

DEBT SERVICE FUND

Description

The Debt Service Fund is used to accumulate financial resources for the payment of interest and principal on all general obligation debt of the County. The debt service on revenue bonds issued by the County's Water and Sewer utility is paid and accounted for within the Enterprise Fund. The debt service on bonds issued by the James River Juvenile Detention Center (JRJDC) Commission is paid and accounted for within the Agency Fund. The County's authority to issue general obligation debt secured solely by the pledge of its full faith and credit is provided by the Constitution of Virginia and the Public Finance Act. There are no limitations imposed by State law or local ordinance on the amount of general obligation debt that may be issued either directly or indirectly. However, with certain exceptions, all debt, which is secured by the general obligation of a county, must be approved at public referendum prior to issuance.

The process of issuing general obligation bonded debt in the County begins with the departments' presentation of capital expenditure needs to the County Manager, who then presents recommendations for funding to the Board of Supervisors. The Board of Supervisors must approve of any debt issue before it is placed on the ballot. Then County citizens must vote on the bond referendum and if the bond referendum is approved the debt can be issued. While there are, no limitations imposed by State law, the County utilizes debt guidelines (described herein) to ensure that debt service payments do not impact current operations.

The County is projected to have total outstanding general debt of \$479,050,000 as of June 30, 2017. This reflects the projected issuance of \$114,600,000 of General Obligation (G.O.) Bonds; the first issuance of the November, 2016 Bond Referendum. The distribution of the debt is: \$425,230,000 of G.O. bonds (\$319,245,642 for Schools and \$105,984,358 for General Government), \$14,030,000 of Industrial Development Authority (IDA) bonds for the regional jail project, \$795,000 of IDA bonds for General Government projects, \$8,395,000 of Virginia Public School Authority (VPSA) bonds, and \$30,600,000 for Lease/Revenue bonds for the replacement of the County's 800mhz Public Safety Communications System. In previous years, the debt from the construction of the James River Juvenile Detention Center (JRJDC) was included in the projected outstanding debt total. However, the last payment on those bonds was in FY2015-16. Another way to view the \$479,050,000 projected outstanding debt is \$327,640,642 or 68.4 percent is attributed to Education projects and \$151,409,358 or 31.6 percent is attributed to General Government projects.

In order to ensure that the County does not exceed its ability to service current and future debt requirements, an annual long-term debt affordability analysis is performed and utilized as a forecasting tool when confronted with the question of potential debt issues. The County has established the following debt affordability guidelines – debt service as a percentage

Annual Fiscal Plan

Description	FY16 Actual	FY17 Original	FY18 Proposed	Change 17 to 18
Principal Payments	\$ 38,605,000	\$ 41,350,000	\$ 39,365,000	(4.8%)
Interest Payments	17,459,548	17,107,646	18,347,829	7.2%
Other Debt Expenses	21,887	50,000	50,000	0.0%
Total	\$ 56,086,435	\$ 58,507,646	\$ 57,762,829	(1.3%)
General Government	\$ 21,136,948	\$ 25,214,873	\$ 24,017,460	(4.7%)
Education	34,949,487	33,292,773	33,745,369	1.4%
Total Budget	\$ 56,086,435	\$ 58,507,646	\$ 57,762,829	(1.3%)

Debt Service Fund (cont'd)

of General Fund Expenditures, 7.75%; debt service as a percentage of assessed value, 1.49%; and debt per capita, \$1,650.

The Board of Supervisors established the debt guidelines in the FY1998-99 Annual Fiscal Plan, which were reaffirmed during growth retreats held in the summer of 2004. Following these guidelines has allowed the County to meet its infrastructure needs without sacrificing other operational requirements.

Following are three of the ratios that are calculated in the debt capacity analysis, which was most recently completed in February 2017. The ratio of **net bonded debt to total assessed value** is a standard measure of the County's ability to meet interest and principal payments on its long-term debt. The County has a ratio of **1.22%** in FY2016-17. The **ratio of debt service to General Fund expenditures** measures the percentage of the budget used to pay debt service and provides a measure of the annual demands placed on the operating budget by the County's long-term debt. This ratio is **6.73%** in FY2016-17. **Net bonded debt per capita** is the amount of debt outstanding divided by the number of County residents. The amount of debt per capita in FY2016-17 is **\$1,444**.

