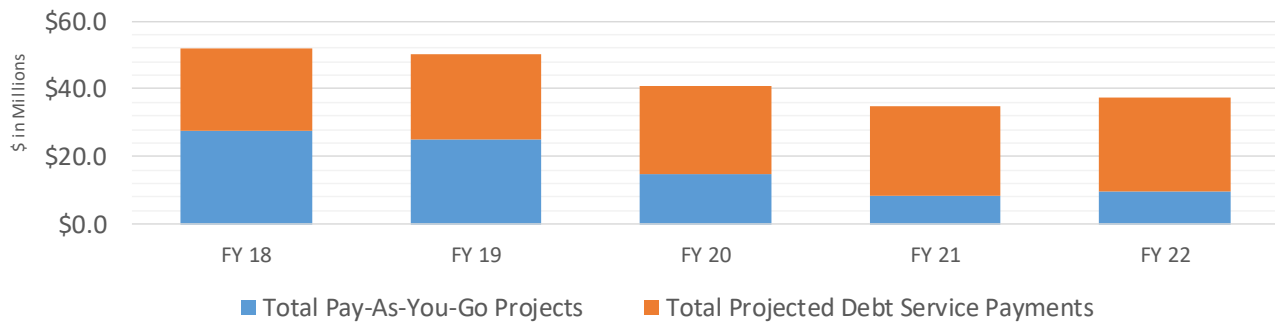
The County's Financial Policies recommend that long-term debt and associated debt service levels remain within certain target limits which are as follows: 2% of the assessed value of taxable property and 10% of General Fund and School Fund revenues.

Although the associated debt service associated with the Adopted CIP is estimated to add \$92.6 million dollars in debt with estimated debt service cost of \$13.8 million over the FY 18 - 22 period, the additional debt to be incurred is still below the County's debt guideline targets. For additional information on debt capacity, see the Debt Management chapter.

Revenue Summary of Funding CIP and Associated Debt Service

The FY 18-22 CIP revenues primarily consist of borrowed funds for most school and general government projects. Some of the projects are funded with equity. FY 18-22 borrowed funds total \$92.4 million (52.0% of CIP revenues) and consists of \$79.4 million in debt obligations for School Division capital projects and \$50.7 million in debt obligations for general government capital projects, including the Fire Rescue Services projects and Water Resources projects. A total of 34.3% of the CIP and Debt is funded with equity funding.

The following tables provides a summary of the FY 18-22 Recommended CIP and Debt.



(Rounded to nearest zero and net of transfers between CIP funds)

TOTAL RECOMMENDED CIP SUMMARY	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22 Total
CIP & DEBT REVENUES						
Beginning Fund Balance	\$ 41,233,200	\$ 17,697,076	\$ 1,440,543	\$ 2,024,984	\$ 2,846,952	\$ 65,242,755
General Fund Transfer	24,346,207	27,398,395	31,755,613	32,448,222	33,226,252	149,174,689
Local Revenue	430,510	202,254	6,412,000	12,000	12,000	7,068,764
State Revenue	1,221,852	1,245,414	1,286,239	1,287,964	1,283,739	6,325,208
Federal Revenue	78,880	78,880	78,880	78,880	78,880	394,400
Transfers	2,632,870	5,496,299	2,381,524	2,496,489	2,606,804	15,613,986
TOTAL CIP & DEBT REVENUES	\$ 69,943,519	\$ 52,118,318	\$ 43,354,799	\$ 38,348,539	\$ 40,054,627	\$ 243,819,802
ALLOCATION OF REVENUES:						
Pay-As-You-Go Projects						
General Government CIP Pay-As-You-Go	4,609,725	7,117,578	11,393,790	5,214,683	6,388,104	34,723,880
Regional Firearms Training Center CIP Pay-As-You-Go	-	-	-	-	-	-
School Division CIP Pay-As-You-Go	22,565,109	17,479,820	3,323,812	2,858,245	2,865,724	49,092,710
Water Resources CIP Pay-As-You-Go	237,106	230,169	234,313	248,474	255,371	1,205,433
Total Pay-As-You-Go Projects	\$ 27,411,940	\$ 24,827,567	\$ 14,951,915	\$ 8,321,402	\$ 9,509,199	\$ 85,022,023
Projected Debt Service Payments						
General Government Debt Service Payments	8,305,140	9,935,330	10,355,766	10,862,923	11,838,188	51,297,347
School Division Debt Service Payments	16,529,363	15,914,878	16,022,134	16,317,262	16,700,617	81,484,254
Total Projected Debt Service Payments	\$ 24,834,503	\$ 25,850,208	\$ 26,377,900	\$ 27,180,185	\$ 28,538,805	\$ 132,781,601
Total Allocation of Revenues:	\$ 52,246,443	\$ 50,677,775	\$ 41,329,815	\$ 35,501,587	\$ 38,048,004	\$ 217,803,624
Cumulative Capital Reserve	\$ 17,697,076	\$ 1,440,543	\$ 2,024,984	\$ 2,846,952	\$ 2,006,623	
Pay-As-You-Go as a % of Total Revenues	39%	48%	34%	22%	24%	

Capital Reserve

The capital fund balance reserve is used to maintain a reliable base of funding over the CIP five-year period or to help meet unanticipated capital needs in the outlying years of the CIP. This reserve may be used to offset unanticipated increases in construction costs for funded projects, to provide a source of funding for unanticipated emergency projects, to offset any downward fluctuations in the five-year revenue projections, and/or to provide a source of funding for additional infrastructure improvement which may be approved by the Board of Supervisors. The annual goal is to maintain a minimum reserve of \$2 million over the five-year capital improvement plan.

They FY 18-22 CIP utilizes the Capital Reserve for future capital obligations throughout the five-year program. The County begins the capital program with a reserve balance (also called CIP fund balance) of \$41.2 million dollars from prior year Capital Reserves. Based on current projected revenues and projects, the CIP reserve at the end of the five-year period is greater than the reserve goal of \$2.0 million. During the Board's March work session, the Board supported staff's recommendation to hold these savings as a reserve and prioritize the use in preparation for rising construction costs. The additional fund balance is a result of the actual debt service issuance interest rates being lower than projected.

Proffers

In accordance with Section 15.2-2303.2 (B) of the Code of Virginia, localities are required to include in their capital improvement programs a copy of the Survey of Cash Proffers Accepted by Local Governments during the most recent fiscal year. Additionally, this Section requires that localities include in its annual capital budget the amount of cash proffers projected to be expended for capital improvement within the next year.

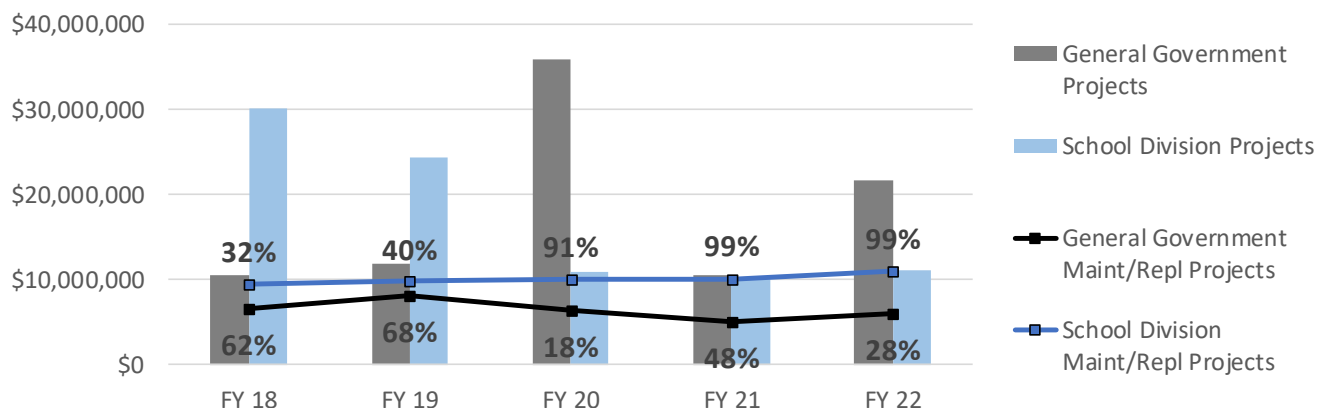
At the conclusion of this chapter is the Commission on Local Government 2016 Survey of Cash Proffers Accepted by Local Governments as well as a spreadsheet containing a summary of cash and land dedication proffers, funds available as of December 31, 2016 and suggested appropriations.

Asset Maintenance and Replacement

The CIP also reflects the County's dedication to maintaining and enhancing its capital stock by providing funding for maintenance and repair projects in both General Government and School Division capital improvement programs.

General Government, including Fire Rescue Services, has targeted 35% of its five-year capital budget to be used to support replacement, repair, and maintenance projects. The School Division has targeted 58% of its capital budget to be allocated for maintenance and repair projects.

The graph and chart below summarizes each fiscal year's breakdown of Maintenance/Replacement as a Percentage (%) of Total Projects (\$).



	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22 Total
General Government Projects						
Total Projects Budget	\$ 10,520,400	\$ 11,981,402	\$ 35,978,350	\$ 10,484,887	\$ 21,763,311	\$ 90,728,350
Total Maintenance/Replacement Projects	\$ 6,535,639	\$ 8,122,845	\$ 6,376,899	\$ 5,070,223	\$ 5,993,010	\$ 32,098,616
Maintenance/Replacement Projects %	62%	68%	18%	48%	28%	35%
School Division Projects						
Total Projects Budget	\$ 30,091,799	\$ 24,393,200	\$ 11,012,662	\$ 10,254,295	\$ 11,105,223	\$ 86,857,179
Total Maintenance/Replacement Projects	\$ 9,545,040	\$ 9,792,313	\$ 10,042,875	\$ 10,157,438	\$ 11,010,934	\$ 50,548,600
Maintenance/Replacement Projects %	32%	40%	91%	99%	99%	58%

Coordinating Capital Budget with Operating Budget

In alignment with the County's approved Financial Policies and Practices, the Capital Improvement Program continues to be coordinated with the operating budget process. Additional operating budget impacts associated with CIP projects are estimated by the requesting department at the time the project is initially submitted for review. Impacts are broken down into personnel costs, facilities annual maintenance costs,

operating expenses, and capital expenses. These impacts are reviewed and updated by the requesting department on the same cycle as the CIP project and are used in the calculation of the Five-Year Financial Plan. In the year a project is scheduled to be completed or implemented, those necessary associated operating costs are in the department's operating budget and any additional personnel associated with the project are provided within the Summary of Position Changes located in the Operating Budget. Charts showing additional operating budget impacts for the CIP for FY 18-22 are shown later in this chapter.

FY 18-22 ADOPTED CIP FUNDING SUMMARY

(\$ Rounded to Nearest Dollar)

The Capital Program is organized as a set of funds, currently four funds, which support General Government projects, Regional Firearms Range Facility Project, School Division Projects, and Water Resources Projects. The chart immediately below summarizes the Adopted CIP. Each fund is summarized in the charts that follow.

TOTAL CIP - FUND SUMMARY*	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22 Total
CIP REVENUES						
Transfers						
General Fund Transfer	\$ 1,333,300	\$ 3,481,376	\$ 7,334,724	\$ 7,326,975	\$ 6,844,961	\$ 26,321,336
General Fund Transfer One-Time	1,200,141	-	-	-	-	1,200,141
Courthouse Maintenance Transfer	29,001	29,581	30,173	30,776	31,392	150,923
Dedicated Real Estate Tax Rev. Transfer-Water	237,106	228,294	234,313	248,474	255,371	1,203,558
Proffers Transfer	-	94,385	-	-	-	94,385
Tourism Transfer	250,000	-	-	-	-	250,000
Use of Prior Year General Fund fund balance	-	4,125,252	1,000,000	1,000,000	1,000,000	7,125,252
Local Revenue						
City Portion	155,347	-	6,400,000	-	-	6,555,347
Donations	-	75,000	-	-	-	75,000
Fire Company Repayment	12,180	-	-	-	-	12,180
Lewis and Clark Exploratory Repayment	130,000	-	-	-	-	130,000
Interest	12,000	12,000	12,000	12,000	12,000	60,000
State Revenue						
School Bus Categorical Aid	300,000	300,000	300,000	300,000	300,000	1,500,000
Technology Grant	726,000	726,000	726,000	726,000	726,000	3,630,000
Borrowed Proceeds	13,048,679	11,547,035	32,039,097	12,417,780	23,359,335	92,411,926
Use of Fund Balance**	23,178,445	15,755,679	(1,085,295)	(1,322,823)	339,475	36,865,481
TOTAL CIP REVENUES	\$ 40,612,199	\$ 36,374,602	\$ 46,991,012	\$ 20,739,182	\$ 32,868,534	\$ 177,585,529
CIP EXPENDITURES						
General Government CIP	\$ 9,334,870	\$ 10,832,313	\$ 34,806,786	\$ 9,273,331	\$ 20,519,029	\$ 84,766,329
Regional Firearms Training Center Project CIP	-	-	-	-	-	-
School Division CIP	30,091,799	24,393,200	11,012,662	10,254,295	11,105,223	86,857,179
Water Resources CIP	1,185,530	1,149,089	1,171,564	1,211,556	1,244,282	5,962,021
TOTAL CIP EXPENDITURES	\$ 40,612,199	\$ 36,374,602	\$ 46,991,012	\$ 20,739,182	\$ 32,868,534	\$ 177,585,529
CUMULATIVE NET OPERATING BUDGET IMPACT***						
General Government		\$ 427,334	\$ 503,017	\$ 678,742	\$ 820,238	
Fire Rescue		-	-	-	-	
School Division		213,194	220,421	297,248	306,767	
Water Resources		26,950	55,200	84,750	115,600	
TOTAL OPERATING BUDGET IMPACT		\$ 667,478	\$ 778,638	\$ 1,060,740	\$ 1,242,605	

*The total capital budget is net of transfers between the CIP funds.

**A negative Use of CIP Fund Balance indicates that revenues are more than expenditures; essentially no fund balance is used but instead funding is added back to the reserve balance.

*** FY 18 operating impacts are reflected in the respective functional area. The operating budget impacts included in the chart for FY 19-22 are new or are an increase over what is currently planned in FY 18 and included for planning purposes. FY 19-22 reflect the amount included in the project submittals.

FY 18-22 ADOPTED CIP

General Government CIP Fund

(\$ Rounded to Nearest Dollar)

CIP Fund Summary: General Government	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22 Total
CIP REVENUES						
Transfers						
General Fund Transfer	\$ 1,333,300	\$ 3,481,376	\$ 7,334,724	\$ 5,495,231	\$ 5,133,721	\$ 22,778,352
General Fund Transfer One-Time	1,200,141	-	-	-	-	1,200,141
Courthouse Maintenance Transfer	29,001	29,581	30,173	30,776	31,392	150,923
Tourism Transfer	250,000	-	-	-	-	250,000
Use of Prior Year General Fund fund balance	-	1,562,626	-	-	-	1,562,626
Local Revenue						
City Portion	155,347	-	6,400,000	-	-	6,555,347
Donations	-	75,000	-	-	-	75,000
Fire Company Repayment	12,180	-	-	-	-	12,180
Lewis and Clark Exploratory Repayment	130,000	-	-	-	-	130,000
Interest	10,000	10,000	10,000	10,000	10,000	50,000
Borrowed Proceeds-School Division Projects	7,526,690	6,913,380	7,688,850	7,396,050	8,239,499	37,764,469
Borrowed Proceeds-General Government Projects						
COB McIntire Window Replacement	153,925	1,869,457	36,366	-	-	2,059,748
County 800Mhz Radio Replacements	551,258	133,322	101,168	258,479	-	1,044,227
County Server Infrastructure Upgrade	269,746	211,249	146,793	76,376	-	704,164
County-Owned Facilities Maintenance/Replacement	377,772	551,302	128,483	491,664	138,193	1,687,414
County-Owned Parks Maintenance/Replacement	279,822	358,313	62,022	-	55,079	755,236
Court Facilities Addition/Renovation	26,091	62,038	20,497,952	2,977,613	12,381,376	35,945,070
Crozet Park Maintenance/Replacement and Improvements	215,453	115,892	-	-	-	331,345
Cost of Issuance	255,857	226,412	617,187	254,516	458,027	1,811,999
Fire Rescue Apparatus Replacement Program	798,250	186,750	1,569,600	-	1,098,250	3,652,850
Police Mobile Command Center	175,391	-	-	-	-	175,391
Telephony Solution Replacement	-	-	253,425	-	-	253,425
Transportation Revenue Sharing Program	1,470,000	-	-	-	-	1,470,000
Borrowed Proceeds-Water Resources Projects	948,424	918,920	937,251	963,082	988,911	4,756,588
Use of Fund Balance**	1,641,336	1,958,995	(2,381,107)	(321,324)	1,212,991	2,110,891
TOTAL CIP REVENUES	\$ 17,809,984	\$ 18,664,613	\$ 43,432,887	\$ 17,632,463	\$ 29,747,439	\$ 127,287,386
CIP EXPENDITURES						
Administration	\$ 151,580	\$ -	\$ -	\$ -	\$ -	\$ 151,580
Courts & Judicial	28,055	62,538	27,063,259	3,201,734	13,313,307	43,668,893
Public Safety	2,093,253	2,132,040	3,479,746	2,018,206	3,699,804	13,423,049
Public Works	2,447,348	4,397,665	1,466,860	2,385,965	1,476,858	12,174,696
Community Development	1,860,878	1,586,520	-	-	-	3,447,398
Health & Welfare	140,000	640,000	640,000	500,000	500,000	2,420,000
Parks, Recreation, & Culture	1,728,710	1,476,445	679,051	402,193	549,972	4,836,371
Technology & GIS	329,189	302,866	860,683	373,300	375,817	2,241,855
ACE	250,000	-	-	-	-	250,000
Other	8,780,971	8,066,539	9,243,288	8,751,065	9,831,681	44,673,544
TOTAL CIP EXPENDITURES	\$ 17,809,984	\$ 18,664,613	\$ 43,432,887	\$ 17,632,463	\$ 29,747,439	\$ 127,287,386
CUMULATIVE NET OPERATING BUDGET IMPACT***						
Administration	\$ 76,011	\$ 79,051	\$ 82,213	\$ 85,502		
Courts & Judicial	-	-	147,447	259,239		
Public Safety	314,689	337,631	361,173	385,987		
Public Works	33,691	83,335	84,853	86,397		
Parks, Recreation, & Culture	2,943	3,000	3,056	3,113		
TOTAL OPERATING BUDGET IMPACT	\$ 427,334	\$ 503,017	\$ 678,742	\$ 820,238		

**A negative Use of CIP Fund Balance indicates that revenues are more than expenditures; essentially no fund balance is used but instead funding is added back to the reserve balance.

*** FY 18 operating impacts are reflected in the respective functional area. The operating budget impacts included in the chart for FY 19-22 are new or are an increase over what is currently planned in FY 18 and included for planning purposes. FY 19-22 reflect the amount included in the project submittals.

Fire Rescue Portion of General Government CIP Fund

(\$ Rounded to Nearest Dollar)

The chart below displays the Fire Rescue's portion of General Government CIP.. The General Government CIP summary on the previous page includes Fire Rescue.

Fire Rescue Portion of General Government CIP	FY 18	FY 19	FY 20	FY 21	FY 22	FY17-21 Total
CIP REVENUES						
Borrowed Proceeds-General Government Projects						
Fire Rescue Apparatus Replacement Program	798,250	186,750	1,569,600	-	1,098,250	3,652,850
Use of Undesignated Equity Sources	368,030	1,583,010	1,381,301	222,480	933,320	4,488,141
TOTAL CIP REVENUES	\$ 1,166,280	\$ 1,769,760	\$ 2,950,901	\$ 222,480	\$ 2,031,570	\$ 8,140,991
CIP EXPENDITURES						
Public Safety-Fire Rescue	\$ 1,166,280	\$ 1,769,760	\$ 2,950,901	\$ 222,480	\$ 2,031,570	8,140,991
CUMULATIVE NET OPERATING BUDGET IMPACT***		\$ -	\$ -	\$ -	\$ -	-

*** FY 18 operating impacts are reflected in the respective functional area. The operating budget impacts included in the chart for FY 19-22 are new or are an increase over what is currently planned in FY 18 and included for planning purposes. FY 19-22 reflect the amount included in the project submittals.

