

# County Administrator's Proposed FY 2020 – FY 2029 Capital Improvement Program (CIP)

Board of Supervisors Meeting

January 22, 2019

# Agenda

- County Administrator's Opening Remarks
- FY 2020 – FY 2029 Project Highlights
- FY 2020 – FY 2029 Funding Overview
- FY 2020 – FY 2029 Debt Information
- Next Steps

# County Administrator's Opening Remarks

# Proposed FY 2020 – FY 2029 CIP Project and Funding Priorities

- Maintenance of existing facilities
- Investments in public infrastructure and technology
- Incorporation of Roanoke County Public Schools (RCPS) projects into the ten-year CIP
- Continued diversification of funding sources

# FY 2020 – FY 2029 Capital Improvement Program County Project Highlights

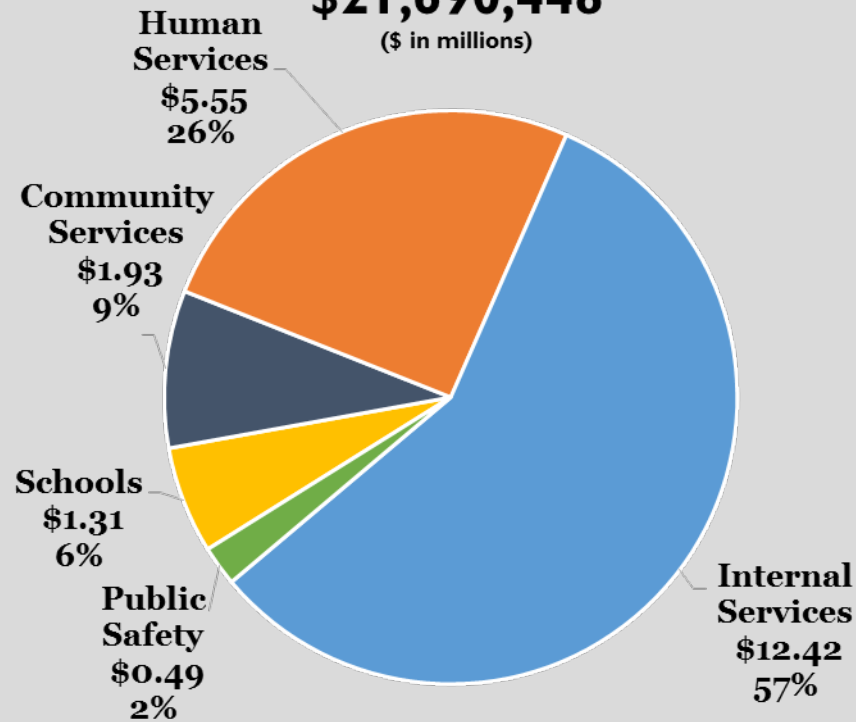
# Proposed FY 2020 – FY 2029 CIP Ten-Year Program and Project Definition

- **Ten-year plan for County and Schools capital infrastructure needs**
  - First year (FY 2020) appropriated by the Board of Supervisors
  - Years two-ten (FY 2021 – FY 2029) are a planning document
- **Capital Improvement Program updated annually**
- **Balanced ten-year plan – all projects have identified funding**
- **A capital project is generally defined as:**
  - Useful life of five or more years
  - Minimum cost of \$100,000
  - If funded by a bond, useful life must be equal or exceed the length of bond