The County's bond ratings are as follows:

- **Moody's Investors Service: Aaa**
- **Standard & Poor's: AAA**
- **Fitch IBCA: AAA**

As a note, Henrico is 1 of only 44 localities in the United States to hold the highest rating from each of the three bond rating agencies, which is referred to as a triple AAA bond rating (Aaa, AAA, and AAA).

Budget Highlights

The budget for the Debt Service fund is \$57,762,829 which reflects a 1.3 percent decrease when compared to the FY2016-17 Approved Budget. Of the total, \$39,365,000 is payment towards the principal amount owed, \$18,347,829 is interest owed on the debt, and \$50,000 fees paid related to the service of the debt.

Another way to view the debt service anticipated to be paid in FY2017-18 is by service area, of which \$33,745,369 is payment on Education debt, \$20,287,617 is payment on debt related to

General Government functions, and \$3,729,843 is debt related to Public Works projects.

As noted earlier, this budget does not include debt related to the Water and Sewer Enterprise Fund. The debt service payments for those functions are included in their respective budgets.

In November, 2016, the County had a General Obligation Bond Referendum that was overwhelmingly approved by the citizens of the County. The amount approved was \$419,800,000 for projects in Schools, Fire, Recreation and Parks, Libraries, and Public Works. The FY 2017-2018 Capital Budget includes \$114,600,000 in bond projects as a result of the November 2016 referendum.

There are three types of debt the County has issued over the past 18 years that the County will pay debt service on in FY2017-18: General Obligation (G.O.) Bonds, Virginia Public School Authority (VPSA) Bonds, and Lease/Revenue Bonds.

General Obligation (G.O.) Debt

Of the total debt service in FY2017-18, \$46,905,100 is related to General Obligation (G.O.) Bonds. This debt vehicle is issued against the full faith and credit of the County and must be approved by the voters of Henrico. All the debt service related to G.O. Bonds is for debt issued as part of two referenda: November 2000 and March 2005.

In November 2000, the County's voters approved a \$237,000,000 G.O. Bond Referendum. The referendum included projects for Schools, Fire, Public Library, Public Works – road projects, and Recreation and Parks. Of the total \$237,000,000 referendum approved by the voters, Education projects totaled \$170,500,000 and General Government projects totaled \$66,500,000. The financing plan that supported the 2000 G.O. Bond Referendum utilized \$12,600,000 in VPSA interest earnings and \$4,100,000 from the County's General Fund balance.

The G.O. Bond referendum approved in November 2000, anticipated the issuance of G.O. Bonds over a seven-year period from FY2000-01 to FY2006-07. G.O. Bonds were issued six times over a seven-year

Debt Service Fund (cont'd)

period with the final issue in November 2006. The following table provides a summary of each G.O. Bond issue.

Fiscal Year	Amount	Issue Date
FY2000-01	\$37,110,000	May 2001
FY2001-02	\$27,035,000	February 2002
FY2002-03	\$50,230,000	January 2003
FY2003-04	\$38,920,000	May 2004
FY2005-06	\$46,729,550	August 2005
FY2006-07	\$33,169,057	November 2006

On March 8, 2005, the County voters approved a \$349,300,000 General Obligation (G.O.) Bond Referendum. The referendum included projects for Schools, Fire, Public Library, Public Works – one road project - and Recreation and Parks. Of the total \$349,300,000 referendum approved by the voters.

Education projects totaled \$220,000,000 and General Government projects totaled \$129,300,000. The financing plan funded the projects over a seven-year period instead of a six-year period. By stretching the period of debt issuance over seven years, the debt service and operating costs for these projects came on line more slowly and allowed the maximum use of incremental County resources. The following table provides a summary of each G.O. Bond issue.

Fiscal Year	Amount	Issue Date
FY2005-06	\$31,085,450	August 2005
FY2006-07	\$38,745,943	November 2006
FY2007-08	\$29,810,000	January 2008
FY2008-09	\$93,090,000	November 2008
FY2009-10	\$0	Delayed to FY11.
FY2010-11	\$72,205,000	July 2010
FY2011-12	\$66,075,000	August 2011

Because of the difficult economic environment, the County chose to take the prudent approach and delay the planned FY2009-10 issuance of G.O. Bonds one year, to FY2010-11. This decision also pushed back the originally planned bond issues for FY2010-11 and FY2011-12 one year as well.

In November 2016, the County voters approved a \$419,800,000 General Obligation (G.O.) Bond Referendum for projects in Schools, Fire, Recreation and Parks, Libraries, and Public Works-road project. Of the total \$419,800,000 referendum approved by the

voters, Education projects totaled \$272,600,000 and General Government's total was 147,200,000.