FY 18-22 ADOPTED CIP

School CIP Fund

(\$ Rounded to Nearest Dollar)

CIP Fund Summary: School Division	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22 Total
CIP REVENUES						
Transfers						
General Fund Transfer	\$ -	\$ -	\$ -	\$ 1,706,530	\$ 1,586,027	\$ 3,292,557
Use of Prior Year General Fund fund balance	-	2,562,626	1,000,000	1,000,000	1,000,000	5,562,626
Local Revenue						
Interest	2,000	2,000	2,000	2,000	2,000	10,000
State Revenue						
School Bus Categorical Aid	300,000	300,000	300,000	300,000	300,000	1,500,000
Technology Grant	726,000	726,000	726,000	726,000	726,000	3,630,000
Borrowed Proceeds						
School Bus Replacement Program	900,000	900,000	900,000	900,000	900,000	4,500,000
School Maintenance/Replacement	6,431,250	6,013,380	6,226,350	6,496,050	7,339,499	32,506,529
Scottsville Elementary School Sitework Improvements	195,440	-	-	-	-	195,440
Telecommunications Network Upgrade	-	-	562,500	-	-	562,500
Use of Fund Balance**	21,537,109	13,794,809	1,295,812	(876,285)	(748,303)	35,003,142
TOTAL CIP REVENUES	\$ 30,091,799	\$ 24,298,815	\$ 11,012,662	\$ 10,254,295	\$ 11,105,223	\$ 86,762,794
CIP EXPENDITURES	\$ 30,091,799	\$ 24,393,200	\$ 11,012,662	\$ 10,254,295	\$ 11,105,223	\$ 86,857,179
CUMULATIVE NET OPERATING BUDGET IMPACT***		\$ 213,194	\$ 220,421	\$ 297,248	\$ 306,767	

**A negative Use of CIP Fund Balance indicates that revenues are more than expenditures; essentially no fund balance is used but instead funding is added back to the reserve balance.

*** FY 18 operating impacts are reflected in the respective functional area. The operating budget impacts included in the chart for FY 19-22 are new or are an increase over what is currently planned in FY 18 and included for planning purposes. FY 19-22 reflect the amount included in the project submittals.

FY 18-22 ADOPTED CIP
Water Resources CIP Fund
(\$ Rounded to Nearest Dollar)

CIP Fund Summary: Water Resources	FY 18	FY 19	FY 20	FY 21	FY 22	FY 18-22 Total
CIP REVENUES						
Transfers						
Dedicated Real Estate Tax Rev. Transfer-Water Resources	\$ 237,106	\$ 228,294	\$ 234,313	\$ 248,474	\$ 255,371	\$ 1,203,558
Borrowed Proceeds-General Government Projects						
Hollymead Dam Spillway Improvement	65,296	7,498	-	-	-	72,794
Water Resources TMDL Maintenance	883,128	911,422	937,251	963,082	988,911	4,683,794
Use of Fund Balance**	-	1,875	-	-	-	1,875
TOTAL CIP REVENUES	\$ 1,185,530	\$ 1,149,089	\$ 1,171,564	\$ 1,211,556	\$ 1,244,282	\$ 5,962,021
CIP EXPENDITURES						
	\$ 1,185,530	\$ 1,149,089	\$ 1,171,564	\$ 1,211,556	\$ 1,244,282	\$ 5,962,021
CUMULATIVE NET OPERATING BUDGET IMPACT***						
		\$ 26,950	\$ 55,200	\$ 84,750	\$ 115,600	

**A negative Use of CIP Fund Balance indicates that revenues are more than expenditures; essentially no fund balance is used but instead funding is added back to the reserve balance.

*** FY 18 operating impacts are reflected in the respective functional area. The operating budget impacts included in the chart for FY 19-22 are new or are an increase over what is currently planned in FY 18 and included for planning purposes. FY 19-22 reflect the amount included in the project submittals.

FY 18-22 ADOPTED MULTI-YEAR CIP

In addition to new CIP Projects for FY 18-22, there are prior year CIP Projects that are currently underway and will continue to be implemented until completion or have been completed after FY 17 began. As approved by the Board of Supervisors, the Multi-year CIP or the process of carrying-over CIP project balances from prior years was implemented in FY 14 and is continued in FY 18. Budgets appropriated to date are recorded for currently funded projects that have a defined start and stop (i.e. a construction project or specific technology replacement). Projects that are on-going (i.e. maintenance/replacement projects) are noted as "on-going." A more detailed summary of the project status, including budgets and schedules, will be provided to the Board of Supervisors for final approval.

FY 18-22 ADOPTED Multi-Year CIP Expenditures Summary

(\$ Rounded to Nearest Dollar)

Project Expenditure Summary by Functional Area	Multi-Year Project Appropriation [^]	FY 18	FY 19	FY 20	FY 21	FY 22	Total FY 18-22
01-Administration							
Computer Assisted Mass Appraisal	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0
Tax/Rev System Replacement	\$975,386	\$0	\$0	\$0	\$0	\$0	\$0
Time and Attendance System	\$621,000	\$151,580	\$0	\$0	\$0	\$0	\$0
Voting Machine Replacements	\$380,520	\$0	\$0	\$0	\$0	\$0	\$0
01-Administration Total		\$151,580	\$0	\$0	\$0	\$0	\$0
02-Judicial							
Commonwealth Attorney Case Management System Replacement	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
Court Facilities Addition/Renovation	\$3,615,760	\$28,055	\$62,538	\$27,063,259	\$3,201,734	\$13,313,307	\$43,668,893
02-Judicial Total		\$28,055	\$62,538	\$27,063,259	\$3,201,734	\$13,313,307	\$43,668,893
03-Public Safety							
ECC Emergency Telephone System	\$547,340	\$0	\$0	\$0	\$0	\$0	\$0
ECC Integrated Public Safety Technology Project	\$2,621,029	\$0	\$0	\$0	\$0	\$0	\$0
ECC Regional 800Mhz Communication System	\$9,610,776	\$0	\$0	\$0	\$0	\$0	\$0
[Fire Rescue] Airpacks Replacement	\$2,797,780	\$0	\$0	\$0	\$0	\$0	\$0
[Fire Rescue] Apparatus Replacement Program	On-going	\$1,061,280	\$1,674,750	\$2,920,926	\$50,000	\$2,031,570	\$7,738,526
[Fire Rescue] Ivy Fire Station 15	\$3,008,915	\$0	\$0	\$0	\$0	\$0	\$0
[Fire Rescue] Mobile Data Computers Replacement	On-going	\$0	\$93,280	\$29,975	\$172,480	\$0	\$295,735
[Fire Rescue] Pantops Public Safety Station	\$3,794,454	\$70,000	\$1,730	\$0	\$0	\$0	\$71,730
[Fire Rescue] Rescue 8 Renovation	\$928,138	\$35,000	\$0	\$0	\$0	\$0	\$35,000
[Fire Rescue] Seminole Trail VFD Renovation/Addition	\$4,217,932	\$0	\$0	\$0	\$0	\$0	\$0
[Fire Rescue] Volunteer Facilities Assessments	\$81,000	\$0	\$0	\$0	\$0	\$0	\$0
[Police] County 800Mhz Radio Replacements	On-going	\$592,750	\$191,143	\$217,566	\$1,111,737	\$1,125,410	\$3,238,606
[Police] Mobile Command Center Replacement	\$0	\$188,593	\$0	\$0	\$0	\$0	\$188,593
[Police] Mobile Data Computers Replacement	On-going	\$37,068	\$37,068	\$133,206	\$548,234	\$433,735	\$1,189,311
[Police] Patrol Video Cameras Replacement	On-going	\$108,562	\$134,069	\$178,073	\$135,755	\$109,089	\$665,548
[Police] Tactical Truck Replacement	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0
[Police] Technology Upgrade	On-going	\$0	\$0	\$0	\$0	\$0	\$0
03-Public Safety Total		\$2,093,253	\$2,132,040	\$3,479,746	\$2,018,206	\$3,699,804	\$13,423,049
04-Public Works							
City-County Owned Facilities Maintenance/Replacement	On-going	\$349,050	\$0	\$0	\$0	\$0	\$349,050
COB McIntire Window Replacement	\$0	\$165,511	\$2,010,169	\$39,103	\$0	\$0	\$2,214,783
County E911 Road Sign Upgrade	\$543,165	\$0	\$0	\$0	\$0	\$0	\$0
County-Owned Facilities Maintenance/Replacement	On-going	\$1,250,346	\$1,705,055	\$745,316	\$1,703,524	\$794,417	\$6,198,658
Court Facilities Interim Modification	\$151,122	\$0	\$0	\$0	\$0	\$0	\$0
Economic Development Office Renovations	\$385,583	\$0	\$0	\$0	\$0	\$0	\$0
Ivy Fire Station 15 Maintenance Obligation	On-going	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Ivy Landfill Remediation	On-going	\$523,000	\$523,000	\$523,000	\$523,000	\$523,000	\$2,615,000
Ivy Materials Utilization Center New Facility	\$1,426,000	\$0	\$0	\$0	\$0	\$0	\$0
Keene Landfill	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0
Moore's Creek Septage Receiving	\$766,087	\$109,441	\$109,441	\$109,441	\$109,441	\$109,441	\$547,205
Roadway Landscaping	\$123,958	\$0	\$0	\$0	\$0	\$0	\$0
04-Public Works Total		\$2,447,348	\$4,397,665	\$1,466,860	\$2,385,965	\$1,476,858	\$12,174,696

[^]Budgets appropriated to date (as of 5/2017) are recorded for currently funded projects that have a defined start and stop. Projects that are on-going (i.e. maintenance/replacement projects) are noted as "on-going."

FY 18-22 ADOPTED Multi-Year CIP Expenditures Summary Continued

(\$ Rounded to Nearest Dollar)

Project Expenditure Summary by Functional Area	Multi-Year Project Appropriation^	FY 18	FY 19	FY 20	FY 21	FY 22	Total FY 18-22
05-Community Development							
County View Project	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0
Crozet Streetscape Phase II	\$4,550,133	\$0	\$0	\$0	\$0	\$0	\$0
Pantops Master Plan	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0
Places 29 Small Area Study	\$113,186	\$0	\$0	\$0	\$0	\$0	\$0
Records Management System	\$359,000	\$0	\$0	\$0	\$0	\$0	\$0
Rivanna Master Plan	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
Sidewalk Program Contingency	On-going	\$0	\$0	\$0	\$0	\$0	\$0
Sidewalk, Crozet Ave N & South Pantops Dr/State Farm Blvd	\$2,312,137	\$0	\$0	\$0	\$0	\$0	\$0
Sidewalk, Fontaine Avenue	\$108,348	\$0	\$0	\$0	\$0	\$0	\$0
Sidewalk, Hollymead-Powell Creek Drive	\$214,125	\$0	\$0	\$0	\$0	\$0	\$0
Sidewalk, Hydraulic & Barracks Rd	\$2,325,743	\$70,000	\$0	\$0	\$0	\$0	\$70,000
Sidewalk, Ivy Road (US Route 250 West)	\$1,243,871	\$34,478	\$36,050	\$0	\$0	\$0	\$70,528
Sidewalk, Old Lynchburg Road	\$268,601	\$0	\$0	\$0	\$0	\$0	\$0
Sidewalks, Rio Road - Avon St - US Route 250 West	\$3,866,009	\$36,400	\$50,470	\$0	\$0	\$0	\$86,870
Street Improvement - Local	\$22,611	\$0	\$0	\$0	\$0	\$0	\$0
Transportation Revenue Sharing Program	\$1,720,020	\$1,720,000	\$1,500,000	\$0	\$0	\$0	\$3,220,000
05-Community Development Total		\$1,860,878	\$1,586,520	\$0	\$0	\$0	\$3,447,398
06-Health and Welfare							
Senior Center at Belvedere	\$0	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000
PVCC Advanced Technology Center Sitework	\$0	\$140,000	\$140,000	\$140,000	\$0	\$0	\$420,000
06-Health and Welfare Total		\$140,000	\$640,000	\$640,000	\$500,000	\$500,000	\$2,420,000
07-Parks, Recreation, & Culture							
Burley-Lane Field Poles Lighting Replacement	\$521,180	\$0	\$0	\$0	\$0	\$0	\$0
City-County Owned Parks Maintenance/Replacement	On-going	\$159,190	\$0	\$0	\$0	\$0	\$159,190
Cory Farm Greenway Connector	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
County Owned Parks Maintenance/Replacement	On-going	\$1,340,250	\$1,261,141	\$528,933	\$351,278	\$457,566	\$3,939,168
Crozet Park Maintenance/Replacement and Improvements	On-going	\$229,270	\$140,304	\$150,118	\$50,915	\$92,406	\$663,013
Greenway Program	On-going	\$0	\$0	\$0	\$0	\$0	\$0
Parks Greenways/Blueways	\$636,052	\$0	\$0	\$0	\$0	\$0	\$0
Parks Restroom Renovation/Modernization	\$697,449	\$0	\$0	\$0	\$0	\$0	\$0
Pilot Fundraising Parks Project	\$20,000	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Preddy Creek Park Phase II	\$182,705	\$0	\$0	\$0	\$0	\$0	\$0
07-Parks, Recreation, & Culture Total		\$1,728,710	\$1,476,445	\$679,051	\$402,193	\$549,972	\$4,836,371
08-Libraries							
Rio Property-Northside Library & Storage	\$11,892,262	\$0	\$0	\$0	\$0	\$0	\$0
08-Libraries Total		\$0	\$0	\$0	\$0	\$0	\$0
09-Technology and GIS							
County Server Infrastructure Upgrade	On-going	\$290,049	\$302,866	\$315,683	\$328,500	\$341,317	\$1,578,415
GIS Project	\$554,495	\$39,140	\$0	\$0	\$44,800	\$34,500	\$118,440
Increased Redundant Internet Services	\$28,000	\$0	\$0	\$0	\$0	\$0	\$0
Microsoft Upgrade	\$284,006	\$0	\$0	\$0	\$0	\$0	\$0
Telephony Solution Replacement	\$500,000	\$0	\$0	\$545,000	\$0	\$0	\$545,000
09-Technology and GIS Total		\$329,189	\$302,866	\$860,683	\$373,300	\$375,817	\$2,241,855
10-ACE							
ACE Program	On-going	\$250,000	\$0	\$0	\$0	\$0	\$250,000
10-ACE Total		\$250,000	\$0	\$0	\$0	\$0	\$250,000
11-Other							
Borrowed Proceeds Transfer^^	On-going	\$8,475,114	\$7,832,300	\$8,626,101	\$8,359,132	\$9,228,410	\$42,521,056
Cost of Issuance	On-going	\$255,857	\$226,412	\$617,187	\$254,516	\$458,027	\$1,811,999
Project Management Services-General Govt	On-going	\$50,000	\$7,827	\$0	\$137,417	\$145,244	\$340,488
11-Other Total		\$8,780,971	\$8,066,539	\$9,243,288	\$8,751,065	\$9,831,681	\$44,673,543
01-11 General Government CIP		\$17,809,984	\$18,664,613	\$43,432,887	\$17,632,463	\$29,747,439	\$127,135,805
12-Regional Public Safety Firearms Training Center							
Regional Firearms Training Center	\$6,000,000	\$0	\$0	\$0	\$0	\$0	\$0
12-Regional Public Safety Firearms Training Center Total		\$0	\$0	\$0	\$0	\$0	\$0

^Budgets appropriated to date (as of 5/2017) are recorded for currently funded projects that have a defined start and stop. Projects that are on-going (i.e. maintenance/replacement projects) are noted as "on-going."

^^Borrowed Proceeds Transfer is a transfer between CIP funds whereby the General Government CIP fund transfers borrowed proceeds to the School CIP fund and to the Water Resources CIP Fund

FY 18-22 ADOPTED Multi-Year CIP Expenditures Summary Continued

(\$ Rounded to Nearest Dollar)

Project Expenditure Summary by Functional Area	Multi-Year Project Appropriation^	FY 18	FY 19	FY 20	FY 21	FY 22	Total FY 18-22
13-Water Resources							
Carrsbrook Sinkhole Repair	\$179,683	\$0	\$0	\$0	\$0	\$0	\$0
Dam Break Study 2015	\$103,830	\$0	\$0	\$0	\$0	\$0	\$0
General Government CIP Transfer	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hollymead Dam Spillway Improvement	\$2,797,772	\$81,620	\$9,373	\$0	\$0	\$0	\$90,993
Large-Scale BMP Retrofits on Private Lands	\$318,000	\$0	\$0	\$0	\$0	\$0	\$0
Project Management Services-Water resources	On-going	\$0	\$439	\$0	\$7,704	\$8,143	\$16,287
Stormwater Management Program	On-going	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Multi-Facility Maintenance/Enhancement	\$383,693	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater TMDL Study	\$162,149	\$0	\$0	\$0	\$0	\$0	\$0
Stormwater Utility Formation	\$98,448	\$0	\$0	\$0	\$0	\$0	\$0
Water Resources TMDL	\$380,922	\$1,103,910	\$1,139,277	\$1,171,564	\$1,203,852	\$1,236,139	\$5,854,742
13-Water Resources Total		\$1,185,530	\$1,149,089	\$1,171,564	\$1,211,556	\$1,244,282	\$5,962,022
14-School Division							
Administrative Technology	On-going	\$263,000	\$263,000	\$263,000	\$263,000	\$263,000	\$1,315,000
Agnor Hurt Elementary School Addition/Renovation	\$4,930,100	\$0	\$0	\$0	\$0	\$0	\$0
Bright Stars Trailer Relocation	\$39,388	\$0	\$0	\$0	\$0	\$0	\$0
CATEC Contingency	\$144,700	\$0	\$0	\$0	\$0	\$0	\$0
Henley Middle School Auxiliary Gym Addition	\$2,414,228	\$0	\$0	\$0	\$0	\$0	\$0
High School Capacity Planning	\$500,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
Instructional Technology	On-going	\$575,000	\$575,000	\$575,000	\$575,000	\$575,000	\$2,875,000
Learning Space Modernization	\$10,767,118	\$3,059,200	\$7,679,310	\$0	\$0	\$0	\$10,738,510
Project Management Services-schools	On-going	\$0	\$5,081	\$0	\$89,208	\$94,289	\$188,578
Red Hill Elementary School Modernization	\$1,196,872	\$0	\$0	\$0	\$0	\$0	\$0
School Bus Replacement Program	On-going	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$6,000,000
School Maintenance/Replacement Program	On-going	\$6,781,040	\$7,028,313	\$7,278,875	\$7,393,438	\$8,246,934	\$36,728,600
School Security Improvements Program	\$5,556,425	\$1,434,210	\$1,414,555	\$0	\$0	\$0	\$2,848,765
Scottsville Elementary School Sitework Improvements	\$200,000	\$210,150	\$0	\$0	\$0	\$0	\$210,150
State Technology Grant	On-going	\$726,000	\$726,000	\$726,000	\$726,000	\$726,000	\$3,630,000
Telecommunications Network Upgrade	\$1,800,000	\$0	\$0	\$900,000	\$0	\$0	\$900,000
Western Albemarle High School Environmental Studies Academy	\$938,716	\$0	\$0	\$0	\$0	\$0	\$0
Western Albemarle High School Environmental Studies Academy Phase 2	\$5,830,000	\$451,750	\$5,447,866	\$69,787	\$7,649	\$0	\$5,977,052
Woodbrook Elementary School Addition-Modernization	\$17,412,661	\$14,991,449	\$54,075	\$0	\$0	\$0	\$15,045,524
14-School Division Total		\$30,091,799	\$24,393,200	\$11,012,662	\$10,254,295	\$11,105,223	\$86,857,179
CIP Grand Total		\$49,087,313	\$44,206,902	\$55,617,113	\$29,098,314	\$42,096,944	\$219,955,006
CIP Net of Transfers							
01-11 General Government CIP		\$9,334,870	\$10,832,313	\$34,806,786	\$9,273,331	\$20,519,029	\$84,766,329
13-Water Resources Total		\$1,185,530	\$1,149,089	\$1,171,564	\$1,211,556	\$1,244,282	\$5,962,022
14-School Division Total		\$30,091,799	\$24,393,200	\$11,012,662	\$10,254,295	\$11,105,223	\$86,857,179
CIP Net of Transfers		\$40,612,199	\$36,374,602	\$46,991,012	\$20,739,182	\$32,868,534	\$177,585,530

The transfers include: General Government CIP Transfer and Borrowed Proceeds Transfer.

^Budgets appropriated to date (as of 5/2017) are recorded for currently funded projects that have a defined start and stop. Projects that are on-going (i.e. maintenance/replacement projects) are noted as "on-going."