# Proposed FY 2020 – FY 2029 CIP Summary of Projects by Functional Team

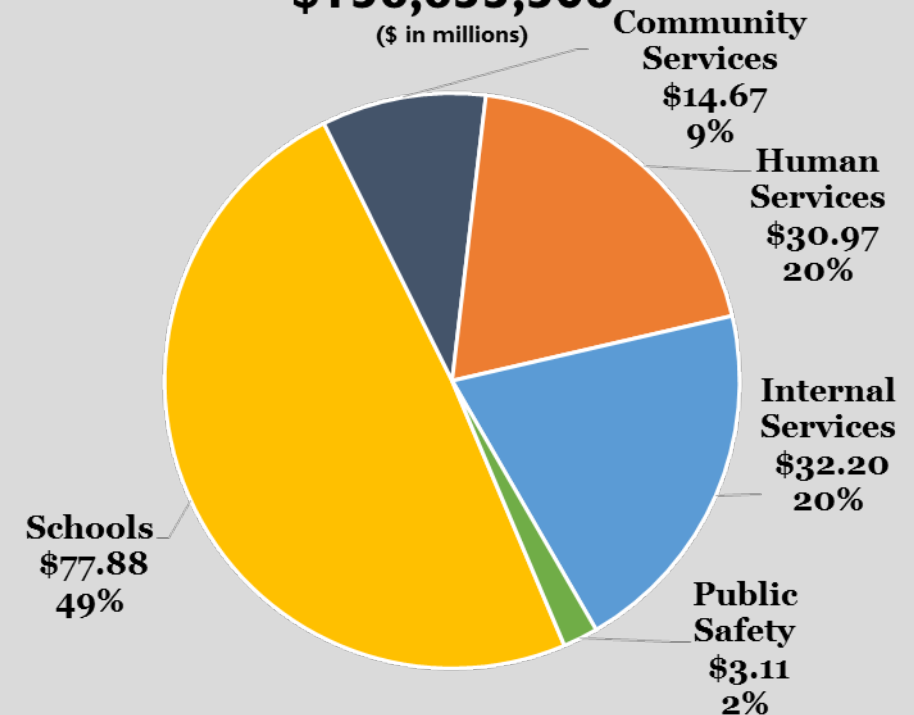
**FY 2020 Only**  
**Projects by Schools and Functional Team**

**\$21,690,448**  
(\$ in millions)



**FY 2020 – FY 2029**  
**Projects by Schools and Functional Team**

**\$158,833,568**  
(\$ in millions)



# Proposed FY 2020 CIP Projects

## Multi-Modal Transportation & Stormwater (\$6.29 M)

Proposed Projects	FY 2020 Proposed Funding
Buck Mountain Rd. / Starkey Rd. Intersection	\$250,000
Minor Transportation and Planning Studies	\$80,000
West Roanoke River Greenway	\$4,542,105
East Roanoke River Greenway	\$366,606
Merriman Road Drainage Improvements	\$250,000
Storm Drainage Maintenance of Effort	\$200,000
MS4 Best Management Practices Construction	\$600,000
<b>Total, Multi-Modal Transportation &amp; Stormwater</b>	<b>\$6,288,711</b>





# Proposed FY 2020 CIP Projects Technology (\$1.08 M)

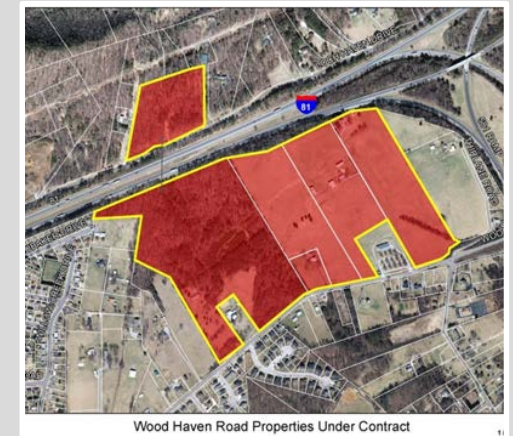
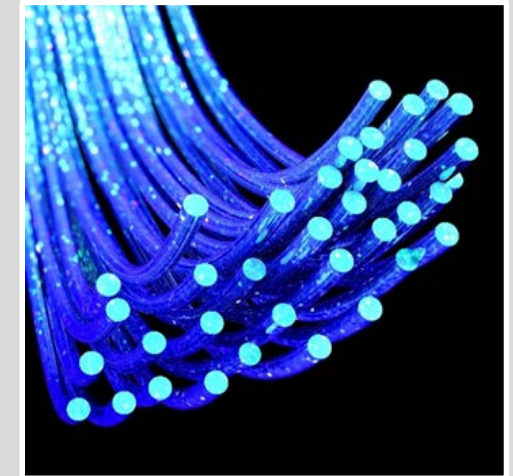
Proposed Projects	FY 2020 Proposed Funding
Human Resources and Payroll Modules	\$542,139
Countywide Computer Replacement Program	\$275,000
Information Technology Infrastructure Replacement Program	\$225,000
Countywide Library Public Use Computer Replacement Plan	\$41,000
<b>Total, Technology</b>	<b>\$1,083,139</b>



# Proposed FY 2020 CIP Projects

## Economic Development (\$0.55 M)

Proposed Projects	FY 2020 Proposed Funding
Roanoke County Broadband Initiative	\$382,978
Woodhaven Property Acquisition and Improvements	\$162,800
<b>Total, Economic Development</b>	<b>\$545,778</b>



