

FY 2018 – 2027 Capital Improvement Program

Board of Supervisors Budget Work Session

April 25, 2017

Work Session Agenda

- FY 2018 – 2027 Capital Improvement Program Projects & Funding
 - County Projects & Funding
 - Roanoke County Public Schools Projects & Funding
- FY 2018 – 2027 Capital Improvement Program Funding Summary
- Debt Information
- Budget Decisions Recap
- Next Steps

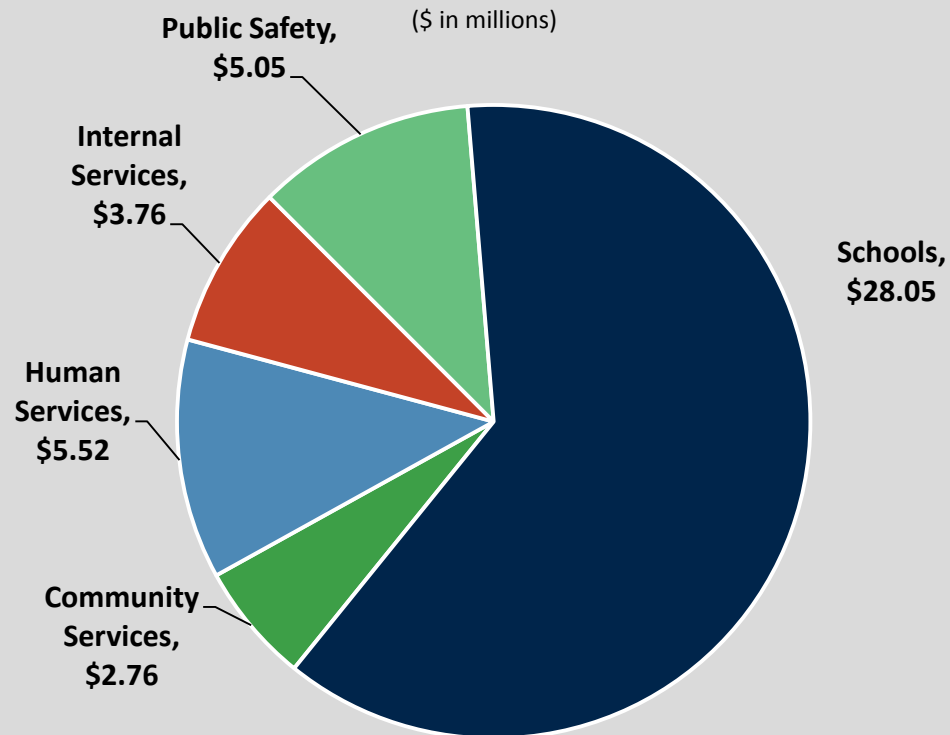
FY 2018 – 2027 Capital Improvement Program Projects