^^Borrowed Proceeds Transfer is a transfer between CIP funds whereby the General Government CIP fund transfers borrowed proceeds to the School CIP fund and to the Water Resources CIP Fund

FY 18-22 ADOPTED Multi-Year CIP Net Operating Impacts***

(\$ Rounded to Nearest Dollar)

This table is referenced in the Financial Policies section for Coordinating Capital Budget with Operating Budget

<i>Projects Listed by Fund and Functional Area</i>	FY18	FY19	FY20	FY21	FY22
01 Administration					
Time and Attendance System		\$76,011	\$79,051	\$82,213	\$85,502
01 Administration Total		\$76,011	\$79,051	\$82,213	\$85,502
02 Judicial					
Court Facilities Addition/Renovation		\$0	\$0	\$147,447	\$259,239
02 Judicial Total		\$0	\$0	\$147,447	\$259,239
03 Public Safety					
Fire Rescue Subtotal		\$0	\$0	\$0	\$0
ECC Integrated Public Safety Technology Project		\$259,000	\$273,000	\$287,000	\$301,637
ECC Regional 800Mhz Communication System		\$55,689	\$64,631	\$74,173	\$84,350
03 Public Safety Total		\$314,689	\$337,631	\$361,173	\$385,987
04 Public Works					
COB McIntire Window Replacement		-\$14,462	-\$14,896	-\$15,343	-\$15,803
Ivy Materials Utilization Center New Facility		\$48,153	\$98,231	\$100,196	\$102,200
04 Public Works Total		\$33,691	\$83,335	\$84,853	\$86,397
05 Community Development Total		\$0	\$0	\$0	\$0
06 Health & Welfare Total		\$0	\$0	\$0	\$0
07 Parks, Recreation, & Culture					
Crozet Park Maintenance/Replacement and Improvements		\$2,943	\$3,000	\$3,056	\$3,113
07 Parks, Recreation, & Culture Total		\$2,943	\$3,000	\$3,056	\$3,113
08 Libraries Total		\$0	\$0	\$0	\$0
09 Technology and GIS Total		\$0	\$0	\$0	\$0
10 ACE Total		\$0	\$0	\$0	\$0
11 Other Total		\$0	\$0	\$0	\$0
General Government Subtotal (less Fire Rescue)	\$0	\$351,323	\$423,966	\$596,529	\$734,736
01-11 General Government Total	\$0	\$427,334	\$503,017	\$678,742	\$820,238
12 Water Resources					
Water Resources TMDL		\$26,950	\$55,200	\$84,750	\$115,600
12 Water Resources Total	\$0	\$26,950	\$55,200	\$84,750	\$115,600
13 School Division					
Western Albemarle High School Environmental Studies Academy Phase 2		\$0	\$0	\$69,600	\$71,892
Woodbrook Elementary School Addition-Modernization		\$213,194	\$220,421	\$227,648	\$234,875
13 School Division Total		\$213,194	\$220,421	\$297,248	\$306,767
Total Net Operating Impacts		\$667,478	\$778,638	\$1,060,740	\$1,242,605

*** FY 18 operating impacts are reflected in the respective functional area. The operating budget impacts included in the chart for FY 19-22 are new or are an increase over what is currently planned in FY 18 and included for planning purposes. FY 19-22 reflect the amount included in the project submittals.

FY 18-22 ADOPTED Multi-Year CIP Project Summaries

Project summarized below are either currently funded, recommended for funding, or a combination of both. For the full description of currently funded and unfunded requests submitted in FY 18, please visit the [Office of Management and Budget's website](#).

Administration:

- **Computer Assisted Mass Appraisal (Current Project):** This project replaces the Computer Assisted Mass Appraisal (CAMA) system. The CAMA system is the automated system used by the Office of the Assessor to value residential and commercial/industrial properties, administer the Land Use Assessment Program and to value all new construction and parcels in the County. The CAMA system is also the means for keeping accurate property records on every parcel of real property in the County. The "Go Live" date of implementation of the County's Computer Assisted Mass Appraisal (CAMA) system was January 1, 2017. A major milestone was reached with the issuance of 2017 Reassessment Notices based on assessment and owner information from the Vision CAMA application. Remaining targets include the implementation of CAMA to Revenue/Tax application interface, County View Building Permits and E911 interfaces, and data extracts for GIS application.

There are no additional operating impacts over and above what is currently planned.

- **Tax/Revenue System Replacement (Current Project Completed in FY 17):** This project is a continuation of the currently funded Revenue and Taxation System Replacement to transition existing revenue and taxation functions from the County's main frame to a new system for Real Estate and Personal Property Taxes, Business Taxes & Licenses, Pet, and Payment Receipt Processing.

PCI Tax/Revenue applications have successfully processed 2015 and 2016 tax cycle billings. Delinquent Collections module successfully installed in December. Remaining targets include implementation of automated cashiering station, Business Tax Filing/Payments web portal and Miscellaneous Billings module (Animal Licenses and Parking Tickets processing).

This multi-year project was funded through FY 17, and is now effectively complete. There are no additional operating impacts over and above what was planned.

- **Time and Attendance System (Current Project/Additional Funding):** This project is to implement a Time and Attendance System to address identified opportunities for payroll-related cost savings and gains in operational efficiencies by enabling the automation of employee timekeeping, systematizing many manual and paper-based processes, and ensuring compliance with Federal, State, and Local regulations like FMLA and FLSA through efficient access to accurate data. The project is estimated to result in actual payroll costs savings through reductions in controllable overtime, as well as reductions in leave liability, risk reductions, and operational efficiencies.

Additional funding in FY 18, added by the Board to the Proposed budget per staff's recommendation, is primarily for the cost of equipment required to implement the new system;

The project is anticipated to be completed in 12 to 18 months.

The operating impacts reflected below are primarily for annual maintenance.

Time and Attendance System	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$76,011	\$79,051	\$82,213	\$85,502
FTE's Added		0.00	0.00	0.00	0.00

- **Voting Machine Replacement (Current Project Completed in FY 17):** This is a continuation of currently funded project for the replacement of voting machines including the machines, ballot marking booths, and steel cages for secure storage of the digital voting machines. The County is mandated by federal and state law to provide voting machines for use in all elections held in the county for local, state, and federal elections for political office, which meet designated standards: federal law - Help America Vote Act of 2002, and state law - the Virginia Elections Code; Va. Code § 24.2-101 et seq. It is anticipated that within the next two years, the County will be required either by federal mandate, state mandate, and/or general wearing-out of the existing voting machines, to replace its current fleet of touch-screen voting machines. Virginia Code § 24.2-626 prohibits localities from purchasing new touchscreen voting machines; accordingly, the County will be required to switch over from touchscreen voting machines to optical scan/digital scan voting machines - i.e. voting machines that scan a paper ballot that the voter has marked at a marking booth adjacent to the scanning machine.

There are no additional operating impacts over and above what is currently planned. The operating impacts reflected below are dependent upon the expected voter turnout of a particular election. The estimate is between 1000 to 7000 paper ballots, at a cost of around \$.25 per ballot. When the switch over to the optical/digital scan machines occurs, based on the current number of registered voters in the County (around 71,000), at least 45,000 ballots are expected to be ordered for each general election (fewer for primary and special elections), and close to 70,000 ballots for presidential elections.

- Estimate based on \$.25 per card stock paper ballot
- Estimate based on around 70,000 registered voters in County
- estimate for general election based on ordering 50,000 ballots
- estimate for primary for general election based on dual primary election and ordering 14,000 ballots
- estimate for presidential elections based on ordering 70,000 ballots
- estimate for primary for presidential election based on dual primary presidential election and ordering 35,000 ballots

This multi-year project was funded through FY 17, and is now effectively complete. There are no additional operating impacts over and above what was planned.

Courts & Judicial:

- **Commonwealth Attorney Case Management System Replacement (Current Project Completed in FY 17):** This project was a continuation of a project to purchase a new case management system in FY 16 to replace the current system, VCAIS. The current system is no longer supported and will eventually cease to exist. The replacement system is estimated to cost \$50,000 and have an expected useful life of at least 10 years. There is \$13,500 of seized asset forfeiture state revenue that has been awarded to support this replacement which results in a net cost of \$35,500. The replacement system has an estimated operating impact of \$5,500 for on-going technical support.

This multi-year project was funded through FY 17, and is now effectively complete. There are no additional operating impacts over and above what was planned.

- **Court Facilities Addition/Renovation (Current Project/Additional Funding):** The County has recognized the need to expand its courts since 1999. A number of studies and planning efforts were undertaken, some in collaboration with the City of Charlottesville. The County conducted a comprehensive needs assessment and developed renovation and/or new building options for the provision of County court facilities, to include the Circuit, General District, and Juvenile and Domestic Relations Courts. The studies include an assessment of the courts current conditions from a building maintenance, security, and operational perspective; information on population growth and caseload projections for the next 20 - 30+ years; courts facilities programming requirements for the planning horizon of 2030 and beyond; and the development of options including cost estimates.

Any option to address the long-term needs of the Albemarle County courts will involve a significant investment over the next five to seven years. Based on conceptual estimates of a number of options considered, a capital investment of approximately \$43-\$45+ Million will likely be necessary, which represents the largest capital investment the County is anticipating during this period.

The adopted CIP assumes the project maintains all Albemarle County Court components on or near the current courthouse complex, within the Court Square area of downtown Charlottesville.

The downtown option assumes the Juvenile & Domestic Relations (J&DR) court will remain in the recently renovated J&DR Courthouse, along with the Sheriff's Office administration. Court Services will remain in its current location adjacent to the J&DR courthouse. The components left for inclusion in this CIP recommendation include:

- Circuit Court at current historic courthouse (2 courtrooms/chambers and clerk's office, including land records/archives), renovation of ~ 36,000 SF;
- General District Court at new Levy Site (4 courtrooms/chambers and 2 clerk's office) ~ 51,000 SF new addition;
- Commonwealth's Attorney at renovated Levy Opera House ~ 8,850 SF;
- Sheriff (holding and court security only).

In CY 2016 the Board of Supervisors (BOS) has also authorized studies to explore moving all of the county courts to COB-McIntire, the General District Court to COB-McIntire and to a new facility in the County. In December 2016 the BOS directed staff to focus on the potential of a full relocation to the COB and/or County by working with a Real Estate Development Services Advisor (DSA). The DSA will be hired in

Calendar year 2017 and advise the county of potential options after which the BOS will direct staff on proceeding. The CIP will be updated once final BOS direction is finalized.

The operating impacts reflected below are primarily for annual maintenance only.

Court Facilities Addition/Renovation	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$0	\$0	\$147,447	\$259,239
FTE's Added		0.00	1.00	0.00	1.00

Public Safety

- **ECC Emergency Telephone System (Current Project):** In 2000 the Regional Emergency Communications Center procured a new emergency 911 telephone system for the city, county and university. The system is used to answer emergency 911 calls for service from the public. The new system became operational in February of 2016. The last piece of the overall project is the installation of the Text to 911 module which is scheduled to go live in spring of 2017. As a regional system, costs are shared proportionately with City of Charlottesville and University of VA.

There are no additional operating impacts over and above what is currently planned.

- **ECC Integrated Public Safety Technology Project (formerly ECC CAD) (Current Project):** This project was formerly known as the ECC CAD (computer-aided dispatch) System and the project has been expanded to include multiple systems. This Project is a joint-effort lead by the regional Emergency Communications Center (ECC) that will replace several outdated computer systems for all public safety agencies within the City, County and University. All of these computer systems are currently housed and managed by the ECC staff.

The CAD (Computer Aided Dispatch) and Fire/Police Mobile systems were brought online and became operational in June of 2016. ImageTrend, which is the Fire/EMS records management system was brought online and became operational in December of 2016. The LERMS (Law Records), Corrections (Jail Records) and MFR (Mobile Field Reporting), modules are expected to be brought online and become operational in April of 2017. The project is currently scheduled to be completed by August 1, 2017.

This is a regional project shared by the jurisdictions based on an agreed-upon cost percentage.

There will be a net operating impact beginning in FY 19 for the County as well as additional costs in the out-years.

ECC Integrated Public Safety Technology Project	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$259,000	\$273,000	\$287,000	\$301,637
FTE's Added		0.00	0.00	0.00	1.00

- **ECC Regional 800 MHz Communication System (Current Project):** This project is for the replacement of major technology components and infrastructural equipment of the existing 800 MHz radio system, to include: electronic components at all tower sites and the prime site at the ECC facility, new console equipment at the ECC and backup location. It also includes equipment such as new site generators, recording systems and UPS Systems. The new 800 MHz P-25 radio system will include a new tower at Bucks Elbow Mountain. The project will take 24 months to complete and should be operational at the end of 2018. We are currently in the procurement phase of the project and should have a vendor selected by the end of February 2017.

As a regional system, costs will be shared proportional to use. Partners include Albemarle County, City of Charlottesville, University of Virginia, Regional Jail, Regional Airport, Albemarle County Service Authority, and Rivanna Water & Sewer

There will be a net operational impact for maintenance expected to begin after FY 19.

ECC Regional 800Mhz Communication System	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$55,689	\$64,631	\$74,173	\$84,350
FTE's Added		0.00	0.00	0.00	1.00

- **Fire/Rescue Airpack Replacement Program (Current Project):** This currently funded project plans for the replacement of 240 Airpack/Self Contained Breathing Apparatus (SCBA) in FY 17 as they reach the end of their useful life (15 years) for County Career and Volunteer firefighters. This project is estimated to be completed in FY 18.

There are no additional operating impacts over and above what is currently planned.

- **Fire/Rescue Apparatus Replacement Program (Current Project/Additional Funding):** This project plans for the replacement of the Albemarle County Fire Rescue (ACFR) System's response apparatus as described by the adopted Fleet Plan for the fully funded and rotated replacement classifications. The fleet size totals 82 apparatus. The replacement criteria are detailed in the Fleet Plan Policy. The program includes a contingency to support the ACFR System's costs associated with the replacement of fleet that exceeds the estimates used for budget.

Funding for insurance, maintenance, fuel, and costs associated with unplanned, significant repairs that render the apparatus inoperable is funded in the operating budget. There are no additional operating impacts over and above what is currently planned.

- **Fire/Rescue Ivy Fire Station 15 (Current Project completed in FY 17)** This project included the construction of a 24/7 fire & rescue facility of roughly 5,800 square feet, within an existing warehouse (owned by the University of Virginia), consisting of 3 apparatus bays (2 engines, 1 ambulance) and support facilities for a crew of 6. The facility is operational. This project is funded in part by Stillfried Lane proffer.

This multi-year project was funded through FY 17, and is now effectively complete. There are no additional operating impacts over and above what is currently planned.

- **Fire/Rescue Mobile Data Computers Replacement (Current Project/Additional Funding):** This project is for the replacement of the Fire Rescue Department's Mobile Data Computers that currently are in EMS units and certain Fire Marshall vehicles.

The primary use of the mobile computers is for electronic incident reporting, patient records, mandatory state data reporting and EMS billing. This electronic media produces more accurate and efficient flow of information for EMS billing and by moving to electronic billing, our EMS cost recovery vendor fee was reduced, producing a savings to the County. Additionally, these computers help support Fire/Rescue's daily operations with street mapping, occupancy inspection records and incident pre-planning information.

There are no additional operating impacts over and above what is currently planned.

- **Fire/Rescue Pantops Public Safety Station (Current Project/Additional Funding):** This project request is for the construction of an approximately 9889 square foot Fire Rescue station and out building on land donated for its use at 656 Peter Jefferson Pkwy. In the Pantops area to serve the Pantops Mountain Urban Area (Neighborhood 3) and indirectly service the rest of the County. The facility will include 2 apparatus bays (1 Engine and 1 Ambulance) and support facilities for 6 personnel. The engine is not included for funding at this time and the ambulance will be transferred there from the existing Pantops lease at Martha Jefferson Hospital (MJH).

The schedule anticipates construction beginning in March 2017 and the station to be completed by spring of 2018.

There are no additional operating impacts over and above what is currently planned in the FY 18 budget.

- **Fire/Rescue Rescue 8 Renovation (Current Project/Additional Funding):** This project is to (a) renovate approximately 2,730 square feet of the existing rescue squad building on Berkmar Dr. to for the improvements outlined immediately below, (b) the addition of approximately 300 square feet to enlarge the bays for current apparatus and (c) replace the existing parking lot. This project will be completed in FY 18.

There are no additional operating impacts over and above what is currently planned.

- **Fire/Rescue Seminole Trail VFD Renovation/Addition (Current Project):** This project is for construction of a 7,500 sq. ft. addition to Seminole Trail Volunteer Fire Department (STVFD) and full renovation of the existing facilities (~7,500 sq. ft.). This includes a 2-bay addition, an expansion of living quarters and full renovation of the existing facility to bring it to code and improve the facilities to properly support the highest call volume station in the County. The project was substantially complete in October 2014. This project is funded in part by Stonefield proffer.

This multi-year project that is substantially complete and entering the one-year warranty period. There are no additional operating impacts over and above what is currently planned.

- **Fire/Rescue Volunteer Facilities Condition Assessments (Current Project Completed in FY 17):** This project is to conduct facilities condition assessments on 9 of the 10 volunteer fire stations and rescue squad facilities (the Seminole Trail Station was renovated this year). The assessments will assist the Volunteers' budget and plan for facility costs. The estimated average cost of each assessment is \$9,000 x 9 = \$81,000.

This project was funded though FY 17, and is now is effectively complete. There are no additional operating impacts over and above what is currently planned.

- **Police 800Mhz Radio Replacements (Current Project/Additional Funding):** This project plans for the replacement of 999 portable and mobile 800 MHz radio units and 16 base stations currently in use by the Police Department, Sheriff's Department and Fire/Rescue Department as well as volunteer fire and rescue companies. Replacement radios will be ordered at the beginning of each fiscal year in which funding is made available. Anticipated delivery is within 60 days after the order is placed and payment/implementation will be made upon receipt.

This is an annual-phased plan to replace the radio inventory over a 6 year period. Once all radios and base stations are replaced over the 6-year period, they will be replaced on a 7-year cycle, based on purchase dates.

There are no additional operating impacts over and above what is currently planned.

- **Police Mobile Command Center (Current Project):** This project is for the replacement of the police department's Public Safety Mobile Command Center (MCC), also known as the Community Response Vehicle, which is necessary for emergencies and planned public service events and communication coordination. The current MCC is a 2003 Mohawk 38' Fifth Wheel trailer with 10KW diesel generator, 3000W light tower and satellite phone and internet. Within the trailer are three functional areas: communications, conference and work stations. The new unit will have three computers and two multi-band radios to increase interoperability with surrounding agencies. The trailer and all necessary equipment will be ordered in July 2017 and fully operational by May 2018.

There are no additional operating impacts over and above what is currently planned.

- **Police Mobile Data Computers Replacement (Current Project/Additional Funding):** The Police Department Mobile Data Computer Program is for the replacement of 151 computers and 150 radio amplifiers, which provide sworn members of the department with ruggedized laptop computers and mobile data technology. The replacement schedule is based upon the following life expectancies: computers - five (5) years; amplifiers - three (3) years. Replacement computers will be ordered at the end of one fiscal year and the beginning of the next to ensure compatibility between all officers' computers and their desktop and vehicle docking stations. This greatly reduces the turnaround time of equipment repairs, electrical wiring issues related to installations, and interchangeability of all computers between primary and spare vehicles. Replacement radio amplifiers will be ordered at the beginning of each fiscal year in which funding is made available. Anticipated delivery is 60 days after the order is placed and payment/implementation will be made upon receipt.

There are no additional operating impacts over and above what is currently planned.

- **Police Patrol Video Cameras Replacement (Current Project/Additional Funding):** The Police Department Video Camera program plans for the replacement of 116 in-car video cameras over a five-year period. Replacement cameras will be ordered at the beginning of each fiscal year in which funding is made available. Anticipated delivery is 60 days after the order is placed and payment/implementation will be made upon receipt.

There are no additional operating impacts over and above what is currently planned.

- **Police Tactical Truck Replacement (Current Project):** This project is to replace the Tactical Truck. The new vehicle will be a Ford Diesel F450 4WD chassis with a custom built 16' box unit on the back. Included in the vehicle price is customization, bench seating with storage, air conditioning/heat, generator, and weapons vault. This project is estimated to be complete in FY 18.

There are no additional operating impacts over and above what is currently planned.

- **Police Technology Upgrade (Current Project):** This project primarily supports the Police Technology software (Mobile Data Computer Software) system implementation. It also supports emergency modem/docking station purchases and installations. This project is estimated to be complete in FY 20.

There are no additional operating impacts over and above what is currently planned.

Public Works

- City-County co-owned Property Maintenance/Replacement Program (Current Project/Additional Funding):** This supports an on-going capital maintenance program which includes interior and exterior maintenance and replacement projects of facilities co-owned by Albemarle County and the City of Charlottesville. This program includes facilities at Court Square (Jessup House, Wheeler Building, Preston Morris Building, Juvenile and Domestic Relations Court), Health Department, Central Library, and Gordon Avenue Library. These projects are intended to maintain, repair, replace or otherwise add value to capital assets. The City of Charlottesville oversees the maintenance projects for all of these facilities. The City is the fiscal agent for the facilities. The current Health Department maintenance projects are included in the CIP but are intended to be funded via the Joint Health Department fund. For facility projects to be funded via the CIP in which the City is the fiscal agent, the County's costs include the City's administrative services fee which varies from 2% to 5% based on the total project cost.

There are no additional operating impacts over and above what is currently planned.

- COB McIntire Window Replacement (Funding):** COB McIntire Window Replacement (Funding): This request calls for the complete replacement of the windows at the County Office Building McIntire. The existing windows were installed in 1979-1980 according to the September 18, 2001 "Albemarle County Office Building Window Assessment", updated September 15, 2006 and, most recently, September 2, 2015. To support this window assessment a thermal imaging assessment was conducted in January 2008. This assessment concluded that roughly 90% of the windows analyzed experienced heat loss. According to the 2006 study conducted by Heyward Boyd Architects there are 390 windows. The design, architectural appearance, and energy rating will be a factor in the cost per window. Due to the various sizes of the window openings, each window will need to be custom built. The current estimated annual energy loss due to excessive air infiltration is approximately \$24-36 (in 2015 dollars) per window per year. Due to the size of the project it is anticipated that it will take more than one fiscal year to complete the design and construction. The windows significantly affect the aesthetic of the County Office Building. Because the building lies within one of the City of Charlottesville Architectural Control Districts, any change to the building will require a Certificate of Appropriateness from the City's Board of Architectural Review. Of the six options presented in the September 2, 2015 update, Option 3 was recommended for implementation:

Option 3 \$1,914,730 Replace the existing windows with approximately same size new aluminum clad wood units in the existing openings. Remove existing EIFS surrounds and install new stucco and caulk.