# Proposed FY 2020 CIP Projects

## Public Safety (\$0.39 M)

Proposed Projects	FY 2020 Proposed Funding
Digital Microwave Ring Replacement	\$325,000
Fire and Rescue Ballistic Body Armor	\$67,000
<b>Total, Public Safety</b>	<b>\$392,000</b>



# Proposed FY 2020 CIP Projects

## County Facilities (\$12.07 M)

Proposed Projects	FY 2020 Proposed Funding
General Services Capital Maintenance Program	\$675,000
Parks, Recreation and Tourism Capital Maintenance Program	\$600,000
Sheriff's Office Capital Maintenance Program	\$95,000
Public Service Center Facility (Phase I)	\$10,000,000
Bent Mountain Community Center (Phase I)	\$700,000
<b>Total, County Facilities</b>	<b>\$12,070,000</b>



# Proposed FY 2021 – FY 2029 CIP Projects

## Project Highlights (\$60.58 million)

- Completion of Phase II of the Public Service Center (\$3.7 M in FY 2023)
- Replacement of Hollins Library (\$17.5 M in FY 2027- FY 2029)
- Increased investments in Capital Maintenance Programs (CMP) for General Services, Parks, Recreation, and Tourism, and Sheriff's Office facilities
- Continued investment in transportation and stormwater infrastructure
- Technology improvements to enhance service delivery to employees and citizens

# Proposed FY 2020 – FY 2029 CIP Projects not Funded

- Over \$13.5 million in County project requests submitted but not included
- Many of the requests that were not funded were facilities related
- Facilities related projects may be considered in future CIPs pending the prioritization of projects identified in the Facilities Assessment
- Reason for projects not being funded include: lack of defined project scope, limited available funding, and required regional cooperation
- A complete list of projects not funded can be found on pages 129-132 of the Proposed FY 2020 – FY 2029 CIP document

# FY 2020 – FY 2029 Capital Improvement Program Roanoke County Public Schools Project Highlights

# Proposed FY 2020 – FY 2029 CIP Projects Roanoke County Public Schools (\$77.9 M)

Proposed Projects	FY 20 Proposed	FY 21-FY 29 Proposed
Cave Spring HS (fully funded, \$44.0 M)	---	---
Capital Maintenance Program	\$1,000,000	\$9,000,000
HR Payroll System and DAX Upgrade	\$310,820	\$541,680
William Byrd HS (FY 21-22)	---	\$21,252,140
Hidden Valley MS (FY 22-24)	---	\$13,182,797
Burlington Elementary (FY 24-25)	---	\$5,300,199
Glenvar Elementary (FY 24-25)	---	\$6,192,631
WE Cundiff Elementary (FY 26-27)	---	\$10,036,373
Glen Cove Elementary (FY 27-28)	---	\$11,061,834
<b>Total, Roanoke County Public Schools</b>	<b>\$1,310,820</b>	<b>\$76,567,654</b>





# FY 2020 – FY 2029 Capital Improvement Program Funding Overview

# Proposed FY 2020 – FY 2029 CIP Funding Overview

Capital Projects Funding Source	Description
Roanoke County Unrestricted Cash	Cash from County sources such as a General Govt. Fund Transfer, Debt Fund, Capital Reserves, sale of assets, project close-out, etc.
Roanoke County Restricted Cash	Cash sources restricted in their use from funds such as the Economic Development Fund and Communications/IT Fund
Non-County Funding Sources	Grants, Other City/County Contributions, Private Capital Contributions
Lease/Revenue Bonds	Bonds issued and backed by the full faith and credit of the County for infrastructure investments
Schools Cash	Cash from RCPS sources such as the Debt Fund and Capital Reserves
Schools VPSA Bonds	Virginia Public Schools Authority Bonds issued for major RCPS projects

*Additional detail on summary funding sources can be found on pages 7-13 of the proposed CIP document.*