Proposed FY 2018 – 2027 CIP Project and Funding Priorities

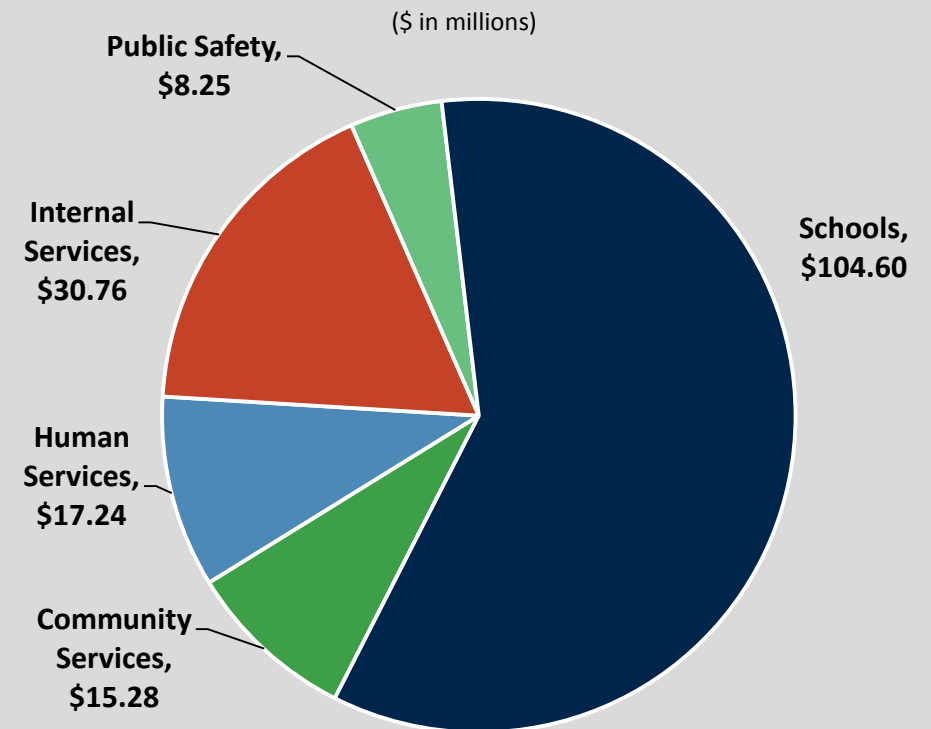
- Maintain Existing Assets and Capabilities
- Address Technology Infrastructure Needs
- Catalyst Economic Development Projects
- Cave Spring High School and Identification of Future Schools Projects
- Diversification of Funding Sources and Conservative Use of Debt

Proposed FY 2018 – 2027 CIP Summary of Projects

Fiscal Year 2018 Capital Budget \$45,138,247



Ten-Year Capital Improvement Program \$176,129,153



County Capital Projects & Funding



Public Safety Projects & Funding

Proposed FY 2018 – 2027 CIP Public Safety Projects

Public Safety Projects	FY 2018	FY 2019	FY 2020-2027
Self-Contained Breathing Apparatus (SCBA) Replacement	\$1,600,000	---	---
Hollins Fire & Rescue Parking Lot	\$152,000	---	---
Sheriff's Office Capital Maintenance Program	\$95,000	\$95,000	\$760,000
Public Safety Radio Replacement	\$3,200,00	---	---

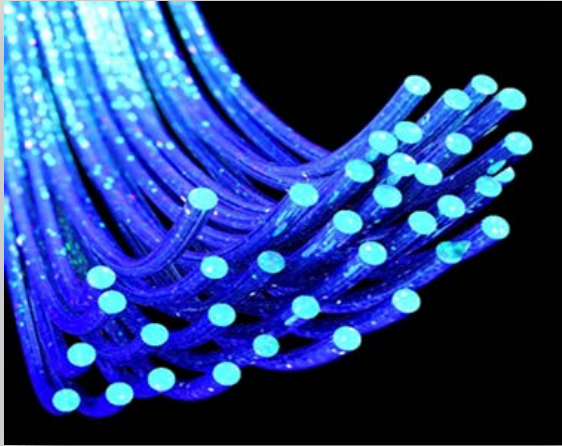
Proposed FY 2018 – 2027 CIP Public Safety Projects

Public Safety Projects	FY 2018	FY 2019	FY 2020-2027
Jail Abatement (Flooring)	---	\$179,000	---
Audio/Visual Replacement for Emergency Operations Center (EOC)	---	\$150,000	---
Conventional Backup Repeater Replacement	---	\$150,000	---
Digital Microwave Ring Replacement	---	\$642,000	---
General District Court Renovations and Furnishings	---	\$100,000	---
Jail Control Room/Security Camera Upgrades	---	---	\$600,000
Diesel Exhaust Removal System (Fire Stations)	---	---	\$525,000
Totals	\$5,047,000	\$1,316,000	\$1,885,000