There is an anticipated energy consumption reduction based on September 2, 2015 updated study.

COB McIntire Window Replacement	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		-\$14,462	-\$14,896	-\$15,343	-\$15,803
FTE's Added		0.00	0.00	0.00	1.00

- County E911 Road Sign Upgrade (Current Project):** New Federal requirements from the U.S. Department of Transportation, Federal Highway Administration mandates that each locality adhere to updated guidelines on the size and font of Street Name signs AND retro-reflectivity detailed in the Manual on Uniform Traffic Control Devices (MUTCD) §2A.08 (Maintaining Minimum Retroreflectivity) and §2D.43 (Street Name Signs). By January 2018, all Street Name signs must meet the retroreflectivity requirement. To meet this deadline we must replace Street Name signs at approximately 3706 sites throughout the County at an estimated total cost of \$543,165 (The initial estimate of \$554,165 was adjusted as a result of the signs that were replaced in FY2014). This project began in FY2016 and has a completion date of December 31, 2017.

There are no additional operating impacts over and above what is currently planned.

- County-owned Facilities Maintenance/Replacement (Current Project/Additional Funding):** This is an on-going program to finance defined CIP maintenance projects with the basic goals: extending the life of existing facilities and the mechanical systems therein; keep deferred maintenance to a minimum; provide a pleasant environment for county employees and those who conduct business with county departments. These projects are intended to maintain, replace, improve or otherwise add value to capital assets in accordance with acceptable management plans derived from nationally recognized processes. This program includes the two County office buildings, three County owned libraries, four fire rescue stations (with a fifth approved by the Board of Supervisors), court facilities, old jail, jailer's house, the Sheriff's office within the J&DR Court, the Old Crozet School, and the old Crozet train depot. In Fiscal Year 2018, FES-Public Works Division will be responsible for the maintenance of 449,291 square feet of buildings in this project with an

estimated replacement value of \$123,470,331. Identified frequency and costs of cyclical maintenance projects are from the 2015 RS Means® *Facility Maintenance and Repair Cost Data*, 22nd Edition. Mechanical and other building envelop projects are identified in the most recent Facility Assessment.

There are no additional operating impacts over and above what is currently planned.

- **Court Facilities Interim Modification (Current Project Completed in FY 17):** This project provided for a modest expansion of the Commonwealth's Attorney's Office within the footprint of the existing Courts Annex building, and limited reconfiguration of select, existing rooms within the footprint of the current office space. Space modifications were essential to maintain necessary staff support to the County's judicial system by positioning key staff at strategic locations to better secure the offices as well as providing suitable office space for administrative staff and ensuring efficient placement of key courts files.

This project was funded though FY 17, and is now is effectively complete. There are no additional operating impacts over and above what is currently planned.

- **Economic Development Office Renovations (Current Project):** This project is to provide space for the newly created Economic Development Office. The proposed work will include the design and reconfiguration of existing spaces at COB-McIntire to accommodate the needs of the newly created office. The project will be accomplished in two phases. Phase 1 will include renovations and furnishings for the new Economic Development Office and for displaced Human Resource Department staff. Phase 2 will include renovations for the Finance Department and Board of Elections Office that are impacted by the Phase 1 renovations. This project is substantially complete.

This project is substantially complete and entering the one-year warranty period of close-out. There are no additional operating impacts over and above what is currently planned.

- **Ivy Fire Station 15 Maintenance Obligation (Current Project/Additional Funding):** This project pays for the County's share (21.5%) of annual repairs and maintenance of the exterior of the building, as well as utility connections to the building and other common/shared features as required by the terms of the Deed of Sublease dated August 27, 2012. According to the terms of the lease, the County must fund a maintenance account with a balance of \$50,000.00. This project does not include maintenance specific to the subleased premises which is the sole responsibility of the County and is included in the "County Owned Facilities Maintenance/Replacement" project.

There are no additional operating impacts over and above what is currently planned.

- **Ivy Landfill Remediation (Current Project/Additional Funding):** Ivy Landfill Remediation is an on-going effort that is expected to require expenditures over a prolonged period. Funding represents the County's share of on-going environmental remediation at Ivy Materials Utilization Center (MUC) which is managed by the Rivanna Solid Waste Authority (RSWA). The County and City are jointly responsible for the RSWA. This work is required under State permit and the County's share of the cost is specified under a Joint City/County/UVa agreement on cost sharing for environmental expenses. The installation phase of this project was completed in FY 14, with on-going maintenance through 2031.

There are no additional operating impacts over and above what is currently planned.

- **Ivy Materials Utilization Center New Facility (Current Project):** This project reflects the Board's approved option (November 2015) for addressing the compliance issues and retaining the Ivy MUC's use as a transfer station. The approved option provides for the construction of an 11,800 square foot stand-alone top load transfer station located to the west of the existing scales. This facility will be large enough to continue current activities and will allow for the possible expansion of recycling services. The construction project will be managed by the RSWA. The estimated capital cost for the facility is \$2,587,000.

The operating impacts support the operations of the new facility by RSWA including salaries, benefits, services, supplies, vehicles and maintenance. The estimate is offset by fees and the current contribution.

Ivy Materials Utilization Center New Facility	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$48,153	\$98,231	\$100,196	\$102,200
FTE's Added		0.00	0.00	0.00	1.00

- **Keene Landfill (Current Project):** This enables the County to be responsive to emergency environmental issues and/or repairs to the cap of the fill.

There are no additional operating impacts over and above what is currently planned.

- **Moore's Creek Septage Receiving (Current Project/Additional Funding):** This is the County's share paid to Rivanna Water and Sewer Authority for annual debt service for the septage receiving station at the Moore's Creek Wastewater Treatment Plant which is based on the Memorandum of Understanding (MOU) with Rivanna Water and Sewer Authority established in May 2010. This facility includes screening and dewatering of septage received at Moore's Creek WWTP. The facility provides active odor control as the septage is processed and pumped into the treatment plant for further treatment and improves both nutrient removal and odor control issues. This project was completed June 2010.

There are no additional operating impacts over and above what is currently planned.

- **Roadway Landscape Program (Current Project):** This is to maintain the entrance corridor roadway landscaping as required by the VDOT land use permit.

There are no additional operating impacts over and above what is currently planned.

Community Development:

- **County View Project (Current Project):** This project supports County View Updates as detailed in the County View Management Plan, including enhancements to the County View Web application to facilitate public access for viewing/processing applications on-line.

There are no additional operating impacts over and above what is currently planned.

- **Crozet Streetscape Phase II (Current Project Completed in FY 17):** The streetscape project, Phase II and IIA, includes relocation of overhead electric and utility lines from Crozet Avenue, a new stormwater drainage system, the first block of 'Main Street,' and pedestrian, vehicular, and streetscape enhancements along Crozet Avenue from The Square to Tabor Street. This project is an essential step in achieving the goals of the Crozet Master Plan by improving pedestrian connectivity within downtown Crozet, providing economic benefits and increased vitality for business owners, balancing the needs of all users including vehicles, pedestrians, and bicyclists, and aesthetically enhancing the entry way and main thoroughfare of downtown.

This project is funded in part by a federal grant and the following proffers: Liberty Hall, Westhall (1.1), Westhall (1.2), and Wickham Pond.

This multi-year project was funded through FY 17, substantially complete in November 2014, and is now effectively complete. There are no additional operating impacts over and above what is currently planned.

- **Pantops Master Plan (Current Project):** This project is to continue implementation of the Pantops Master Plan. Various projects identified include: priority crosswalk improvements (at Rte. 250/Rte. 20 and Rt. 250/Rolkin intersections); Old Mill Trail and other Greenway related improvements; Rt. 250/Rt. 20 intersection improvement design; other pedestrian crossings improvements at various locations; traffic calming/management improvements on connector roads South Pantops Boulevard and Fontana.

There are no additional operating impacts over and above what is currently planned.

- **Places 29 Small Area Study (Current Project):** As stipulated in Places 29, this request is to develop a Small Area Plan for the Rio Road and Route 29 intersection. During preparation of the plan and design of road improvements, business and property owners will be invited to participate in the process to identify and eliminate or minimize possible impacts of the improvements. The plan will be prepared in conjunction with VDOT and TJPDC. This work will incorporate VDOT project design and construction plans now underway for Rt.29/Rio Road grade separated interchange as recommended as part of Rte. 29 Solutions process.

There are no additional operating impacts over and above what is currently planned.

- **Records Management System (Current Project Completed in FY 17):** This supports the purchase of equipment/software, professional services and temporary labor for assistance in document conversion in the County's Community Development Department.

This project was funded through FY 17, and is now effectively complete. There are no additional operating impacts over and above what is currently planned.

- **Rivanna Master Plan (Current Project):** This project is to begin implementation of the Rivanna Master Plan. These funds are to be used towards the Rivanna Greenway/Old Mill Trail design and/or construction in

Pantops and eastward to Rivanna Village. These funds may also be used to fund emergency or unanticipated priority issues/capital projects that may arise during the fiscal year in the Village of Rivanna.

There are no additional operating impacts over and above what is currently planned.

- **Sidewalk Program Contingency (Current Project):** This provides contingency funds to support unforeseen project costs related to current sidewalk projects or to support sidewalk projects/improvements that arise as a result of safety issues.

There are no additional operating impacts over and above what is currently planned.

- **Sidewalk, Crozet Avenue N., & South Pantops Dr/State Farm Blvd (Current project):** This project supports pedestrian safety by providing sidewalk improvements along Crozet Avenue North, State Farm Boulevard, and South Pantops Drive. Substantial completion of the Crozet Avenue North portion of the project was August 2016 and the State Farm Boulevard and South Pantops Drive portions were January 2017.

The project is partially funded with Revenue Sharing funds and MJH @ Peter Jefferson Place proffer. A Safe Routes to School (SRTS) Grant supports improved pedestrian crossing at the school and extends sidewalk to Ballard Drive. The SRTS portion is also funded in part by the following proffers: Liberty Hall, Wickham Pond, Wickham Pond II, Grayrock, Grayrock West, and Haden Place.

This project is nearing substantial completion and entering the one-year warranty period of the close-out phase. There are no additional operating impacts over and above what is currently planned.

- **Sidewalk, Fontaine Avenue (Current project):** This project installed sidewalk for a short distance (approximately 170 feet) between the end of the existing sidewalk at the City limits to the Stribling Avenue intersection where the Fontaine Research Park asphalt path ends. The City's sidewalk ends abruptly at the city line and pedestrians are left without any facility until they reach the Research Park. Substantial completion of the project was May 2016. This project's final completion was June 2016. Project finished with \$13,484 left in contingency.

This project is complete and nearing end of the one-year warranty period of the close-out phase.

- **Sidewalk, Hollymead-Powell Creek Drive (Current Project):** This project will provide sidewalk and pedestrian crossing improvements at 3 locations to complete pedestrian links to Hollymead Elementary and Sutherland Middle Schools. The required right-of-way has been donated. The Forest Lakes Homeowners Association and the past principals from each school have requested these improvements. The current schedule anticipates project construction starting in the 1st quarter of 2017.

This project is supported in part the following proffers: Hollymead Area C, Hollymead Area D, Hollymead Town Center A1, North Pointe, and UVA Research Park.

There are no additional operating impacts over and above what is currently planned.

- **Sidewalk, Hydraulic & Barracks Rd (Current Project/Additional Funding):** This project supports pedestrian safety by making sidewalk improvements along Hydraulic Road and Barracks Road. The Hydraulic Road sidewalk improvement involves the construction of approximately 1700 feet of sidewalk on the north side of Hydraulic Road between Commonwealth Drive and Georgetown Road. The Barracks Road sidewalk improvement involves: 1) the construction of approximately 1000 feet of sidewalk from the Barracks West apartments on the north side of Barracks Road to the existing sidewalk west of the Georgetown Road intersection; and 2) the construction of crosswalks and two segments of sidewalk (650 ft. total) on the south side of Barracks Road between the Georgetown Road intersection and Westminster Road, and between S. Bennington Road and the 29/250 Bypass ramps. The current schedule anticipates project completion in the second quarter of calendar year 2017.

The project is partially funded with Revenue Sharing funds and Stonefield proffer.

There are no additional operating impacts over and above what is currently planned.

- **Sidewalk, Ivy Road: US Route 250 West (Current Project/Additional Funding):** This project supports pedestrian safety by providing sidewalk along Ivy Road from the existing sidewalk at the Charlottesville City limits to Stillfried Lane with a potential future extension along the UVA property to the Route 29/250 Bypass interchange. The project includes crosswalks and pedestrian signals at the Old Ivy Road (railroad

underpass) and Ivy Road intersection along with bike lane facilities, curb & gutter, storm drainage system improvements and consideration for possible street trees and pedestrian lighting. This project is partially funded by Revenue Sharing funds and Willow Glen proffer. The current schedule anticipates project completion by the 1st quarter of calendar year 2019.

There are no additional operating impacts over and above what is currently planned.

- **Sidewalk, Old Lynchburg Road (Current Project):** This project provides improvements to the existing asphalt walkway (resurfacing or replacement) along Old Lynchburg Road (Fifth Street Extended to Doncaster Lane), painted pedestrian crosswalks (including to Region Ten building), and pedestrian signage. This walkway is important since the Charlottesville Area Transit (CAT) bus route no longer stops at the Region Ten building but at a stop on the corner of Old Lynchburg Road and Fifth Street. The current schedule anticipates project construction starting in the 1st quarter of 2017.

This project is funded in part by Revenue Sharing funds.

There are no additional operating impacts over and above what is currently planned.

- **Sidewalks, Rio Road - Avon St - US Route 250 West (Current Project/Additional Funding):** This project supports pedestrian safety by providing sidewalk and crosswalk improvements along Rio Road, Avon Street, and US Route 250 West (Rockfish Turnpike) Crozet. These three projects are under one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program. The Rio Road sidewalk improvement project will connect the Stonehenge residential neighborhood to the John Warner Parkway and Rio Road sidewalk system. The Avon Street walkway/crosswalks improvement project (phase 1) will provide sidewalk on the east side from Swan Lake Drive to Mill Creek Drive and then to Cale Elementary School; and on the west side from Stoney Creek Drive to Arden Drive. The US Route 250 West-Crozet project will consist of the construction of sidewalks and crosswalks from Cory Farms to the Cloverlawn commercial area and Blue Ridge Shopping Center. This project is partially funded by Revenue Sharing funds and Avinity and Avon proffer. The current schedule anticipates project completion by the 4th quarter of calendar year 2018.

There are no additional operating impacts over and above what is currently planned.

- **Street Improvement – Local (Current Project):** This project supports VDOT and/or County shortfalls for high priority transportation projects as listed by the Comprehensive Plan (and associated Master Plans), Priority List of Secondary Road Improvements, and Priority List of Primary Road Improvements.

There are no additional operating impacts over and above what is currently planned.

- **Transportation Revenue Sharing Program (Current Project/Additional):** This program provides flexible and consistent funding to support high priority transportation projects and initiatives in the County. These are typically high cost projects requiring significant financial commitment to develop and implement. The high priority projects are identified in the County's Strategic Priority List of Secondary Road Improvements County and Recommended Primary Road Priorities for Improvements (adopted annually by the Board of Supervisors.) The high priority projects are also based on the Comprehensive Plan, Master Plans, the MPO's UnJAM 2035 Regional Transportation Plan, and other adopted policies/recommendations, such as those from the City/County/MPO endorsed Funding Options Workgroup Report.

Funding in FY 17 and FY 18 is primarily funded with borrowed proceeds; the equity and debt service is receives support from an increase in motor vehicle license fees that will be transferred from the general fund to the CIP and debt to be used towards design, right of way acquisition and/or construction of the priority transportation projects and will be the source for the County's match for the Revenue Sharing Program. This motor vehicle license fees increase is estimated to generate approximately \$250,000.00 per year.

At this time, funding for FY 19 is provided by General Fund year-end balance from FY 16.

Each year, the County participates in the Revenue Sharing Program. The VDOT Revenue Sharing (RS) Program is a consistent source of funding for the transportation improvements as noted above. Through this program, VDOT awards a dollar-for-dollar match to a participating locality up to \$10 million for the construction, maintenance, or improvements to state roads. Projects that have (or will) use RS funds include the Meadow Creek Parkway, Georgetown Road, and Jarman's Gap Road, the Crozet Avenue Streetscape project and the Broomley Road Bridge replacement project.

There are no additional operating impacts over and above what is currently planned.

Health and Welfare

- **Senior Center at Belvedere (New):** The County has received a onetime funding request in the amount of \$2,000,000 from the Center of Belvedere (Senior Center) to support the design and construction of a new Senior Center in the Belvedere Development. The construction of the Senior Center at Belvedere will replace the Senior Center located at 1180 Pepsi Place. Opened in 1991 through private philanthropy, the current facility is owned and operated by the private, independent 501(c)(3) nonprofit Senior Center, Incorporated. When the Master Plan is complete, the future Senior Center at Belvedere will have three times the indoor space of the current facility and nearly an acre of usable outdoor program and event space. The new Center will have the capacity to meet the needs of our expanding senior population, as well as dedicated functional space appropriate to the multi-dimensional activities. The Senior Center at Belvedere's design includes greater accessibility; a gymnasium with an elevated walking track, a fitness center, and group exercise spaces; a learning center with flexible-use, scalable classrooms for Center and community partner programs; rehearsal, performance, and studio spaces for fine and performing arts; as well as an expanded volunteer center. The request is for construction costs associated with the first phase. The exact number of square feet built in the first phase will depend on the level of public investment in the project and the selection of programming partners. The total estimated project cost for the Master Plan is \$23 million. The Center will seek the majority of the funding required from private philanthropists. The Senior Center has purchased the land completed payments in 2015. Phase One of construction is slated to start by December 2018 and to be completed July 2020. The Center does not plan to request funding from Albemarle County for current or future operations.

There are no additional operating impacts over and above what is currently planned.

- **PVCC Advanced Technology Center Site work (New):** Piedmont Virginia Community College requests funding, a proportional contribution based on the County's enrollment, to support the site work related to the construction of a new 45,000 square foot advanced technology center which will house credit and non-credit programs in advanced manufacturing (engineering technology and mechatronics), information system technology (cybersecurity, networking and programming) and viticulture and enology. Graduates of these programs will earn degrees, certificates and industry certifications that will prepare them for high-tech and high-demand jobs that will meet the needs of regional employers and advance the economic and workforce development goals of the Commonwealth.

Site work for this project includes site preparation, excavation, utilities, sidewalks, access roadway, etc.

PVCC will be funding this project through student fees, private donations, local contributions, auxiliary enterprise revenue, and state funding.

Schedule: The project is estimated to begin in July 2017 and completed in August 2022.

There are no additional operating impacts over and above what is currently planned.

Parks, Recreation, & Culture:

- **Burley-Lane Field Poles Lighting (Current Project):** This project supports the replacement of the existing wood poles and lighting fixtures on the baseball fields at Lane and Burley Middle School. Both facilities are used for community recreation. This project is expected to be complete in FY 18.

There are no additional operating impacts over and above what is currently planned.

- **City-County Owned Parks Maintenance/Replacement Project (Current Project/Additional Funding):** This is an on-going maintenance program intended to maintain, repair, and replace projects for City-County park facilities used for community recreation. The County is the fiscal agent for these facilities and oversees the maintenance projects. The funding ratio for projects at Darden Towe is 69.38% County and 30.62% City, and at Ivy Creek Natural Area is 50% County and 50% City.

There are no additional operating impacts over and above what is currently planned.

- **Cory Farm Greenway Connector (Current Project):** This project supports a bike/pedestrian trail connecting various Crozet neighborhoods to Crozet Park, downtown Crozet and Route 250 retail and businesses. The scope includes an easement acquisition, trail and bridge design/development, a pedestrian

bridge, benches, a Kiosk and signage. This project supported in part by the following proffers: Liberty Hall, Westhall 1.2, and Wickham Pond. This project is estimated to begin in FY 17.

There are no additional operating impacts over and above what is currently planned.

- **County-Owned Parks Maintenance/Replacement (Current Project/Additional Funding):** This is an on-going facility interior and exterior maintenance and replacement program and grounds maintenance at County parks facilities and school facilities used for community recreation.

There are no additional operating impacts over and above what is currently planned.

- **Crozet Park Maintenance/Replacement and Improvements (Current Project/Additional Funding):** This project provides funding for maintenance/replacement and facility improvements at Crozet Park to meet the recreation needs of the growing Crozet growth area as requested by the Crozet Park Board, based on a 2014 community needs assessment sponsored by Crozet Park. Crozet Park and the County entered into an operating agreement in 1997 whereas the entire park shall be used in perpetuity only for community recreation and other community related purposes. In exchange, the County assist in maintenance and facility/recreational improvements for the entire park.