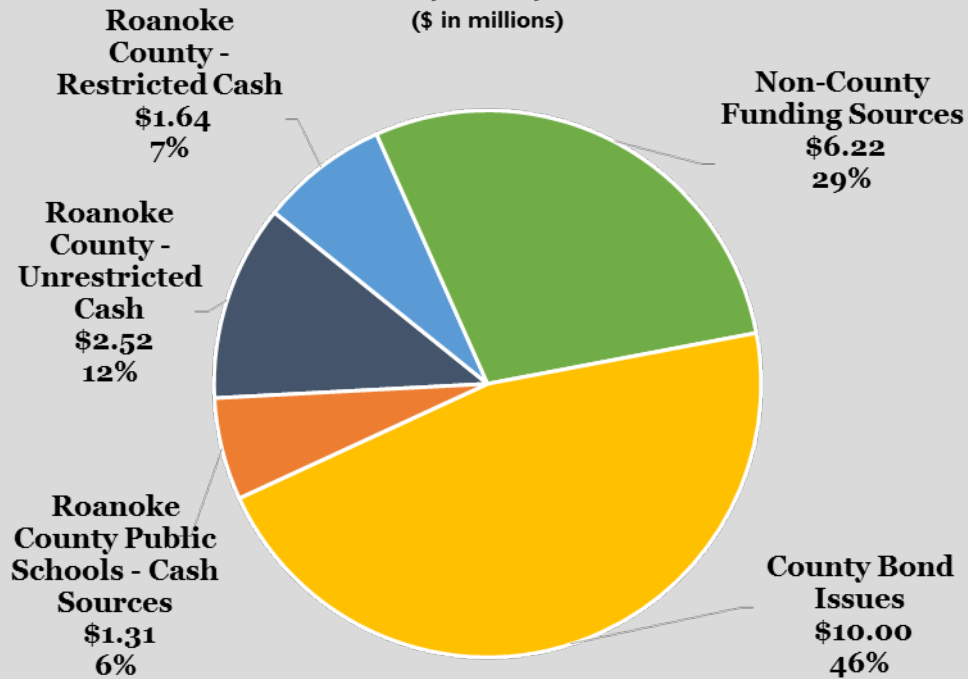
# Proposed FY 2020 – FY 2029 CIP Funding Overview

## FY 2020 Only

### County and Schools Funding Sources

**\$21,690,448**

(\$ in millions)

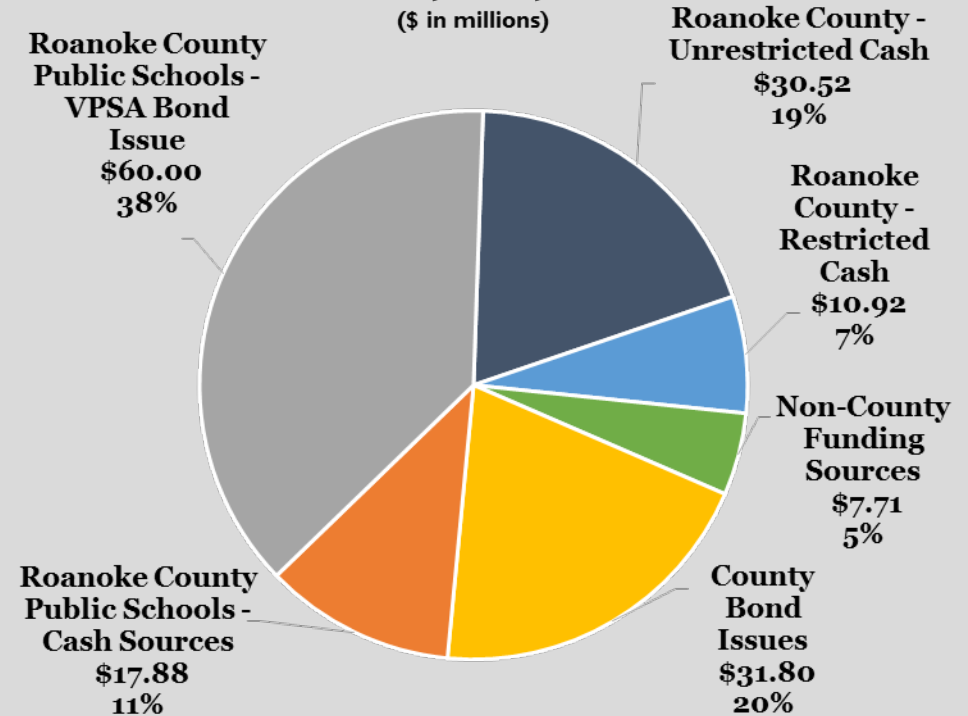


## FY 2020 – FY 2029

### County and Schools Funding Sources

**\$158,833,568**

(\$ in millions)



# Proposed FY 2020 – FY 2029 CIP Funding Overview

	County FY 2020 – FY 2029		Schools FY 2020 - 2029	
Funding Source	Amount	% of Total	Amount	% of Total
Cash Sources	\$49,151,094	60.7%	\$17,878,474	23.0%
Bonds	\$31,804,000	39.3%	\$60,000,000	77.0%
Total	\$80,955,094	100.0%	\$77,878,474	100.0%