Proposed FY 2018 – 2027 CIP Public Safety Project Funding

**Total Fiscal Year 2018-2027 Public Safety CIP
\$8,248,000**

Proposed Funding	FY 2018	FY 2019	FY 2020-2027
County Cash Sources	\$1,772,000	\$1,316,000	\$1,885,000
Bonds	\$3,275,000	---	---
Totals	\$5,047,000	\$1,316,000	\$1,885,000



Community Services Projects & Funding

Proposed FY 2018 – 2027 CIP Community Services Projects

Community Services Projects	FY 2018	FY 2019	FY 2020-2027
VDOT Revenue Sharing Projects (Smaller Projects)	\$65,000	\$250,000	\$2,000,000
Lila Drive Intersection & Reconstruction	\$150,000	---	---
Dry Hollow Road Safety Improvements	\$375,000	---	---
Williamson Road Pedestrian Improvements	\$275,000	---	---
Dixie Caverns – Leachate Management	\$225,000	---	---
Stormwater Drainage Projects	\$235,000	\$200,000	\$1,600,000
NPDES – MS4 Best Management Practices	\$850,000	\$100,000	\$2,300,000
Roanoke County Broadband Initiative	\$386,093	\$387,279	\$3,077,157
Woodhaven Property Acquisition & Improvements	\$202,154	\$163,540	\$2,437,143
Totals	\$2,763,247	\$1,100,819	\$11,414,300

Proposed FY 2018 – 2027 CIP Community Services Project Funding

**Total Fiscal Year 2018-2027 Community Services CIP
\$15,278,366**

Proposed Funding	FY 2018	FY 2019	FY 2020-2027
County Cash Sources	\$2,763,247	\$1,100,819	\$11,414,300
Bonds	---	---	---
Totals	\$2,763,247	\$1,100,819	\$11,414,300

Proposed FY 2018 – 2027 CIP Community Services (recommended revisions)

Buck Mountain Road/Starkey Road Intersection	FY 2018	FY 2019	FY 2020-2027
Proposed CIP	---	---	---
Recommended Revisions	\$80,000	---	---
Revised CIP	\$80,000	---	---

- Through rezoning ordinance #012417-9 the Board of Supervisors accepted a proffer from Valley Management Inc., in the amount of \$80,000, for intersection improvements to Buck Mountain Road and Starkey Road.
- Funds will be utilized to help offset potential traffic impacts.
- Additional funding in future years will need to be identified to complete improvements.
- County staff is requesting to add the project to the Secondary System Six-Year Improvement Program, and anticipates applying for Revenue Sharing funds to leverage the proffered cash in future CIPs.



Human Services Projects & Funding

Proposed FY 2018 – 2027 CIP Human Services Projects

Human Services Projects	FY 2018	FY 2019	FY 2020-2027
Parks & Recreation Capital Maintenance Program	\$710,000	\$710,000	\$5,400,000
Explore Park	\$4,400,000	---	\$1,300,000
*Roanoke River East Greenway	\$300,000	---	---
Security Cameras for Library Branches	\$108,000	---	---

*See slide 19 for recommended project revisions.

Proposed FY 2018 – 2027 CIP Human Services Projects

Human Services Projects	FY 2018	FY 2019	FY 2020-2027
Sports Field Lighting	---	\$800,000	\$1,685,000
Arnold R. Burton Softball Complex Improvements	---	---	\$700,000
Hollins Park Improvements	---	---	\$425,000
Hollins Branch Library Replacement	---	---	\$700,000
Totals	\$5,518,000	\$1,510,000	\$10,210,000

Proposed FY 2018 – 2027 CIP Human Services Project Funding

**Total Fiscal Year 2018-2027 Human Services CIP
\$17,238,000**

Proposed Funding	FY 2018	FY 2019	FY 2020-2027
County Cash Sources	\$1,118,000	\$710,000	\$6,100,000
Bonds	\$4,400,000	\$800,000	\$4,110,000
Totals	\$5,518,000	\$1,510,000	\$10,210,000

Proposed FY 2018 – 2027 CIP Human Services(recommended revisions)

Roanoke River East Greenway	FY 2018	FY 2019	FY 2020-2027
Proposed CIP	\$300,000	---	---
Recommended Revisions	(\$280,000)		
Revised CIP	\$20,000	---	---

- Board of Supervisors took action in fiscal year 2017 to appropriate funding from Capital Reserves to provide a match for the Federal Lands Access Program (FLAP) Grant.
- Because of this action, \$280,000 in FY 2018 funding from Capital Reserves can be removed from this project.
- The remaining balance of \$20,000 is anticipated to come from private capital contributions towards the project.