The operating impacts reflected below are for annual maintenance.

Crozet Park Maintenance/Replacement and Improvements	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$2,943	\$3,000	\$3,056	\$3,113
FTE's Added		0.00	0.00	0.00	1.00

- **Greenway Program (Current Project):** This project supports the implementation of the County Greenway Program, to purchase land or easements, fund construction, or as matching funds for grants. While highest priority is to developing greenways identified in the Comprehensive Plan and other trail-related opportunities.

There are no additional operating impacts over and above what is currently planned.

- **Parks Greenways/Blueways (Current Project):** This represents on-going Park planning, acquisition, design, construction and maintenance projects in support of Albemarle County's Greenways/Blueways initiative. The program is supported by proffers.

There are no additional operating impacts over and above what is currently planned.

- **Parks Restroom Renovation/Modernization (Funding):** This is a facility renovation-modernization for restrooms at County parks facilities to include: Towe Park Tennis Court Restrooms; maintenance facility restrooms at Chris Greene Lake, Mint Springs Valley Park, and Walnut Creek Park; fishing area vault toilets at Humphries Park, Chris Greene Lake, and Walnut Creek park; Dorrier Park restroom expansion; and Chris Green Lake Plumbing/Water Upgrades. This project is funded by various proffers. This project is anticipated to be completed in FY 18.

There are no additional operating impacts over and above what is currently planned.

- **Pilot Fundraising Parks Project (Current Project/Funding):** This is a pilot Crowd Funding park project. A Crowd Funding project is a form of alternative financing based upon raising monetary or in-kind contributions from a large number of people. This is a pilot program that will enable the County to partner with the community and /or businesses to fund a park project. Currently, Parks and Recreation is considering utilizing this pilot funding mechanism to support a possible river park/boat landing under the Berkmar Bridge which would provide a significant opportunity to provide urban river access and create 17 miles of blueway trails in the County. The \$20,000 funded in FY17 is for the County's match to support design/startup/operating. The fund raising effort is expected to begin late 2017. The \$75,000 included in FY19 is to provide County support for the actual project that will be utilized as matching funds for the anticipated fundraising dollars.

Project management Division (PMD) assistance is not expected to be required until FY19.

There are no additional operating impacts anticipated over and above what is currently planned.

- **Preddy Creek Park Phase II (Current Project/Additional Funding):** This project supports the development of a bridge to span seventy feet (70') across Preddy Creek to connect the undeveloped remainder of Preddy Creek Park property, the establishment of approximately seven miles of new and restored existing trails,

and signage and mapping. The project is anticipated to be completed in FY 17. This project is funded in part by the Estes proffer and a grant awarded by the Virginia Department of Conservation and Recreation Recreational Trails Program Grant Program with a local match of \$17,250. The local match was provided by the Capital Greenway Program.

There are no additional operating impacts over and above what is currently planned.

Libraries:

- **Rio Property-Northside Library/Storage (Current Project):** The County purchased property at 705 Rio Road West which had a building that was formerly used to sell building products (known as the Phillips Supply Building). This property provides a permanent location for the Northside Library and long-term County warehouse/storage space. The new facility (repurposing of existing building) provides approximately 30,000 square feet of library space and 20,000 square feet of warehouse space. This project is complete.

This project is substantially complete and is nearing the one-year warranty period of the close-out phase. There are no additional operating impacts over and above what is currently planned.

Technology & GIS:

- **County Server Infrastructure Upgrade (Current Project/Additional Funding):** This is an on-going project to fund General Government technology initiatives (which supports all County and School locations), including network servers, switches, routers, disk storage, application packages, computer and related hardware. This project may include the initial implementation of software that support, upgrade and secure the County's networking infrastructure. The County currently has 70+ Network servers, 100+ switches/routers/wifi appliances, 12 security appliances, 6 backup appliances, 15+ UPSs and other assorted networking equipment and software. The hardware/software supports approximately 15+ division wide applications plus many in-house developed applications. Normal life expectancy for the equipment is 5-7 years. Any initial CIP software purchases requires cash funding.

There are no additional operating impacts over and above what is currently planned.

- **GIS Project (Current Project/Additional Funding):** This project funds the priorities identified in the five-year Geographic Information System (GIS) implementation plan and schedule as recommended by the GIS Steering Committee. Specifically, this request includes the acquisition of 2017 Aerial Photography & Topography, Submeter Handheld GPS Replacement, and Land Cover Mapping & Land Classification Modeling based on 2017 Data. The capturing of aerial photography is part of a state-wide program that occurs every four years whereby the state captures aerial photography of our County at no cost to us. Higher resolution aerial photography in the County's urban areas and updated 4' contours county-wide can be obtained through this contract for a fee.

There are no additional operating impacts over and above what is currently planned.

- **Increased Redundant Internet Services (Current Project):** This project supports the expansion of internet connection by creating a secondary Internet connection into COB McIntire and COB 5th Street buildings to provide redundant access to the Internet. Access to core technology infrastructure and services such as voice and data systems is greatly impacted by even a small interruption in services.

Since this CIP project has been approved, the Information Technology Department (IT) has utilized other funding sources to invest in Firewall technology, increased internet speeds, and implemented a low-speed Internet service which serves as a redundant service at the McIntire locations. IT is currently investigating the options available to the County to provide redundant high-speed Internet environment at McIntire and 5th Streets.

There are no additional operating impacts over and above what is currently planned.

- **Microsoft Upgrade (Current Project):** This project supports upgrades to (a) SharePoint, the County's major internal collaboration tool, (b) Exchange, the County's e-mail system, and (c) the County's Office Productivity tools such as Word, Excel, PowerPoint, and Access.

This project is estimated to be complete in FY 17. There are no additional operating impacts over and above what is currently planned.

- **Telephony Solution Replacement (Funding):** This project supports the replacement of all of the telephony solutions for the Albemarle County government. Telephony solutions include phone systems for voice calls, phone sets, voicemail, phone menus/trees, call accounting, call center, call conferencing and video conferencing. The County's facilities supported under the County telephony solution include COB-main, COB-5, Courthouse, Northside Library and Fire Stations 11, 12 and 15. These systems will reach the end of their useful life and require replacement or major upgrades in 2019.

There are no additional operating impacts over and above what is currently planned.

ACE:

- **ACE Program (Current Project/Additional Funding):** This project supports the Acquisition of Conservation Easement (ACE) Program established by the Board of Supervisors to purchase desired easements. Funding in FY 18 is tourism revenue.

There are no additional operating impacts over and above what is currently planned.

Other:

- **Borrowed Proceeds Transfer (Current Funding/Additional Funding):** This transfer is from the General Government CIP Fund to the School Division CIP Fund and Water Resources CIP Fund of the borrowed proceeds for School and Water Resources capital projects. Pursuant to the Governmental Accounting Standards Board (GASB) Comprehensive Implementation Guide, borrowed proceeds are to be first accounted for in the General Government CIP Fund and then transferred to the School Division and Water Resources CIP Fund.

There are no additional operating impacts over and above what is currently planned.

- **Cost of Issuance (Current Funding/Additional Funding):** Cost of issuance are the costs associated with issuing borrowed proceeds to support the CIP program. These include bank counsel, financial advisement, and bond council.

There are no additional operating impacts over and above what is currently planned.

- **Project Management Services-General Government (Current Project/Additional Funding):** Project management services are provided by Facilities and Environmental Services Department (FES)'s Project Management Division. This CIP category provides a reserve for either in-house project managers and/or contracted services to support local government projects that are not yet planned but may be undertaken during the fiscal year (i.e. feasibility/conceptual phase projects, studies, VDOT/transportation items, or other projects not initially programmed for project management services in FY 18.

There are no additional operating impacts over and above what is currently planned.

Regional Public Safety Firearms Training Center:

- **Regional Firearms Range Facility:** This was a joint project with the City of Charlottesville and University of Virginia (UVA) to implement the design and construction of a regional firearms training center on property owned by UVA on Milton Road. The center provides unprecedented training and education in the use of firearms and will improve the safety and effectiveness of our local law enforcement agencies. The facility includes a 50-yard qualification range and 50-yard tactical range, 16 shooting lanes, control platforms, classroom, office, bathrooms and storage areas. The construction and operations of the facility was funded jointly through a partnership between Albemarle County, the City of Charlottesville, and UVA. In December 2013, the region was awarded approximately \$2.9 million from the Office of the Attorney General of Virginia to fund capital costs associated with the construction of the center.

There are no additional operating impacts over and above what is currently planned.

This project is effectively complete. Per the operational agreement, any project balance will be held in a capital reserve fund for the facility.

Water Resources:

- **Carrsbrook Sinkhole Repair (Current Project completed in FY 17):** Corrugated Metal Pipes (CMP) conveying runoff beneath Carrsbrook Drive corroded over time and created a large sinkhole on the downstream side of the dam. The pipes are located on two private properties and partially within the VDOT right-of-way. The infrastructure was replaced in late 2015. The County and VDOT shared the cost of the project. The County is awaiting a final invoice from VDOT.

This project was completed in FY 17. There are no additional operating impacts over and above what is currently planned.

- **Dam Break Study 2015 (Current Project):** This project involves performing dam break analyses and flood inundation mapping for three of the County's regulated dams. The dams are Chris Green Lake Park Dam, Walnut Creek Park Dam, and the Hillcrest Dam.

This project is funded, in part, by a grant totaling \$33,600 from the Virginia Department of Conservation and Recreation (DCR). The balance of the project is funded through the County's dedicated Water Resources revenue.

The completion of the project was delayed, in part, due to DCR requesting that analysis of the Hillcrest Dam incorporate an adjacent dam owned by Piedmont Virginia Community College – at no additional cost to the County. This project is expected to be completed in FY 17.

There are no additional operating impacts over and above what is currently planned.

- **General Government CIP Transfer (Transfer):** This transfers \$1 million from non-dedicated Water Resources funding to the General Government CIP fund to maintain positive fund balances in FY 17.
- **Hollymead Dam Spillway Improvement (Current Project/Additional Funding):** The purpose of this project is to prevent failure of the Hollymead Dam. This will be accomplished by reinforcing much of the downstream slope of the dam with articulated concrete block (ACB). This measure will prevent scour and failure during overtopping of the dam by floodwaters due to a major storm event.

The Hollymead Dam is regulated by the Department of Conservation and Recreation (DCR) – Dam Safety. The applicable regulations (4VAC50-20) are intended to provide for the “proper and safe design, construction, operation, and maintenance of impounding structures to protect public safety”. A deficiency of the spillway and embankment was identified during a dam break analysis and inundation zone mapping exercise conducted by Schnabel Engineering in 2013 as required by the DCR permit.

The schedule of the project is not explicitly dictated by the permit but – due to the risk of dam breach during a very large storm event – DCR has advised that the County will remain compliant with State regulations as long as the County continues to make reasonable progress towards upgrading the embankment. The project is being implemented in three stages: 1) alternatives analysis, 2) design, and 3) construction. The analysis of alternatives has been completed; the final report entitled “Advisability Report – Evaluation of Spillway Upgrading Alternatives,” dated May 20, 2016, is based on new design storm standards recently published by DCR. Project design will commence in late FY 17 and construction is proposed to commence in late FY 18 or early FY 19.

The cost of the alternatives analysis was \$21,525 (FY 15). The design cost will be approximately \$213,000 and the construction budget is \$2,500,000.

The cost to operate and maintain the dam after the completion of the project is estimated to be comparable to the current maintenance cost.

- **Large-Scale Best Management Practice (BMP) Retrofits on Private Lands (Current Project):** This project is to achieve cost-effective pollutant reductions by retrofitting privately-owned and operated stormwater facilities. The project scope includes outreach to Stormwater Facility owners and the design and construction of three actual retrofits. This project will contribute toward the County meeting new pollution reduction (TMDL) requirements under its MS4 permit. This project is supported by a federal grant from the National Fish and Wildlife Foundation.

There are no additional operating impacts over and above what is currently planned.

- **Project Management Services-Water Resources (Current Project/Additional Funding):** Project management services are provided by Facilities and Environmental Services Department (FES)'s Project Management Division. This provides a reserve for either in-house project managers and/or contracted services to support water resources projects that are not yet planned but may be undertaken during the fiscal year (i.e. feasibility/conceptual phase projects, studies, projects not initially programmed for project management services in FY 18).

There are no additional operating impacts over and above what is currently planned.

- **Stormwater Management Program (Current Project):** The Stormwater Management Program account was established many years ago to construct, repair, and maintain permanent stormwater management facilities. It has been used to support past capital projects but has not received recent appropriations. This project will be closed out in the future.

There are no additional operating impacts over and above what is currently planned.

- **Stormwater Multi-facility Maintenance (Current project Completed in FY 17):** This project provided maintenance (sediment removal/dredging) and upgrades to existing regional stormwater management facilities (Four Seasons Lower Pond Dredging, Upper Four Seasons Channel, and the Branchlands Forebay). This project was completed in FY 17.

There are no additional operating impacts over and above what is currently planned.

- **Stormwater TMDL Maintenance Study (Current project Completed in FY 17):** Albemarle County, located in the Chesapeake Bay Watershed, is facing mandates levied by the U.S. Environmental Protection Agency (EPA) to reduce nitrogen, phosphorus, and sediment pollutants entering our streams and rivers. Because years of voluntary efforts did not bring the results anticipated, the EPA has set standards for each County, City and Town within the watershed. The numbers as recently published are exceedingly challenging. There were two benchmarks dictated by EPA. By 2017, the County is obligated to have a plan implemented AND have met 60% of the mandated reductions. If we do not reach that 60%, the EPA will likely initiate "backstops" meaning more stringent requirements on our MS4 permit. By 2025, the County is obligated to fully comply with the mandate. This request is to provide funding to retain the services of a reputable firm to assist us in producing a program with cost estimates to meet these pollutant reduction mandates.

This project was to provide funding to retain the services of a reputable firm to assist us in producing a program with cost estimates to meet these pollutant reduction mandates. The County hired contractors (the Thomas Jefferson Soil and Water Conservation District and AMEC Foster Wheeler) to support staff in developing required Action Plans and to identify program and funding gaps necessary to execute the plans long term. The County has received DEQ approval for both its Chesapeake Bay and local Action Plans. This project was completed in FY17.

In September 2016, the Board directed staff to establish a stormwater utility as a means to support ongoing TMDL requirements and other Board aspirations and to procure a funding consultant for this work. Staff will request that the remaining balance from this project (approximately \$100,000) be utilized to support the consulting work to establish a stormwater utility.

The Stormwater TMDL Study has been completed, with the approval by DEQ of County Action Plans, and will contribute towards the cleanup of the Chesapeake Bay and local, impaired streams.

There are no additional operating impacts over and above what is currently planned.

- **Stormwater Utility Formation project (Current Project):** This project is to support the work necessary to establish a stormwater utility, including procuring a funding consultant. The Stormwater Utility Formation project is expected to be completed by March 2018. There are no additional operating impacts over and above what is currently planned.
- **Water Resources TMDL (Current Project/Additional Funding):** This supports a succession of future capital projects necessary to meet new pollutant load reductions mandated by the Department of Environmental Quality (DEQ) as part of the clean-up plans for the Chesapeake Bay and local streams. While TMDL stands for Total Maximum Daily Load, it is essentially a clean-up plan for impaired waters.

As required by DEQ, the County has already submitted TMDL Action Plans for both the Chesapeake Bay and local impaired waters; these plans have received DEQ approval. These plans are an accounting of the pollutants causing the impairments and a proposal of how the County will achieve required pollutant load reductions in the future, primarily through the design and construction of capital projects.

While some specific projects have been proposed in the Action Plan, these projects have not been finalized and the list of projects will be altered and refined over the course of the 10 to 12-year TMDL planning horizon. The types of projects proposed will include: 1) stream restoration projects, such as a planned project in the Chapel Hills neighborhood 2) enhancements to existing County-owned stormwater management facilities, such as the recent project completed at Church Road Basin adjacent to Hillsdale Drive, or 3) enhancements or upgrades to privately-owned facilities. Commencement of the design of the first two projects began in FY 17; construction will begin in FY 18.

Ongoing maintenance will be required for all new projects. Enhancements to existing facilities will likely result in increased maintenance efforts.

The operating impacts reflected below are based on the cost of existing facilities:

Water Resources TMDL	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$26,950	\$55,200	\$84,750	\$115,600
FTE's Added		0.00	0.00	0.00	1.00

School Division:

- **Administrative Technology (Current Project/Additional Funding):** This project provides funding for the replacement of School Division's administrators' and classified staff's technology equipment. The technology equipment includes desktop and laptop computers, portable productivity devices, servers, and associated networking equipment. All equipment is scheduled to be replaced every five years, which is the maximum replacement cycle. Approximately 121 computers are scheduled on a yearly basis for replacement at approximately \$1,000 each, and approximately 14 servers are scheduled for replacement each year at approximately \$10,000 each.

There are no additional operating impacts over and above what is currently planned.

- **Agnor Hurt Elementary Addition/Renovation (Current Project):** This project includes additions and renovations at Agnor Hurt Elementary School. The construction of a 13,824 square foot addition onto Agnor-Hurt Elementary will increase capacity to 598 students. The addition will include six (6) K-5 classrooms, one (1) PRE-K classroom, one (1) full-size SPED classroom, a faculty workroom, offices, and associated support spaces. One new classroom will be constructed to replace an existing classroom, as the existing classroom will be renovated into a corridor and a Resource classroom. Additional parking will also be built. The project will incorporate LEED design principles, strategies and elements. This project is substantially complete. This project is supported in part by Stonefield and Willow Glenn proffers.

This project is substantially complete in FY 17 and is in the one-year warranty period of the close-out phase. There are no additional operating impacts over and above what is currently planned.

- **Bright Stars Trailer Re-location (Current Project/Additional Funding):** This is to re-locate a trailer from one school to another school to support the addition of a Bright Stars Classroom. The relocation of the trailer will be completed in summer of 2015 for use in the 2015/16 school year. The additional Bright Stars class will be held in the school building while an existing class meeting eligible criteria will be held in the trailer. This is complete.

This project was completed in FY 17. There are no additional operating impacts over and above what is currently planned.

- **CATEC Contingency: (Current Project):** This is for a future Charlottesville Albemarle Technical Education Center (CATEC) capital request (project or capital maintenance) that would not require ongoing funding for which there is no identified funding source. Funding supporting this has been received from VDOT as compensation for the taking of a portion of the CATEC property.

There are no additional operating impacts over and above what is currently planned.

- **Henley Middle School Gym Addition (Current Project Completed in FY 17):** The addition of approximately 7,200 SF will include an auxiliary gym, a physical education storage room, mechanical space, and a connection corridor. The 60' x 105' Multi-Purpose space will have a maple floor with a competition sized basketball court with volleyball game markings. Limited site improvements are envisioned for accessibility around the addition. The new space provides a third teaching station for physical education as well as expanded opportunities for shared community use in after-hours events. This project is supported in part by Old Trail Village proffer, Wickham Pond proffer, and Wickham Pond II proffer.

This project is substantially complete. There are no additional operating impacts over and above what is currently planned.

- **High School Capacity (Current Project/Additional Funding):** There is significant overcrowding at Albemarle High School. Under a 5-year lease agreement an 8 classroom modular unit will be installed this summer outside of the gym to mitigate some of the impact. A more long-term solution needs to be determined to address the current and projected deficits. The topic is complex and needs in-depth analysis. Real estate, economic modeling, and architectural expertise will all be required. The option of a new school will have to consider not only the implications of a new school but also what would be the best use of the vacated portion of AHS.

This project funds the necessary planning studies to complete this analysis. There are no additional operating impacts over and above what is currently planned.

- **Instructional Technology (Current Project/Additional Funding):** This project will provide funding for the replacement of School Division technology equipment used in classrooms, media centers, and computers which supports the School Division's Instructional Technology Plan. The instructional technology equipment include laptop and desktop computers, portable productivity devices, networking hardware, multimedia and adaptive technologies, as well as a great multitude of other technological hardware. Depending on the equipment function, it is scheduled to be replaced every three to five years on a replacement cycle. At an estimated cost of \$1,000 per desktop computer and \$600 per student laptop, the School Division is able to replace approximately 1000 computers per year.

There are no additional operating impacts over and above what is currently planned.

- **Learning Space Modernization (Current project/Additional Funding):** This project will begin to fund needed improvements to instructional spaces at ALL schools including existing classrooms, libraries, and other elective and support areas consistent with School Board goals and priorities. Modifications will include furniture and renewal work including updating finishes, casework, lighting and connections to adjacent spaces. The modifications should be comprehensive, but can be broken down in the following key areas: Classroom Furniture Upgrade, Classroom Modernization, Media Center, Modernization, Cafeteria Modernization, Specialty Classroom Modernization, and Daylighting.

There are no additional operating impacts over and above what is currently planned.

- **Project Management Services-School Division (Current Project/Additional Funding):** Project management services are provided by Facilities and Environmental Services Department (FES)'s Project Management Division. This provides a reserve for either in-house project managers and/or contracted services to support school division projects that are not yet planned but may be undertaken during the fiscal year (i.e. feasibility/conceptual phase projects, studies, projects not initially programmed for project management services in FY 18).