In the FY2017-18 budget it will reflect the first appropriation, from this referendum, in the amount of \$114,600,000. This will be the first appropriation of six appropriations for the General Government and the first of 5 appropriations for Education. The payment reflected in FY2017-18 is nine (9) months of interest only and the FY2018-19 budget will pick up the total payment of principal and interest.

VPSA Bonds

The second debt instrument utilized that the County will pay debt service on in FY2017-18 is debt issued through the Virginia Public School Authority. VPSA Bonds may only be utilized for school improvements, but do not require a vote of the citizens to issue. However, the debt issued is recorded as a liability therefore is included when calculating the County's debt affordability.

There are two VPSA Bond issues for which debt service in the amount of \$2,926,010 will be paid in FY2017-18: one in 1999 for \$35,740,000 and one in 2000 for \$15,215,000. There was a third VPSA issue in 2008 for \$44,440,000 but that was included in the March, 2015 refunding and is now reflected as G.O. debt.

Lease/Revenue Bonds

The third debt instrument utilized that the County will pay debt service on in FY2017-18 is lease/revenue bonds issued through the then Industrial Development Authority, now known as the Henrico Economic Development Authority. These bonds were initially issued in 1996 and 1998 in the amounts of \$28,765,000 and \$24,765,000 respectively and utilized to build the County's Emergency Communications and Training Center, renovate what became the Public Safety Building, purchase an 800 MHz Communication System, renovate several facilities and enhance the County's technology systems. In 2009, the County refunded the balance of these bonds to achieve savings on these bonds (more details follow). However, in 2016 The County secured a direct bank 10-year lease revenue bond in the amount of \$34,000,00, which will partially fund the new 800 MHz communication system. The total project for the communication system is \$47,482,181.

Debt Service Fund (cont'd)

Bond Refunding's

During the economic downturn, the County reviewed each coupon of debt issued to try to find savings in debt service costs. Water and Sewer Enterprise Fund realized a savings of \$20,500,000 through targeted refunding efforts.

In the General Fund, since 2009, the County has saved \$17,740,000. The following table provides a summary of those savings.

Refunding Date	Bond Types	Amount	Savings
May, 2009	G.O. Bonds - 2001,2002	33,785,000	1,840,000
August, 2009	IDA Lease Revenue Bonds - 1996,1998,1999	36,425,000	5,150,000
May, 2010	G.O. Bonds - 2003, 2004,2005,2006,2008,2008A	119,735,000	5,100,000
September, 2012	G.O. Bonds - 2005,2006,2010A	37,500,000	2,360,000
March, 2015	G.O. Bond - 2008A and VPSA Bond-2008	50,485,000	3,290,000
	Total-Refunding	277,930,000	17,740,000



**Department Operating Budget
Henrico County, Virginia
FY2017-18
DEBT SERVICE**

Account	Description	Prior Year Actuals	Approved Budget	Proposed Budget	Dollar Inc./Dec.	Percent Inc./Dec.
50900	Principal	38,605,000	41,350,000	39,365,000	(1,985,000)	(4.8%)
50901	Interest	17,459,548	17,107,646	18,347,829	1,240,183	7.2%
50902	Other Debt Service Costs	21,427	50,000	50,000	0	0.0%
Total Department		56,085,975	58,507,646	57,762,829	(744,817)	(1.3%)
18001 Debt Service - General Government						
50900	Principal	12,334,007	15,928,213	15,058,560	(869,653)	(5.5%)
50901	Interest	5,285,106	5,743,481	5,179,057	(564,424)	(9.8%)
50902	Other Debt Service Costs	21,427	50,000	50,000	0	0.0%
Total Cost Center		17,640,540	21,721,694	20,287,617	(1,434,077)	(6.6%)
18004 Debt Service - Public Works						
50900	Principal	2,381,964	2,462,816	2,818,645	355,829	14.4%
50901	Interest	1,113,984	1,030,363	911,198	(119,165)	(11.6%)
Total Cost Center		3,495,948	3,493,179	3,729,843	236,664	6.8%
18005 Debt Service - Education						
50900	Principal	23,889,029	22,958,971	21,487,795	(1,471,176)	(6.4%)
50901	Interest	11,060,458	10,333,802	12,257,574	1,923,772	18.6%
Total Cost Center		34,949,487	33,292,773	33,745,369	452,596	1.4%