- FY 20 County Only - \$10,379,328 Cash (50.9%) / \$10,000,000 Bonds (49.1%) / \$20,379,628 Total
- FY 20-29 County and Schools - \$67,029,568 Cash (42.2%) / \$91,804,000 Bonds (57.8%) / \$158,833,568 Total

# Proposed FY 2020 – FY 2029 CIP Proposed Bonds

Type of Bond	Fiscal Year	Proposed Bonded Projects	Amount
Lease/Revenue	FY 2020	Public Service Center	\$10,000,000
Lease/Revenue	FY 2023	Public Service Center (\$3.7 M), Explore Park (\$1.3 M)	\$5,004,000
Lease/Revenue	FY 2026	<i>“Banked” for FY 2029</i>	---
Lease/Revenue	FY 2029	Hollins Library	\$16,800,000
<b>Total, Lease / Revenue Bonds</b>			<b>\$31,804,000</b>
VPSA Bonds	FY 2021-2022, FY 2024-2025, FY 2027-2028	William Byrd High School, Hidden Valley Middle School, Burlington Elementary, Glenvar Elementary, WE Cundiff Elementary, Glen Cove Elementary	\$60,000,000
<b>Total, VPSA Bonds</b>			<b>\$60,000,000</b>

- Based on the adopted Comprehensive Financial Policy, the County has \$8,196,000 in additional bond capacity that may be programmed at a later date

# FY 2020 – FY 2029 Capital Improvement Program Debt Information

# Proposed FY 2020 – FY 2029 CIP Debt Information

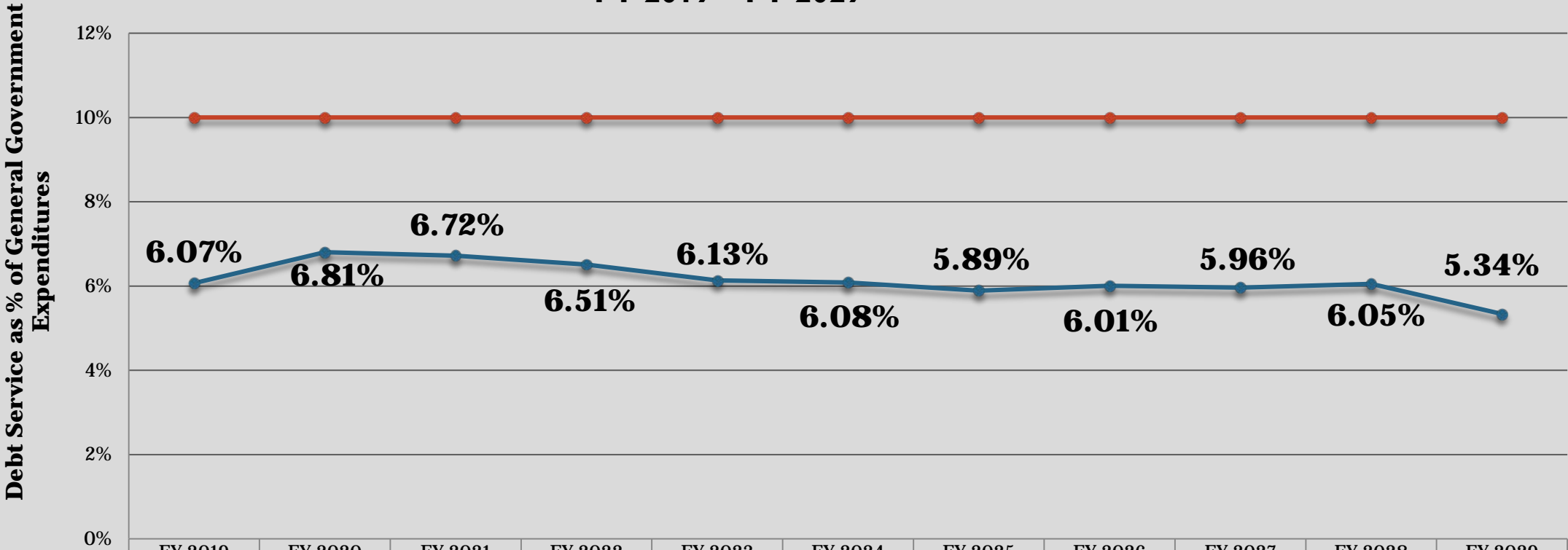
**Board of Supervisors adopted debt ratios included in the Comprehensive Financial Policy must be adhered to in each year of the balanced ten-year plan**