There are no additional operating impacts over and above what is currently planned.

- **Red Hill Elementary School Modernization (Current Project Completed in FY 17):** This project is currently funded for the design in FY 16. The recommended FY 17 budget includes funding for the construction phase of the modernization project. As requested, this project will modernize and newly furnish the current 13 classrooms and media center at Red Hill Elementary. The work will provide parity to other elementary schools in Albemarle County while meeting the design imperatives of contemporary learning spaces: transparency, sustainability, flexibility, mobility/interactivity, making everywhere, problem/project based learning, choice & comfort, and indoor/outdoor.

Work in the classrooms will update all finishes, casework, & lighting (as needed, may vary from room to room). It will improve transparency and connection to adjacent spaces and the outdoors. The furniture will be updated to create a flexible and comfortable learning environment. This includes ergonomic seating choice, work surfaces that vary in height & size but are all mobile, & adequate storage.

The media center will be modernized to be a flexible hub of congregation, collaboration, & creation. It will be expanded (within the building's existing footprint) and all finishes updated. New furniture and shelving will also be provided.

This project is substantially complete and entering the one-year warranty phase of close out. There are no additional operating impacts over and above what is currently planned.

- **School Bus Replacement (Current Project/Additional Funding):** This project funds the replacement of school buses based on prescribed needs-based fleet size and replacement guidelines outlined in School Board Policy. During each operating year, 12 school buses will be purchased to replace buses that are eligible for replacement based on the previously mentioned guidelines. The purchase of a bus also includes necessary equipment to support operating the vehicle in a manner that meets the needs of the students (add on equipment such as 2 way radios, wheelchair lifts, etc.). The School Division's school buses are of varying passenger capacities and with specialized equipment to meet special student needs. Cost estimate is an aggregate of the cost of average conventional buses (\$85 - 90K) and Special Needs buses (\$95 - 120K).

There are no additional operating impacts over and above what is currently planned.

- **School Maintenance/Replacement (Current Project/Additional Funding):** The recommended program includes major maintenance work that extends the useful life of the School facilities by improving, exchanging or replacing building components that are at or near the end of their useful life. Such components include roofs; electrical; mechanical, and plumbing equipment; pavement rehabilitation; and flooring replacement. In addition, this program also funds energy conservation measures; asbestos abatement; kitchen equipment replacement; and playgrounds equipment replacement.

Facilities include four high schools, five middle schools, 16 elementary schools, two service facilities (Vehicle Maintenance Facility and Building Services), and the PREP/Ivy Creek School. The indoor surface of 2,317,116 square feet is included in the total number of 631.59 acres.

There are no additional operating impacts over and above what is currently planned.

- **School Security Improvements (Current Project/Additional Funding):** Albemarle County Public Schools created a School Security Audit Team to inspect and create a needs assessment to address any risks. School leadership has set the goal of a secure main entry as one that directs visitors so that they must walk through the main office to enter the building during normal school hours. As a first step, in the fall of 2012, the School Security Audit Team evaluated the front entrances and graded them based on ease of surveillance. This controlled entrance arrangement was present at 3 schools when the evaluation was conducted. Since the onset of this project, 15 more school entrances meet this criteria. Due to the layout of the remaining buildings, small additions will be required to create the controlled entrance/office combination without interrupting main circulation paths within the school. Design will occur during the respective school year, while construction will begin over the summer and be completed in the fall

There are no additional operating impacts over and above what is currently planned.

- **Scottsville Elementary Parking and Traffic Improvements (New):** This project will make site improvements to Scottsville Elementary's parking area. The scope of project will include: asphalt modifications to swap the parent drop-off and bus drop-off area for safer and more efficient site circulation, paving an existing temporary gravel lot to add 19 permanent spaces, and additional sidewalks for safe site circulation. This project would coincide and complement with the security addition that is slated for Summer 2017 construction. Construction is estimated to begin in June 2017 and be completed for the 2017/18 school year in August.

There are no additional operating impacts over and above what is currently planned.

- **State Technology Grant (Current Project/Additional Funding):** The County of Albemarle Public Schools participates in the Virginia Public School Authority (VPSA's) Technology Grant. These funds are used to supply computers, networking hardware, and related equipment for the administration of the state mandated Standards of Learning test, and when not being used for testing this equipment is used in general instructional. Funding levels are determined by a state formula. These grant funds are provided by the state grant, making this request budget neutral assuming no changes to the state budget.

Primarily this funds well-equipped computers, at an estimated \$1,000 each, for approximately 750 computers per year. A significant portion of machines are also used for instruction. Technologies must be maintained on a similar replacement cycle of 3 to 5 years.

There are no additional operating impacts over and above what is currently planned.

- **Telecommunications Network Upgrade (Current Project/Additional Funding):** This project provides funding to maintain and upgrade the Albemarle County Public Schools network telecommunications infrastructure. The on-going maintenance and improvements allow the Division to meet the expanding instructional and administrative data needs. This funding will allow for construction of a fiber backbone to

support long-term instructional needs. Additionally, this funding provides for the on-going repair and maintenance of all core networking equipment. Combined, this will move the division beyond its current deployment which is quickly becoming obsolete.

There are no additional operating impacts over and above what is currently planned

- **Western Albemarle High School Environmental Studies Academy:** This project request is for facility improvements to support the Environmental Science Academy. The project is divided into two phases. Phase 1, scheduled to begin in FY 16, is for an Environmental Studies Learning Center & Greenhouse: 2080 s.f. glass greenhouse, 1580 s.f. class/work room storage, associated site work, furnishings and equipment.

This multi-year project was funded through FY 17, is substantially complete, and is entering the one-year warrant phase of close out. There are no additional operating impacts over and above what is currently planned.

- **Western Albemarle High School Environmental Studies Academy Phase 2 (Funding)**
This project is phase 2 of a two-phase project for an Academy Addition and science labs modernization. The addition will be about 10,000 s.f. and shall be expanded science facilities to accommodate the Environmental Science Academy programs. Spaces shall include three labs, offices, a shared prep room with storage, and project spaces for independent, collaborative teaming. Spaces should also accommodate hydro / aqua activities and hydroponics. Seven of the existing science labs in the building will also be modernized and includes replacing casework, updating finishes and lighting, improving daylighting, adding additional power and replacing furniture.

The project would be designed beginning in July 2018 and be open for the 2020/21 school year.

The operating impacts reflected below are based on existing costs:

Western Albemarle High School Environmental Studies Academy Phase 2	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$0	\$0	\$69,600	\$71,892
FTE's Added		0.00	0.00	1.00	0.00

- **Woodbrook Elementary School Addition-Modernization (Current Project/Additional Funding):** This project adds about 40,000 square feet to Woodbrook Elementary. This will add about 300 seats bringing the school's capacity to 600 students. The two-story addition will include 16 classrooms, 2 dedicated SPED classrooms, 4 smaller resource classrooms, a maker space, professional development training space, a conference room, 2 faculty workrooms & toilets, offices, storage, and various support spaces. Smaller additions will expand the cafeteria and a new gym will be constructed. This project is estimated to be completed in May 2018.

The operating impacts reflected below are based on existing costs:

Woodbrook Elementary School Addition-Modernization	FY 18	FY 19	FY 20	FY 21	FY 22
Net Operating Impact		\$213,194	\$220,421	\$227,648	\$234,875
FTE's Added		3.00	0.00	0.00	0.00

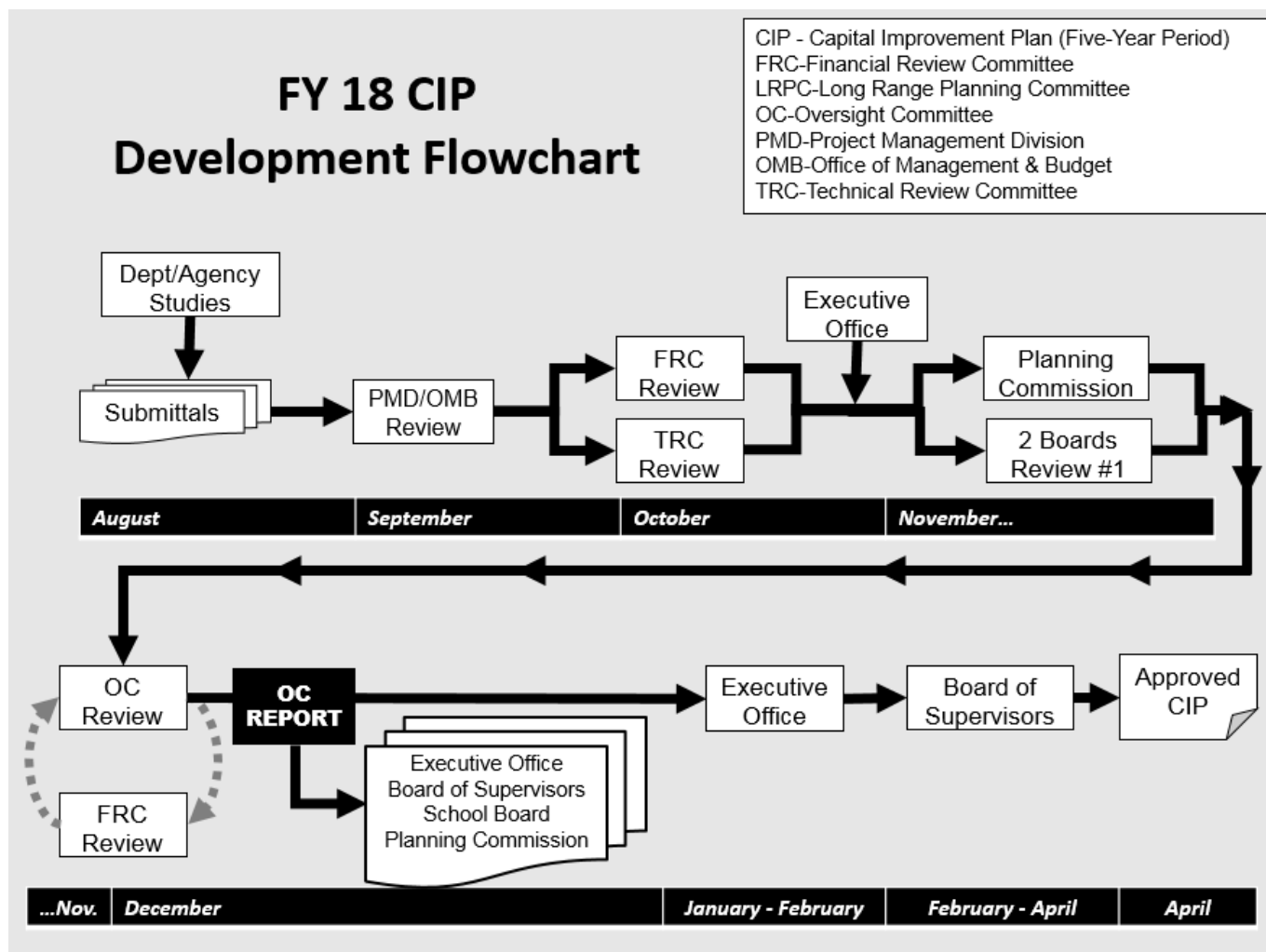
Capital Needs Assessment (CNA)

The CNA reflects the County's anticipated future needs and includes (a) projects as requested from departments and agencies for FY 23 – 26 and (b) whole or partial requests deferred beyond the five-year CIP. These requests include projects that have been identified in the Comprehensive Plan or other planning documents that provide for stated levels of service for County residents and/or are important investments in support of the County's growth management efforts which will need to be considered in the near future.

During the FY 18 planning process, the FY 18 CNA was not formally amended. The sixth year of the FY 17 Adopted CNA became the fifth year of the FY 18-22 CIP.

Process for Preparing the Capital Improvement Program

Preparation of the Capital Improvement Program is an interactive process that takes approximately ten months each planning year. There is a two-year cycle which was revised by the Board of Supervisors on September 9, 2015. The revision maintains a two-year planning cycle but only allows new project requests for the five-year CIP during Year 1 of development; the ten-year Capital Needs Assessment (CNA) will continue to be updated every other year in the second-year.



Benefits

A long-term Capital Improvement Program has many obvious benefits derived from its organized approach to planning projects. The program provides a systematic evaluation of all potential projects at the same time and serves to stabilize debt service payments and reduce borrowing costs through consolidated issuance. Benefits include:

- Economic development tool
- Eliminates the duplication of project requests and enables the County to take advantage of joint planning and shared county facilities;
- Assists in implementing the County's Comprehensive and Area Plans and related policies;
- Establishes a system of annual examination and prioritization of county needs;
- Focuses attention on community goals and objectives;
- Allows for proper programming and project design;
- Allows for the identification of appropriate project financing and construction schedules;
- Helps provide a framework for the equitable distribution of public improvements throughout the County;
- Provides a basis for formulation of bond issues, borrowing programs, or other revenue producing measures;
- Facilitates capital expenditure and revenue estimates and helps to avoid emergency financing methods;

- Encourages efficient government administration;
- Fosters a sound and stable financial program; and
- Bridges the gap between day-to-day operations of county government and the County's long-range development goals.

Guiding Principles

The Board of Supervisors adopted the following “guiding principles” to facilitate identification, scope and priority of CIP projects:

- Maintain public safety as a key component of Albemarle’s livability;
- Provide and maintain education facilities and technologies that enhance teaching and learning;
- Support and enhance Albemarle County’s overall quality of life and community desirability and livability, including projects that contribute to the arts, education, community events, outdoor recreation, historic and cultural heritage, and social opportunities;
- Improve and maintain critical County facilities to a 40-year useful life to improve functionality of buildings and to preserve assets;
- Provide well-located, safe and efficient facilities that offer quality customer service and increase employee productivity;
- Incorporate environmentally sensitive and energy-efficient systems into County facilities;
- Respond to technological innovations and incorporate technological rather than spatial solutions when appropriate;
- Pursue innovative arrangements for financing approaches including, but not limited to, public/private partnerships; ground lease of County properties in high value areas; leaseback and lease-purchase options, and intergovernmental cooperation;
- Assist departments in preserving and maintaining the County's investment in buildings, land, infrastructure, and equipment;
- Recommend projects based on a prioritized ranking system and the effective utilization of available outside funding sources (Federal, State, other) in addition to appropriate County funding levels;
- Pursue opportunities for collaboration between general government and schools: working together to advance opportunities for different generations to come together in any publically financed facility; and
- Support working with our community non-profits (especially those receiving County funds) to seek opportunities to benefit ALL county residents by sharing spaces.

Resources

The Office of Management and Budget (OMB) determines the availability of Capital funds in accordance with the Board of Supervisors' established policies. Determining the availability of funds includes an analysis of future county debt capacity and projections of available funds. Funding the County's CIP ranges from direct County contributions, such as from the Reserve for future capital projects, proceeds from the sale of bonds, contributions from outside sources such as private developer contributions, or contributions from federal and state funds and grants. Following is a selected list of funding options for the CIP. Additional funding options exist and not every funding option is utilized in a particular CIP.

- **General Fund Transfer:** Funds received annually from the general government operating budget. The County’s goal is to dedicate a minimum of 3% of the annual General Fund revenues to the CIP. Funding debt service obligations is the first priority of the General Fund Transfer to Debt and Capital. The balance is distributed to the CIP funds based on the cash needs of pay-as-you-go projects. The distribution takes into consideration the cash need net of all available revenues and available fund balance.

Overall, the FY 18 transfer to capital projects and debt service increases \$3,290,800 or 14.8% over the FY 17 Adopted budget. This increase includes the \$700,000 to restore revenue reduced in prior years.

- **Use of Prior Year General Fund Balance:** Budgeted prior year revenue surplus and/or expenditure savings from the General Fund Balance. It is the County’s practice for Year 1 of the CIP, the Capital Budget, to calculate and appropriate the funds, if available, after the prior year’s General Fund is audited.
- **Water Resources Transfer:** Supports (a) a portion of the “pay-as-you-go” Stormwater projects and (b) the debt service associated with the Stormwater projects funded with loan proceeds. The revenue is collected in the General fund and provided by transfer to the Water Resources Fund which then provides revenue by transfer to the Stormwater CIP and debt payment funds. The revenue amount is currently based on a dedicated 0.7 cents per \$100 assessed value for the real estate property tax rate
- **General Obligation Bonds:** A bond sold by the County to investors to raise money.

- **Virginia Public School Authority (VPSA) School Financing Bonds:** VPSA provides financing to localities by using the proceeds of its bonds to purchase a "pool" of general obligation bonds from localities ("Local Issuers"). Each Local Issuer uses the proceeds to finance capital projects for public schools. Pooled bond sales are regularly scheduled in the Spring and Fall of each year. Pooled bonds are issued by the VPSA under its 1997 Resolution and secured by the payments on general obligation school bonds ("Local School Bonds") purchased by the Authority. In the event of a default of any Local School Bond, a "State Aid Intercept" provision provides for a diversion to the holder of its local school bonds of all funds appropriated and payable to the Local Issuer by the Commonwealth.
- **Economic Development Authority (EDA) Lease Revenue Bond:** Proceeds of the sale of revenue bonds; bonds that pledge the revenue-generating potential of a facility or utility system.

Note: The EDA is responsible for promoting and encouraging economic development in Albemarle County. The EDA was formerly known as the Industrial Development Authority (IDA). The Authority secures bond financing primarily for non-profit organizations with major capital projects.

- **Capital Reserve:** Funds reserved from County operating revenues for capital projects.
- **Local:** Funds and payments received from sources such as:
 - **Courthouse Maintenance Fund:** Clerk of the Court collects an assessed sum as part of the costs in (i) each civil action filed in the district or circuit courts located within its boundaries and (ii) each criminal or traffic case in its district or circuit court in which the defendant is charged with a violation of any statute or ordinance. The fees collected are used for the construction, renovation, or maintenance of courthouse, jail or court-related facilities and to defray increases in the costs of heating, cooling, electricity, and ordinary maintenance.
 - **Fire Company Repayment:** Repayment for County loan for Stoney Point Fire Company Building. The final payment is scheduled for November 2018.
 - **Partnerships:** Shares of projects paid to the County for the designated amount. Examples include: (a) the County is the fiscal agent for the ECC Emergency Telephone System and will be reimbursed by the participating localities based on a percentage of usage and (b) the County is the fiscal agent for the firearms range project and is anticipating a partnership with the City of Charlottesville which will generate a reimbursement based on the agreement.
- **State:** Funds and payments received from the Commonwealth of Virginia.
- **Federal:** Funds and payments received from the federal government.
- **Cash Proffers:** Funds negotiated at the time of rezoning to help defray the capital costs associated with resultant development. As funds are collected over time, appropriations are used for specific capital facility needs.
- **Tourism:** Revenue derived primarily from an additional 3% rate in the County's transient occupancy (hotel/motel or lodging) tax. Albemarle County levies a transient occupancy tax of up to a maximum rate of 5%. Legislation requires the revenue from the additional 3% rate be used only for projects and expenditures that promote tourism, travel, or businesses that generate tourism or travel in the locality.

Capital Project Definitions

A submittal, or **capital project request**, is submitted by County Departments or agencies, which marks the beginning of the planning cycle. During the first year, the development cycle, new project requests are accepted and projects may transition from the CNA to the CIP. In addition, amendments may be applied to projects. As a general rule, any new capital project should be entered into the capital planning process by being initially programmed in the CNA time period (Years 6-10). A Capital Project Request package is required for each project during its initial consideration.

A **capital project** is a planned expense for a facility or physical item requiring a minimum expenditure of \$20,000, having a useful life span of 10 years or more (except for technology projects), and meeting one or more of the following definitions:

- Involves the acquisition or construction of any physical facility for the community;
- Involves the acquisition of land or an interest in land for the community;
- Involves the acquisition or construction of public utilities;
- Involves the ongoing acquisition of major equipment or physical systems, i.e., computer technology, radio systems, major specialized vehicles etc.;

- Involves modifications to facilities, including additions to existing facilities, which increases the square footage, useful life, or value of the facility; and/or
- Capital maintenance or replacement projects on existing facilities, as defined below.

A **capital maintenance or replacement Project** is a non-recurring project to repair, maintain, or replace existing capital facilities for the purpose of protecting the County's investment in a facility and minimizing future maintenance and replacement costs. To be classified as a capital maintenance project, a project must have an interval between expenditures of at least 5 years. Individual maintenance projects may have a minimum value of less than \$20,000.

Since **information technology purchases** are durable products but typically have a useful life of only 3 to 5 years, these purchases can be planned in the CIP, but generally funded in the Capital Budget on a "pay-as-you-go" basis from either current revenues, other non-borrowed sources of funding, such as state revenues (when available), or other local non-General Fund revenues.

A **mandated project** is submitted in response to a directive/law from a governing body (i.e. Local Govt., State Govt., or Federal Govt. mandate). An example of a project considered to be a "Mandate" is the Ivy Landfill Remediation, which the Technical Review Committee viewed in this category due to the City/County/University cost sharing for environmental expenses as required under the State permit.