Ratio	Limit	FY 2018 Actual	FY 2019 Projected	FY 2020 Projected
Debt Service as a Percentage of General Govt. Expenditures	<b>10.0%</b>	6.57%	6.07%	6.81%
Outstanding Debt as a Percentage of Taxable Assessed Value	<b>3.0%</b>	1.58%	1.71%	1.65%

**Includes all County and Schools outstanding debt and debt service**

# Proposed FY 2020 – FY 2029 CIP Debt Ratios

**Debt Service as a Percentage of General Government Expenditures  
FY 2019 – FY 2029**

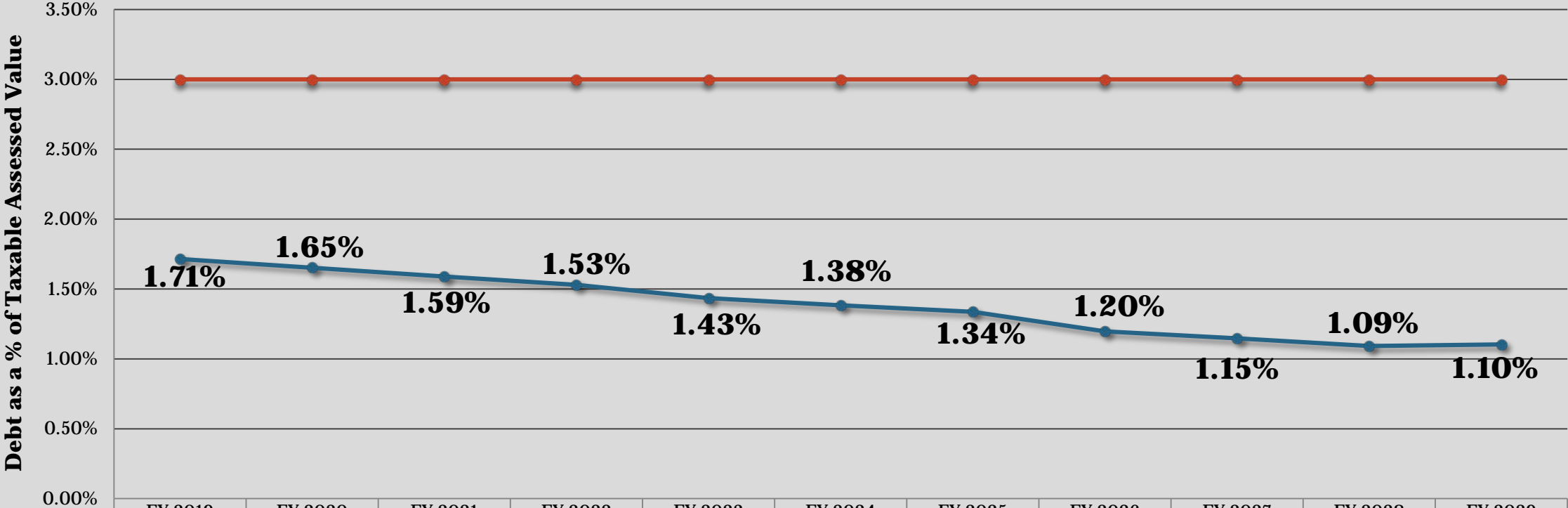


	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
With Projected Debt	6.07%	6.81%	6.72%	6.51%	6.13%	6.08%	5.89%	6.01%	5.96%	6.05%	5.34%
Limit	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%