An **obligation project** is submitted in response to contractual requirements for joint funded projects (e.g. City) or project submissions tied to contractual agreements (e.g. Lease agreement for Storage Facility.)

OMB and PMD Review

OMB staff compiles the submitted project requests and verifies the accuracy of the anticipated project operating costs. The requests are extensively reviewed by the Project Management Division (PMD) to verify the accuracy, adequacy and completeness of project descriptions, project cost, and funding requests.

The Capital Improvement Program review schedule provides for a four week review period for any project in the CIP requiring construction. However, departments and agencies are encouraged to consult with PMD as early as possible in the capital planning cycle regarding the engineering requirements for new projects under consideration or being proposed for the capital plan, and for any revisions to existing projects. Consultation should continue throughout the CIP preparation and review process.

Financial Review Committee (FRC)

The FRC reviews the Capital revenue and debt assumptions (current and projected requests) to assure that they are accurate and have been well researched and documented. The FRC provides the base scenario for the TRC's ranked projects and together provide a recommended scenario. The FRC will also review the OC's scenarios and final recommendation to assure that the recommended five-year CIP is aligned with approved financial policies. The FRC meets at least 3 times throughout the cycle to review base assumptions, TRC recommendations, and OC recommendations.

FRC Charge: The Capital Improvement Program (Capital Program) is the planning guide for County expenditures for major capital facilities and equipment and includes a five-year approved Capital Improvement Plan (CIP) balanced to revenues and a Capital Needs Assessment (CNA) to identify long-term capital needs beyond the five-year CIP. The Financial Review Committee (FRC) will assist the County in the Capital Program process by reviewing the Capital revenue and debt assumptions (current and project requests) to assure that they are accurate and have been well researched and documented. The FRC will review the base scenario for Technical Review Committee's ranked projects and together provide a recommended scenario. The FRC will review Oversight Committee's scenarios and final recommendation to assure that the recommended five-year CIP is aligned with approved financial policies. The Capital Program Financial Review Committee will report its recommendations to the appropriate Committee, Board, or Staff.

Financial Review Committee Member Responsibilities:

- Review all current revenues for accuracy and appropriate timing including the use of on-going revenues and borrowed funds based on approved County financial policies;
- Review all project requests to clarify and/or identify revenues or offsets including the use of borrowed funds, for accuracy, and for appropriate timing based on approved County financial policies;
- Review current debt service schedule for accuracy and appropriate timing based on approved County financial policies;
- Ensure scenario(s) developed for the five-year CIP are aligned with approved financial policies and that the County's financial stability is maintained through the prudent use of its revenues
- Ensure scenario(s) developed for the five-year CNA are aligned with approved financial policies and that the County's financial stability is maintained through the prudent use of its revenues

- Together with the Technical Review Committee, develop a recommended CIP scenario (s) for the five-year CIP and the five-year CNA based on revenue projections approved by the Financial Review Committee;
- Forward recommendations to the requesting Committee, Board, or staff.

Financial Review Committee Members include an OMB representative (Facilitator), a Finance Department representative, a School Division representative, and the TRC Facilitator.

Technical Review Committee (TRC)

The TRC ranks the projects based on established criteria. The ranking process allows projects to be added in a systematic, objective manner. Available revenues, the Board's Guiding Principles, and financial policies guide project inclusion in the Capital Improvement Program. The Technical Review Committee reports its recommendations to the Oversight Committee.

TRC Charge: "The Capital Improvement Program (Capital Program) is the planning guide for County expenditures for major capital facilities and equipment and includes a five-year approved Capital Improvement Plan (CIP) balanced to revenues and a Capital Needs Assessment (CNA) to identify long-term capital needs beyond the five-year CIP. The Capital Program Technical Review Committee will assist the County in the Capital Program process by assuring that the technical aspects and costs of each of the requested projects have been well researched and documented. The team will also review, evaluate and document the need for each project and make recommendations for priority funding based on the established capital project evaluation criteria. The Capital Program Technical Review Committee will report their recommendations to the County Executive's Office and the Capital Program Oversight Committee."

Technical Review Committee Member Responsibilities:

- Review all project requests for clarity, accuracy and appropriate timing;
- Meet with project submitters to clarify requests and propose revisions, if needed;
- Rank requested projects based on established evaluation criteria;
- Review available revenues and debt service requirements for project requests based on approved County financial policies;
- Prioritize projects based on their ranking and available revenues;
- Together with the Financial Review Committee, develop a recommended CIP scenario (s) for the five-year CIP and the five-year CNA based on revenue projections approved by the Financial Review Committee;
- Forward the joint recommendation to the Capital Program Oversight Committee for its review.

Technical Review Committee Members:

Director of Facilities and Environmental Services (FES) Department, FES Department (Facilitator)
 Director of Building Services, Albemarle County Schools
 Executive Director of Fiscal Services, Albemarle County Schools
 Chief of Planning, Department of Community Development
 Chief of Public Works, FES Public Works Division
 Public Safety Representative*
 Senior Project Manager, FES Project Management Division
 Budget Analyst, Office of Management and Budget

*The Public Safety representative is a two-year role alternating between Police and Fire Rescue; the appointee is designated by Chief of Police or Chief of Fire Rescue

Capital Improvement Program project evaluation criteria:

Project evaluation criteria have been established and are used by the committees to review and evaluate all capital projects and their cost estimates. All CIP projects are evaluated against various factors which the submitting department/agency is asked to address on each of the applicable CIP Forms, such as the Project Request Form, the basis of cost estimates provided on the Project Cost Summary Form, and the several project cost detail forms, all of which are fully described in the instructions.

Mandated, obligated, maintenance/replacements, and committed projects are considered to be the highest priorities.

It is the County's goal to ensure that non-discretionary maintenance and repair projects are funded before new projects are undertaken, which is why those are considered a higher priority than non-maintenance projects. As stated in the County's financial policies, the goal is to fund these projects as much as possible with current revenues, rather than through borrowed funds. Maintenance and repair projects are a non-recurring project to repair, maintain or replace existing capital facilities for the purpose of protecting the County's investment in a facility and minimizing future maintenance and replacement costs. These projects also involve the ongoing

acquisition, replacement or upgrades of major equipment or physical systems, i.e. computer technology, radio systems, major specialized vehicles, etc. deemed critical to county infrastructure and to continued operations.

The County encourages projects which include contributions from outside resources arising from private donations, grants, public/private partnerships, joint undertakings and state and federal programs and incentives.

Beginning in FY 15, mandated and obligated projects, such as the Moore's Creek Septage Receiving Station and the Ivy Landfill Remediation will continue to be technically evaluated but not be ranked.

All non-mandated/obligated projects submitted will be subject to ranking in the following areas of emphasis: Health and Safety, Education, Regulatory Compliance, Quality of Life, Infrastructure, Sustainability/Energy Efficiency, Economic/Community Development, Special Considerations, Impact on Operational Budget, and Timing/Location. While the areas of emphasis are similar, maintenance/replacement projects have a separate set of ranking criteria than other projects.

Prior to the FY 17 planning process, if there are no significant changes in key factors, the projects in the first four years received the same previous ranking. The ranking schedule was revised on September 9, 2015 to exclude ranking during year two amendment cycle except for requests qualifying for amendment/emergency and any CNA requests (previously unranked) moving into Year 5.

CIP Initial Review:

Just prior to the Oversight Committee's Review, the two Boards (the Board of Supervisors and the School Board) and the Planning Commission review the project requests and initial financial forecast. This initial review provides the reviewing Boards and Commission an opportunity to provide feedback to its respective members serving on the Oversight Committee.

Oversight Committee

The Oversight Committee reviews the Technical Review Committee's ranking recommendation and the joint Technical Review Committee and Financial Review Committee's Capital Program recommendation adjusting the projects as necessary. The Oversight Committee provides a recommended CIP and CNA to the County Executive.

Oversight Committee Charge: "The Capital Improvement Program (Capital Program) is the planning guide for County expenditures for major capital facilities and equipment and includes a five-year approved Capital Improvement Plan (CIP) balanced to revenues and a Capital Needs Assessment (CNA) to identify long-term capital needs beyond the five-year CIP. The Capital Program Oversight Committee will assist the County in the Capital Program process by reviewing and evaluating the recommended Capital Improvement Program brought forward by the Capital Program Technical Review Committee. The Committee will assure that the proposed Capital projects are aligned with County policies, established priorities, guiding principles and long term vision, as defined in the County's Strategic Plan. The Committee will also assure that the recommended five-year CIP is aligned with approved financial policies and that the County's financial stability is maintained through the prudent use of its revenues. The Capital Program Oversight Committee will report its recommendations directly to the County Executive."

Oversight Committee Member Responsibilities:

- Review the recommended Capital Improvement Program presented by the Capital Program Technical Review Committee;
- Ensure that the proposed project ranking is properly and consistently applied;
- Propose modifications/improvements to the project ranking system;
- Ensure that all Capital projects carry out the County's long-range goals and objectives;
- Ensure that the recommended five-year CIP addresses County needs through the proper timing, prioritization and balance of local government and school division projects;
- Ensure that County revenues are used wisely to address the County's capital needs and that the recommended CIP conforms to approved financial policies, including the use of on-going revenues and borrowed funds;
- Propose revisions or adjustments to the five-year CIP proposed by the Capital Program Technical Review Committee, if needed;
- Recommend a five-year CIP with any documented revisions to the County Executive.

Oversight Committee Members include: 2 Members of the Board of Supervisors, 2 Members of the Albemarle County School Board, 1 Member of the Planning Commission, and 1 Citizen Representative.

County Staff Support includes: 2 Deputy County Executives, the School Division Assistant Superintendent, the Director of Facilities and Environmental Services (Co-Facilitator) and the Director of Management and Budget (Co-Facilitator).

Recommended Capital Improvement Program

The County Executive's Recommended Capital Improvement Program is reviewed by the Board of Supervisors and the School Board, the County's Planning Commission, and finally by the Board of Supervisors as recommended to them by the County Executive for their approval. The Board of Supervisors subsequently approves both the Capital Improvement Program and the annual Capital Budget for projects to be funded in the upcoming fiscal year during the annual budget review process.

Reference: Prioritized Projects by Scoring Classification
Referenced in CIP Process for Preparing the Capital Improvement Program

FY 18 PROJECTS BY SCORING CLASSIFICATION (\$ net of transfers)				FY 18 CIP (FY 18-22)									
Project Status Key : *New Project m-Multi-Year *Referendum Revenue Key : r-Revenue Offset w-Water Resources Revenue				FY 17 Ranking with FY 18 Adjustments Bolded	[A] FY 17 CIP 7/6/16 Adopted FY 18-22 Total	[B] FY 18 CIP Revised Request FY 18-22 Total	[C] FY 18 CIP Model TRC/FRC	[D] FY 18 CIP Model OC 02 Recommended	[E] FY 18 CIP Model CE Recomm	[F] FY 18 CIP Model ADOPTED	Revenue Key	FY17 Net Cost to County	[G]=[F]-[A] Comparison FY 17 Adopted to 2YR Fiscal Model+
Line	Status Key	Initial FY 17 CIP Request FY 17-22											
001													
002	MANDATES												
003	Hollymead Dam Spillway Improvement	m	\$ 2,561,616	Priority	\$ 11,864	\$ 106,592	\$ 106,592	\$ 106,592	\$ 90,993	\$ 90,993	w		\$ 79,129
004	Water Resources TMDL	m	\$ 5,352,532	Priority	\$ 5,733,383	\$ 5,900,819	\$ 5,900,819	\$ 5,900,819	\$ 5,854,742	\$ 5,854,742	w		\$ 121,359
005													
006	OBLIGATIONS												
007	Court Facilities Addition/Renovation	m	\$ 31,768,846	Priority	\$ 43,749,725	\$ 43,749,725	\$ 43,749,725	\$ 43,749,725	\$ 43,668,893	\$ 43,668,893	r	\$ 37,268,893	\$ (80,832)
008	ECC Regional 800Mhz Communication System	m	\$ 263,200	Priority	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
009	Ivy Fire Station 15 Maintenance Obligation	m	\$ 250,000	Priority	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000			\$ -
010	Ivy Landfill Remediation	m	\$ 2,615,000	Priority	\$ 2,615,000	\$ 2,615,000	\$ 2,615,000	\$ 2,615,000	\$ 2,615,000	\$ 2,615,000			\$ -
011	Ivy Materials Utilization Center New Facility	m		Priority	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
012	Moore's Creek Septage Receiving	m	\$ 547,205	Priority	\$ 547,205	\$ 547,205	\$ 547,205	\$ 547,205	\$ 547,205	\$ 547,205			\$ -
013	Borrowed Proceeds Transfer	m	N/A	Priority	\$ 63,718,528	TBD	TBD	\$ 77,685,577	\$ 42,521,056	\$ 42,521,056			\$ (21,197,472)
014	Cost of Issuance	m	N/A	Priority	\$ 2,082,645	TBD	TBD	\$ 2,596,117	\$ 1,811,999	\$ 1,811,999			
015	General Government CIP Transfer	m	N/A	Priority	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
016	Project Management Services	m	N/A	Priority	n/a	TBD	TBD	\$ 1,017,179	\$ 545,353	\$ 545,353			
017													
018	MAINTENANCE/REPLACEMENT PROJECTS												
019	[Police] County 800Mhz Radio Replacements	m	\$ 2,871,823	FY17 MR02	\$ 3,357,419	\$ 3,238,606	\$ 3,238,606	\$ 3,238,606	\$ 3,238,606	\$ 3,238,606			\$ (118,813)
020	School Maintenance/Replacement Program	m	\$ 36,359,500	FY17 MR01	\$ 36,554,009	\$ 36,953,810	\$ 36,953,810	\$ 36,953,810	\$ 36,728,600	\$ 36,728,600			\$ 174,591
021	School Bus Replacement Program	m	\$ 6,000,000	FY17 MR03	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	r	\$ 4,500,000	\$ -
022	[Fire Rescue] Apparatus Replacement Program	m	\$ 7,299,951	FY17 MR04	\$ 7,675,696	\$ 7,675,696	\$ 7,675,696	\$ 7,675,696	\$ 7,738,526	\$ 7,738,526			\$ 62,830
023	County-Owned Facilities Maintenance/Replacement	m	\$ 7,398,308	FY17 MR05	\$ 6,110,479	\$ 6,172,300	\$ 6,172,300	\$ 6,172,300	\$ 6,198,658	\$ 6,198,658			\$ 88,179
024	State Technology Grant	m	\$ 3,630,000	FY17 MR06	\$ 3,630,000	\$ 3,630,000	\$ 3,630,000	\$ 3,630,000	\$ 3,630,000	\$ 3,630,000	r	\$ -	\$ -
025	[Fire Rescue] Mobile Data Computers Replacement	m	\$ 295,735	FY17 MR07	\$ 295,735	\$ 295,735	\$ 295,735	\$ 295,735	\$ 295,735	\$ 295,735			\$ -
026	[Police] Mobile Data Computers Replacement	m	\$ 1,208,576	FY17 MR08	\$ 1,189,311	\$ 1,189,311	\$ 1,189,311	\$ 1,189,311	\$ 1,189,311	\$ 1,189,311			\$ -
027	[Police] Patrol Video Cameras Replacement	m	\$ 672,679	FY17 MR09	\$ 665,548	\$ 665,548	\$ 665,548	\$ 665,548	\$ 665,548	\$ 665,548			\$ -
028	County Server Infrastructure Upgrade	m	\$ 2,264,330	FY17 MR10	\$ 2,328,415	\$ 2,328,415	\$ 2,328,415	\$ 2,328,415	\$ 1,578,415	\$ 1,578,415			\$ (750,000)
029	County Owned Parks Maintenance/Replacement	m	\$ 4,574,332	FY17 MR11	\$ 3,809,470	\$ 3,908,921	\$ 3,908,921	\$ 3,908,921	\$ 3,939,168	\$ 3,939,168			\$ 129,698
030	Instructional Technology	m	\$ 2,875,000	FY17 MR12	\$ 2,875,000	\$ 2,875,000	\$ 2,875,000	\$ 2,875,000	\$ 2,875,000	\$ 2,875,000			\$ -
031	COB McIntire Window Replacement	m	\$ 2,234,952	FY17 MR13	\$ 2,228,656	\$ 2,229,020	\$ 2,229,020	\$ 2,229,020	\$ 2,214,783	\$ 2,214,783			\$ (13,873)
032	Telephony Solution Replacement	m	\$ 545,000	FY17 MR14	\$ 545,000	\$ 545,000	\$ 545,000	\$ 545,000	\$ 545,000	\$ 545,000			\$ -
033	Administrative Technology	m	\$ 1,313,000	FY17 MR15	\$ 1,315,000	\$ 1,315,000	\$ 1,315,000	\$ 1,315,000	\$ 1,315,000	\$ 1,315,000			\$ -
034	GIS Project	m	\$ 123,940	FY17 MR16	\$ 118,440	\$ 118,440	\$ 118,440	\$ 118,440	\$ 118,440	\$ 118,440			\$ -
035	City-County Owned Parks Maintenance/Replacement	m	\$ 921,265	FY17 MR17	\$ 146,103	\$ 161,230	\$ 161,230	\$ 161,230	\$ 159,190	\$ 159,190	r	\$ 88,472	\$ 13,087
036	[Police] Mobile Command Center Replacement	m	\$ 188,593	FY17 MR18	\$ 188,593	\$ 188,593	\$ 188,593	\$ 188,593	\$ 188,593	\$ 188,593			\$ -
037	City-County Owned Facilities Maintenance/Replacement	m	\$ 429,214	FY17 MR19	\$ 306,491	\$ 306,405	\$ 306,405	\$ 306,405	\$ 349,050	\$ 349,050			\$ 42,559
038	Time and Attendance System	m	\$ -	Not Scored	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 151,580			\$ 151,580

[continued on next page]

Reference: Prioritized Projects by Scoring Classification
Referenced in CIP Process for Preparing the Capital Improvement Program

FY 18 PROJECTS BY SCORING CLASSIFICATION (\$ net of transfers)											
<i>Project Status Key:</i> <i>*New Project m-Multi-Year *Referendum</i> <i>Revenue Key:</i> <i>r-Revenue Offset w-Water Resources Revenue</i>											
Line	Status Key	Initial FY 17 CIP Request FY 17-22	FY 17 Ranking with FY 18 Adjustments Bolded	[A] FY 17 CIP 7/6/16 Adopted FY 18-22 Total	[B] FY 18 CIP Revised Request FY 18-22 Total	[C] FY 18 CIP Model TRC/FRC	[D] FY 18 CIP Model OC 02 Recommended	[E] FY 18 CIP Model CE Recomm	[F] FY 18 CIP Model ADOPTED	Revenue Key	[G]=[F]-[A] Comparison FY 17 Adopted to 21YR Fiscal Model*
039											
040											
NON-MAINTENANCE/REPLACEMENT PROJECTS											
041	m	\$ 891,976	FY17 MR20	\$ 746,165	\$ 668,249	\$ 668,249	\$ 668,249	\$ 663,013	\$ 663,013		\$ (83,152)
042	^FY17	\$ -	CNA	\$ -							\$ -
043	^FY 17	\$ 500,000	BOS Adopted	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000		\$ -
044	^FY 17	\$ 95,000	BOS Adopted	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000		\$ -
045	m	\$ 3,220,655	NM01	\$ 11,275	\$ 43,027	\$ 43,027	\$ 43,027	\$ 71,730	\$ 71,730		\$ 60,455
046	m *	\$ 3,940,935	NM02	\$ 2,900,000	\$ 2,937,410	\$ 2,937,410	\$ 2,937,410	\$ 2,848,765	\$ 2,848,765		\$ (51,235)
047		\$ 4,190,362	NM03		\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
048	m *	\$ 37,355,434	NM04	\$ 10,900,000	\$ 10,992,906	\$ 10,992,906	\$ 10,992,906	\$ 10,738,510	\$ 10,738,510		\$ (161,490)
049	m	\$ 33,958,859	NM05	\$ 1,720,000	\$ 1,720,000	\$ 1,720,000	\$ 3,720,000	\$ 3,220,000	\$ 3,220,000		\$ 1,500,000
050	m	\$ 5,149,560	NM06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
051	m	\$ 1,800,000	NM07	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000	\$ 900,000		\$ -
052			FY18 Scored	\$ -	\$ 420,000	\$ -	\$ 420,000	\$ 420,000	\$ 420,000		\$ 420,000
053	^FY18		FY18 Scored	\$ -	\$ 211,900	\$ 211,900	\$ 211,900	\$ 210,150	\$ 210,150		\$ 210,150
054	*	\$ 14,044,429	NM08	\$ 15,200,000	\$ 15,200,000	\$ 15,200,000	\$ 15,200,000	\$ 15,045,524	\$ 15,045,524		\$ (154,476)
055	m *	\$ 7,224,512	NM09	\$ 6,000,000	\$ 6,002,270	\$ 6,002,270	\$ 6,002,270	\$ 5,977,052	\$ 5,977,052	r \$ 5,882,667	\$ (22,948)
056	^FY17	\$ 119,795	NM10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
057	^FY17	\$ 8,803,132	NM11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
058	m	\$ 67,548	NM12	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000		\$ 35,000
059		\$ 11,309,930	NM13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
060		\$ 4,679,628	NM15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
061		\$ 5,437,825	NM16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
062	^FY 18		FY 18 Scored*	\$ -	\$ 2,000,000	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000		\$ 2,000,000
063		\$ 225,000	NM17	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
064		\$ 714,286	NM18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
065		\$ 5,115,777	NM19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
066		\$ 265,000	NM20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
067		\$ 19,604,398	NM21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
068	^		Operating	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
069		\$ 2,289,282	NM23	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
070		\$ 334,950	NM24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
071		\$ 8,535,203	NM25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
072		\$ 1,745,162	NM26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
073	^FY17	\$ 485,162	NM27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
074		\$ 100,000	NM28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
075	m	\$ 5,300,000	NM29	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000	r \$ -	\$ 250,000
076	m	\$ 1,420,148	NM30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
077	^FY17	\$ 613,760	NM31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
078		\$ 663,985	NM32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
079	^FY17	\$ 435,480	NM33	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -

[continued on next page]

Reference: Prioritized Projects by Scoring Classification
Referenced in CIP Process for Preparing the Capital Improvement Program

FY 18 PROJECTS BY SCORING CLASSIFICATION (\$ net of transfers)

FY 18 PROJECTS BY SCORING CLASSIFICATION (\$ net of transfers)				FY 18 CIP (FY 18-22)									
Project Status Key: ^New Project m-Multi-Year *Referendum Revenue Key: r-Revenue Offset w-Water Resources Revenue				FY 17 Ranking with FY 18 Adjustments Bolded	[A] FY 17 CIP 7/6/16 Adopted FY 18-22 Total	[B] FY 18 CIP Revised Request FY 18-22 Total	[C] FY 18 CIP Model TRC/FRC	[D] FY 18 CIP Model OC 02 Recommended	[E] FY 18 CIP Model CE Recomm	[F] FY 18 CIP Model ADOPTED	Revenue Key	FY17 Net Cost to County	[G]=[F]-[A] Comparison FY 17 Adopted to 2YR Fiscal Model+
Line		Status Key	Initial FY 17 CIP Request FY 17-22										
081	NON-MAINTENANCE/REPLACEMENT PROJECTS												
082	Northtown Trail	^FY17	\$ 5,343,750	NM34	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
083	Computer Room Redesign/Government Buildings Network Cable Upgrade	^FY17	\$ 235,840	NM35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
084	Crozet Growth Area Community Park Facilities		\$ 4,503,752	NM36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
085	Fishing Accessibility		\$ 1,004,842	NM37	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
086	Rivanna River Corridor Design Plan		\$ 92,700	NM38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
087	[Police] Evidence Processing and Specialty Vehicle Storage		\$ 3,755,621	NM39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
088	Buck Island Creek Park		\$ 325,629	NM40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
089	Northern Urban Area Community Park		\$ 2,809,308	NM41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
090	Community Recreation Needs Assessment Study	^FY17	\$ 42,436	NM42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
091	Park System Redesign		\$ 291,700	NM43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
092	Hedgerow Property Trail Park		\$ 434,666	NM44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
093	[Police] Tactical Robot		\$ 165,000	NM45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
094	Darden Towle Park Master Plan		\$ 555,623	NM46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
095	South Fork Rivanna Reservoir Boat Access		\$ 1,126,421	NM47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
096	Rivanna Village Park		\$ 454,272	NM48	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
097	Crozet Plaza and Parking Study		\$ 84,170	NM49	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
098	Walnut Creek Park Master Plan		\$ 233,725	NM50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
099	[Fire Rescue] Earlysville Volunteer Fire Company Renovation	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
100	Administration Space	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
101	Bus Stop Enhancements	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
102	CATEC Facility	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
103	Crozet Elementary School Addition	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
104	Stony Point Elementary School Addition	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
105	Western Albemarle High School Addition	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
106	William S. D. Woods Natural Heritage Preserve	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
107	Yancey Elementary School Addition/Renovations	^FY17	\$ -	CNA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
108													
109	Project Management Services												
110	Sidewalk, Hydraulic & Barracks Rd								\$ 70,000	\$ 70,000			\$ 70,000
111	Sidewalk, Ivy Road (US Route 250 West)		N/A		\$ 40,389	\$ 82,619	\$ 82,619	\$ 82,619	\$ 70,528	\$ 70,528			\$ 30,139
112	Sidewalks, Rio Road - Avon St - US Route 250 West		N/A		\$ -	\$ 101,762	\$ 101,762	\$ 101,762	\$ 86,870	\$ 86,870			\$ 86,870
113													
114	Project Total Net of Transfers		\$ 336,661,225			\$ 174,721,514	\$ 172,301,514	\$ 180,334,810	\$ 177,433,950	\$ 177,585,530			\$ 4,088,806
115													

116 *Senior Center at Belvedere: As compared to the FY17 Adopted CIP, the project is a new request and was included in the review process by the request of the BOS. The TRC did review and rank the project for comparison purposes to last year's review cycle, however, the TRC did not believe the project request meets the criteria for submission in the FY18 amendment year and did not recommend it be funded to the Financial Review Committee.

Reference: 2016 Survey of Cash Proffers Accepted by Local Government
Referenced in CIP Relationship to Financial Policies: Proffers

Commission on Local Government

2016 Survey of Cash Proffers Accepted by Local Governments

Date: September 16, 2016

Locality: Albemarle County ☒ City ☐ Town ☐

Name: Rebecca Ragsdale Title: Senior Planner
 Phone: 434-296-5832 Ext. 3226 Fax: 434-972-4126
 Email: rragsdale@albemarle.org

YES	NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Did your locality accept cash proffers at any time during the 2015-2016 Fiscal Year?

If you answered "No" for the 2015-2016 Fiscal Year, additional information is not needed. Please return the survey to the Commission on Local Government as indicated on the next page.

If you answered "Yes" for the 2015-2016 Fiscal Year, provide the following information concerning the cash proffers accepted by your locality: (See definitions on next page.)

1. Total Amount of Cash Proffer Revenue Collected by the Locality during the 2015-2016 Fiscal Year:

FY2015-2016	
\$	1,101,505.02

2. Estimated Amount of Cash Proffers Pledged during the 2015-2016 Fiscal Year and Whose Payment Was Conditioned Only on Time:

\$	0.00
----	------

3. Total Amount of Cash Proffer Revenue Expended by the Locality during the 2015-2016 Fiscal Year:

\$	792,129.11
----	------------

4. Indicate the Purpose(s) and Amount(s) for Which the Expenditures in Number 3 Above Were Made:

Schools	\$ 607,813.90
Roads and Other Transportation Improvements	\$ 155,586.96
Fire and Rescue/Public Safety	\$
Libraries	\$
Parks, Recreation, and Open Space	\$
Water and Sewer Service Extension	\$
Community Centers	\$
Stormwater Management	\$
Special Needs Housing	\$
Affordable Housing	\$ 23,728.25
Miscellaneous	\$ 5,000.00

Total Dollar Amount Expended
(Should Equal Amount in Number 3 Above)

\$	792,129.11
----	------------

Comments: Use additional sheet if necessary.	Miscellaneous category: \$5,000 expended on historical markers.
---	---

Please see other side for instructions.

Reference: 2016 Survey of Cash Proffers Accepted by Local Government
Referenced in CIP Relationship to Financial Policies: Proffers

Commission on Local Government
2016 Survey of Cash Proffers Accepted by Local Governments

Please complete this form and return it to the Commission on Local Government by September 30, 2016, using one of the following methods:

- By Mail: Kristen Dahlman
 Commission on Local Government
 600 E. Main Street, Suite 300
 Richmond, VA 23219
- By Fax: (804) 371-7090
- By Email: A Microsoft Word template of this form may be downloaded at:
<http://www.dhcd.virginia.gov/CommissiononLocalGovernment/pages/cashproffersurvey.htm>
 Once completed, send it by email to: Kristen.Dahlman@dhcd.virginia.gov
- By Online Survey: Link to the survey was provided in a separate email.

Please ensure that only one response is generated for your locality; duplicate responses will require additional staff resources to determine which response is correct.

For any questions, please contact Kristen Dahlman at (804) 371-7017.

DEFINITIONS

Cash Proffer: (i) any money voluntary proffered in a writing signed by the owner of property subject to rezoning, submitted as part of a rezoning application and accepted by a locality pursuant to the authority granted by Va. Code Ann. § 15.2-2303, or § 15.2-2298, or (ii) any payment of money made pursuant to a development agreement entered into under authority granted by Va. Code Ann. § 15.2-2303.1. This does NOT include cash contributions imposed through conditional/provisional/special use permits as authorized by § 15.2-2286 (A)(3).

Cash Proffer Revenue Collected [§15.2-2303.2(D)(1), Code of Virginia]: Total dollar amount of revenue collected from cash proffers in the specified fiscal year regardless of the fiscal year in which the cash proffer was accepted. Unaudited figures are acceptable.

Cash Proffers Pledged and Whose Payment Was Conditioned Only on Time [§15.2-2303.2(D)(2), Code of Virginia]: Cash proffers conditioned only on time (i.e. linked to a specific date or specified time following rezoning approval but NOT an unknown date such as at the time of certificate of occupancy) approved by the locality as part of a rezoning case. Unaudited figures for the specified fiscal year are acceptable.

Cash Proffer Revenue Expended [§15.2-2303.2(D)(3), Code of Virginia]: Total dollar amount of public projects expended with cash proffer revenue in the specified fiscal year. Unaudited figures are acceptable.

Reference: Proffer Fund Report
Referenced in CIP Relationship to Financial Policies: Proffers

UPDATE: 11/8/16 (Data thru 9/30/16)

UPDATE: 11/8/16 (Data thru 9/30/16)

FUND #	PROFFER NAME	TOTAL PROFFERED REVENUE	CASH PROFFERS				APPROPRIATED PROFFERS SUMMARY				NET CASH PROFFERS			
			TOTAL FUNDS RECEIVED	TOTAL INTEREST EARNINGS	TOTAL EXPENDITURES (Transfer to Projects)	CURRENT AVAILABLE FUNDS	APPROPRIATED FUNDS	APPROPRIATED INTEREST EARNINGS	Projects/\$	REMAINING AVAILABLE FUNDS	REMAINING INTEREST EARNINGS	NET CURRENT AVAILABLE FUNDS		
ACTIVE														
8581	5th STREET AVON 3	\$258,950.00	\$276,032.44	\$0.00	\$0.00	\$276,032.44	\$0.00	\$0.00	\$276,032.44	\$0.00	\$276,032.44	\$0.00	\$276,032.44	
8582	5th STREET AVON 5	\$103,580.00	\$110,412.97	\$0.00	\$0.00	\$110,412.97	\$73,815.00	\$0.00	\$36,597.97	\$0.00	\$36,597.97	\$0.00	\$36,597.97	
8547	ALBEMARLE PLACE-STONEFIELD	\$2,610,000.00	\$1,507,000.00	\$5,327.00	(\$1,204,632.87)	\$307,694.13	\$295,367.13	\$332.87	\$7,000.00	\$4,994.13	\$7,000.00	\$4,994.13	\$11,994.13	
8548	AVINITY (CIP)	\$1,439,982.05	\$893,242.66	\$4,627.15	(\$333,500.00)	\$864,369.81	\$823,247.04	\$0.00	\$36,495.62	\$4,627.15	\$36,495.62	\$4,627.15	\$41,122.77	
8548	AVINITY (Affordable Housing)	\$313,500.00	\$99,000.00	\$590.69	\$0.00	\$99,590.69	\$0.00	\$0.00	\$99,000.00	\$590.69	\$99,000.00	\$590.69	\$99,590.69	
8534	AVON PARK	\$59,000.00	\$59,000.00	\$6,131.88	\$0.00	\$65,131.88	\$59,000.00	\$5,596.33	\$0.00	\$0.00	\$0.00	\$535.55	\$535.55	
8536	BELVEDERE STATION	\$400,250.00	\$163,750.00	\$1,311.26	(\$91,737.91)	\$73,323.35	\$6,271.75	\$0.00	\$66,500.00	\$551.60	\$66,500.00	\$551.60	\$67,051.60	
8580	CASCADIA	\$405,000.00	\$21,000.00	\$0.00	\$0.00	\$21,000.00	\$0.00	\$0.00	\$21,000.00	\$0.00	\$21,000.00	\$0.00	\$21,000.00	
8531	ECKERD PHARMACY	\$6,000.00	\$6,000.00	\$36.44	\$0.00	\$6,036.44	\$0.00	\$0.00	\$6,000.00	\$36.44	\$6,000.00	\$36.44	\$6,036.44	
8578	ESTES PARK	\$1,186,729.98	\$760,317.78	\$1,013.61	\$0.00	\$761,331.39	\$417,903.30	\$0.00	\$342,414.48	\$1,013.61	\$342,414.48	\$1,013.61	\$343,428.09	
8578	ESTES PARK (Affordable Housing)	\$218,812.75	\$111,500.59	\$970.61	\$0.00	\$112,471.20	\$0.00	\$0.00	\$111,500.59	\$970.61	\$111,500.59	\$970.61	\$112,471.20	
8520	GLENMORE	\$893,000.00	\$752,000.00	\$129,970.98	(\$875,364.10)	\$6,606.88	\$1,000.00	\$5,589.00	\$0.00	\$17.88	\$0.00	\$17.88	\$17.88	
8521	GLENMORE	\$569,000.00	\$343,800.00	\$56,449.22	(\$375,000.00)	\$25,249.22	\$0.00	\$0.00	\$15,100.00	\$10,149.22	\$15,100.00	\$10,149.22	\$25,249.22	
8523	GRAYROCK	\$62,500.00	\$62,500.00	\$13,326.98	(\$75,826.96)	\$0.02	\$0.00	\$0.00	\$0.00	\$0.02	\$0.00	\$0.02	\$0.02	
8577	GRAYROCK WEST	\$163,690.71	\$208,294.42	\$644.05	(\$104,305.72)	\$104,632.75	\$83,020.00	\$0.00	\$20,968.70	\$644.05	\$20,968.70	\$644.05	\$21,612.75	
8577	GRAYROCK WEST (Affordable Housing)	\$28,650.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
8576	HADEN PLACE	\$82,500.00	\$69,800.00	\$182.47	(\$23,100.00)	\$46,882.47	\$37,132.98	\$0.00	\$9,567.02	\$182.47	\$9,567.02	\$182.47	\$9,749.49	
8527	HOLLYMEAD AREA C	\$210,000.00	\$209,999.75	\$5,773.62	(\$112,442.36)	\$103,331.01	\$99,999.75	\$3,050.04	\$0.00	\$281.22	\$0.00	\$281.22	\$281.22	
8528	HOLLYMEAD AREA D	\$481,000.00	\$481,009.68	\$24,049.04	(\$473,712.00)	\$31,346.72	\$20,085.18	\$11,061.19	\$10.00	\$190.35	\$10.00	\$190.35	\$200.35	
8545	HOLLYMEAD TOWN CENTER A1	\$609,000.00	\$159,000.00	\$1,083.87	(\$28,506.62)	\$131,577.25	\$80,733.69	\$322.73	\$50,000.00	\$520.83	\$50,000.00	\$520.83	\$50,520.83	
8570	KENRIDGE	\$198,000.00	\$138,000.00	\$2,123.42	(\$120,000.00)	\$20,123.42	\$0.00	\$0.00	\$18,000.00	\$2,123.42	\$18,000.00	\$2,123.42	\$20,123.42	
8572	LEAKE (Glenmore) 3-CIP	\$2,133,708.45	\$174,001.69	\$624.44	\$0.00	\$174,626.13	\$174,001.69	\$149.31	\$0.00	\$475.13	\$0.00	\$475.13	\$475.13	
8573	LEAKE (Glenmore) 4-Affordable Housing	\$324,720.00	\$64,969.92	\$94.53	\$0.00	\$65,064.45	\$0.00	\$0.00	\$64,969.92	\$94.53	\$64,969.92	\$94.53	\$65,064.45	
8544	LIBERTY HALL	\$137,600.00	\$134,400.00	\$462.80	(\$128,256.47)	\$6,606.33	\$6,400.00	\$32.22	\$0.00	\$174.11	\$0.00	\$174.11	\$174.11	
8574	LIVNGOOD (CIP)	\$879,837.59	\$481,942.32	\$1,612.77	\$0.00	\$483,555.09	\$438,905.00	\$0.00	\$43,037.32	\$1,612.77	\$43,037.32	\$1,612.77	\$44,650.09	
8574	LIVNGOOD (Affordable Housing)	\$114,595.00	\$53,017.23	\$135.81	\$0.00	\$53,153.04	\$0.00	\$0.00	\$53,017.23	\$135.81	\$53,017.23	\$135.81	\$53,153.04	
8529	MH @ PETER JEFFERSON PLACE	\$346,250.00	\$419,144.85	\$13,092.49	\$0.00	\$432,237.34	\$419,144.85	\$11,619.92	\$0.00	\$1,472.57	\$0.00	\$1,472.57	\$1,472.57	
8538	NORTH POINTE	\$460,000.00	\$400,000.00	\$28,855.56	(\$420,359.50)	\$8,496.06	\$0.00	\$8,451.43	\$0.00	\$44.63	\$0.00	\$44.63	\$44.63	
8537	OLD TRAIL VILLAGE	\$2,328,000.00	\$358,000.00	\$2,877.52	(\$159,829.72)	\$201,047.80	\$0.00	\$0.00	\$200,041.01	\$1,006.79	\$201,047.80	\$1,006.79	\$201,047.80	
8522	OUT OF BOUNDS	\$528,700.84	\$73,715.82	\$0.00	\$0.00	\$73,715.82	\$0.00	\$0.00	\$73,715.82	\$0.00	\$73,715.82	\$0.00	\$73,715.82	
8546	POPLAR GLEN II	\$155,600.00	\$155,601.00	\$400.20	(\$122,699.00)	\$33,302.20	\$0.00	\$0.00	\$32,924.81	\$377.39	\$32,924.81	\$377.39	\$33,302.20	
8579	RIVERSIDE VILLAGE	\$265,981.09	\$30,000.00	\$108.06	\$0.00	\$30,108.06	\$0.00	\$0.00	\$30,000.00	\$108.06	\$30,000.00	\$108.06	\$30,108.06	
8533	STILLFRIED LANE	\$78,000.00	\$78,000.00	\$6,358.41	(\$84,341.07)	\$17.34	\$0.00	\$0.00	\$0.00	\$17.34	\$0.00	\$17.34	\$17.34	
8526	THE LOFTS AT MEADOWCREEK	\$72,000.00	\$52,000.00	\$0.00	\$0.00	\$52,000.00	\$0.00	\$0.00	\$52,000.00	\$0.00	\$52,000.00	\$0.00	\$52,000.00	
8525	UVA RESEARCH PARK	\$78,178.00	\$78,178.00	\$899.86	(\$79,500.00)	\$117.86	\$0.00	\$117.72	\$0.00	\$0.14	\$0.00	\$0.14	\$0.14	
8535	WESTERN RIDGE	\$5,000.00	\$5,159.12	\$857.46	(\$6,016.58)	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.00)	\$0.00	(\$0.00)	(\$0.00)	
8541	WESTHALL (1.1)	\$90,000.00	\$91,000.00	\$3,237.57	(\$33,728.70)	\$40,508.87	\$0.00	\$0.00	\$40,000.00	\$508.87	\$40,000.00	\$508.87	\$40,508.87	
8542	WESTHALL (1.2)	\$30,000.00	\$37,000.00	\$1,076.32	(\$17,896.30)	\$20,180.02	\$9,829.10	\$29.61	\$10,170.90	\$150.41	\$10,170.90	\$150.41	\$10,321.31	
8543	WESTHALL (3.3)	\$3,000.00	\$3,000.00	\$184.77	\$0.00	\$3,184.77	\$3,000.00	\$170.90	\$0.00	\$13.87	\$0.00	\$13.87	\$13.87	
8540	WICKHAM POND	\$345,161.67	\$310,622.90	\$4,661.55	(\$284,329.70)	\$30,954.75	\$30,538.17	\$0.00	\$0.00	\$416.58	\$0.00	\$416.58	\$416.58	
8549	WICKHAM POND II	\$405,000.00	\$210,355.62	\$923.89	(\$104,802.84)	\$106,476.67	\$53,996.00	\$0.00	\$52,456.78	\$923.89	\$52,456.78	\$923.89	\$53,380.67	
8575	WILLOW GLEN	\$3,399,856.12	\$434,308.74	\$1,365.90	(\$54,129.19)	\$381,545.45	\$329,293.90	\$0.00	\$50,885.65	\$1,365.90	\$50,885.65	\$1,365.90	\$52,251.55	
TOTAL		\$48,872,326.45	\$10,134,506.09	\$347,434.36	(\$5,504,343.77)	\$4,977,596.68	\$3,387,969.53	\$46,523.27	\$1,506,775.85	\$36,328.03	\$1,506,775.85	\$36,328.03	\$1,543,103.88	