# Proposed FY 2020 – FY 2029 CIP Debt Ratios

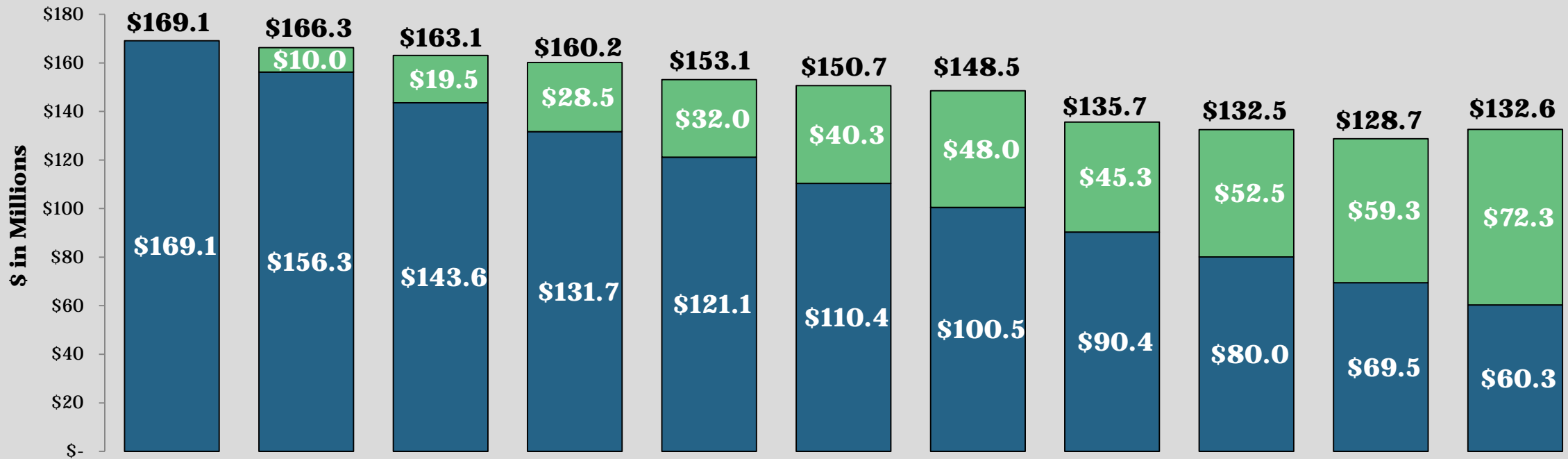
**Debt as a Percentage of Taxable Assessed Value  
FY 2019 – FY 2029**



	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
With Projected Debt	1.71%	1.65%	1.59%	1.53%	1.43%	1.38%	1.34%	1.20%	1.15%	1.09%	1.10%
Limit	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

# Proposed FY 2020 – FY 2029 CIP Outstanding Debt Projections

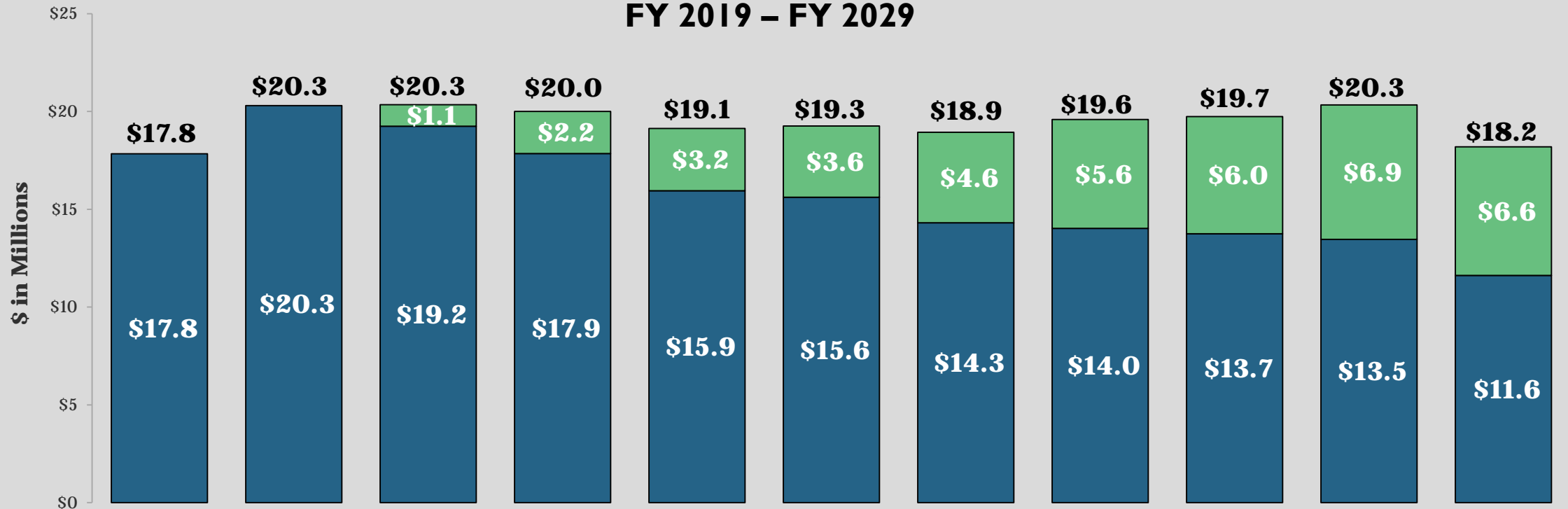
## Existing and Planned Outstanding Debt FY 2019 – FY 2029



	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
New Debt Issuance - County	\$ -	\$ 10,000,000	\$ -	\$ -	\$ 5,004,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,800,000
New Debt Issuance - Schools	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -	\$ 10,000,000	\$ 10,000,000	\$ -
Existing Debt Outstanding (FY 19)	\$ 169,124,175	\$ 156,259,888	\$ 143,570,490	\$ 131,678,052	\$ 121,139,551	\$ 110,421,182	\$ 100,496,388	\$ 90,379,832	\$ 80,041,160	\$ 69,480,000	\$ 60,305,000
New Debt Outstanding (FY 19-29)	\$ -	\$ 10,000,000	\$ 19,500,000	\$ 28,500,000	\$ 32,004,000	\$ 40,253,800	\$ 48,003,600	\$ 45,253,400	\$ 52,503,200	\$ 59,253,000	\$ 72,302,800
<b>Total Debt Outstanding</b>	<b>\$ 169,124,175</b>	<b>\$ 166,259,888</b>	<b>\$ 163,070,490</b>	<b>\$ 160,178,052</b>	<b>\$ 153,143,551</b>	<b>\$ 150,674,982</b>	<b>\$ 148,499,988</b>	<b>\$ 135,633,232</b>	<b>\$ 132,544,360</b>	<b>\$ 128,733,000</b>	<b>\$ 132,607,800</b>

# Proposed FY 2020 – FY 2029 CIP Outstanding Debt Projections

**Projected Debt Service  
FY 2019 – FY 2029**



	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Existing (through FY 2019)	\$17,834,555	\$ 20,298,126	\$19,245,790	\$ 17,852,682	\$ 15,949,397	\$ 15,614,500	\$ 14,311,621	\$ 14,020,290	\$13,746,755	\$13,458,210	\$ 11,622,678
Planned (After FY 2019)	\$ -	\$ -	\$ 1,100,000	\$ 2,155,000	\$ 3,180,000	\$ 3,640,440	\$ 4,620,428	\$ 5,570,416	\$ 5,990,404	\$ 6,880,392	\$ 6,570,200

# Proposed FY 2020 – FY 2029 CIP Debt Information – Comparative Jurisdictions

Debt Ratio	Roanoke County	Comparative Jurisdictions			AAA Rated Jurisdictions			
		Roanoke City	Lynchburg City	Hanover County	Arlington (AAA)	Alexandria (AAA)	Charlottesville (AAA)	Virginia Beach (AAA)
Debt Service as a % of General Government Expenditures Limit	<b>10%</b>	10%	N/A	10%	10%	12%	10%	10%
Debt as a % of Taxable Assessed Value Limit	<b>3%</b>	4%	4.5%	2.5%	3%	2.5%	N/A	3.5%

# Next Steps

# Capital and Operating Budget Development Next Steps – Work Sessions/Briefings

Item	2019 Date
Briefing – County Administrator’s Proposed FY 2020 – 2029 Capital Improvement Program	January 22
Work Session – FY 2019 Mid-Year Revenue & Expenditure Update	January 22
Work Session – FY 2019 – 2020 Revenue Outlook; County Fees & Charges Compendium	February 12
Work Session – FY 2020 – 2029 Capital Improvement Program	February 26
Briefing – County Administrator’s Proposed FY 2020 – 2029 Operating Budget	March 12
Work Session – Total Compensation, Outside Agencies, Revenue Update	March 26
Work Session – Departmental Budgets, Other General Fund Budgets	April 9
Work Session – Schools, CIP, Debt, Other/Follow-Up Items	April 23

**Additional work sessions may be added at the discretion of the Board of Supervisors**

# Capital and Operating Budget Development Next Steps – Board Items

Item	2019 Date
County Administrator's Recommended FY 2020-2029 CIP	January 22
County Administrator's Recommended FY 2019-2020 Operating Budget	March 12
Public Hearing: Effective Tax Rate Public Hearing: Maximum Tax Rate Adoption of Maximum Tax Rate	March 26
Public Hearing: Tax Rate Adoption Public Hearing: Operating and Capital Budgets (first of two) Adoption of 2019 Tax Rates	April 9
Public Hearing: Operating and Capital Budgets (second of two) 1 <sup>st</sup> Reading of FY 2019-2020 Operating and Capital Budget Ordinances	May 14
2 <sup>nd</sup> Reading and Adoption of FY 2019-2020 Operating and Capital Budget Ordinances	May 28

# Questions & Comments