Internal Services Projects & Funding

Proposed FY 2018 – 2027 CIP Internal Services Projects

Internal Services Projects	FY 2018	FY 2019	FY 2020-2027
General Services Capital Maintenance Program	\$850,000	\$800,000	\$6,100,000
*Green Ridge Recreation Center Emergency Generator & Shelter	\$300,000	---	---
Administration Building Chiller Replacement	\$210,000	---	---
Public Service Center Construction	\$1,500,000	\$11,500,000	---
Human Resources & Payroll Modules	\$100,000	\$700,000	\$700,000
*Countywide Computer Replacement	\$250,000	\$250,000	\$2,000,000
IT Infrastructure Capital Maintenance Program	\$550,000	\$550,000	\$4,400,000
Totals	\$3,760,000	\$13,800,000	\$13,200,000

*See slide 23 for recommended project revisions.

Proposed FY 2018 – 2027 CIP Internal Services Project Funding

**Total Fiscal Year 2018-2027 Internal Services CIP
\$30,760,000**

Proposed Funding	FY 2018	FY 2019	FY 2020-2027
County Cash Sources	\$2,760,000	\$2,300,000	\$13,200,000
Bonds	\$1,000,000	\$11,500,000	---
Totals	\$3,760,000	\$13,800,000	\$13,200,000

Proposed FY 2018 – 2027 CIP Internal Services (recommended revisions)

Countywide Computer Replacement	FY 2018	FY 2019	FY 2020-2027
Proposed CIP	\$250,000	\$250,000	\$2,000,000
Recommended Revisions	\$25,000	\$25,000	\$200,000
Revised CIP	\$275,000	\$275,000	\$2,220,000

- County Administrator’s Proposed Operating Budget included \$275,000 in the Communications/IT Fund for computer replacement. This aligns the project with the transfer to the CIP in the operating budget.

Green Ridge Rec. Center Emergency Generator & Shelter	FY 2018	FY 2019	FY 2020-2027
Proposed CIP	\$300,000	---	---
Recommended Revisions	(\$70,000)	---	---
Revised CIP	\$230,000	---	---

- Board of Supervisors took action in fiscal year 2017 to appropriate \$70,000 in grant funding to support this project. Therefore, the grant funding can be removed from fiscal year 2018.
- The remaining balance in fiscal year 2018 comes from unrestricted cash.

Roanoke County Public Schools (RCPS) Projects & Funding

Proposed FY 2018 – 2027 CIP Roanoke County Public Schools (RCPS) Projects

Requested Projects	FY 2018	FY 2019	FY 2020-2027
Cave Spring High School	*\$27,000,000	\$8,500,000	---
William Byrd High School	---	\$1,500,000	\$21,252,140
Hidden Valley Middle School	---	---	\$13,182,797
Burlington Elementary	---	---	\$5,300,199
Glenvar Elementary	---	---	\$6,192,631
WE Cundiff Elementary	---	---	\$10,036,373
Glen Cove Elementary	---	---	\$890,647
Schools Capital Maintenance Program	\$1,000,000	\$1,000,000	\$8,000,000
HR & Payroll Software System	\$50,000	\$350,000	\$350,000
Totals	\$28,050,000	\$11,350,000	\$65,204,787

**Pending project timing*



Proposed FY 2018 – 2027 CIP Roanoke County Public Schools (RCPS) Funding

**Total Fiscal Year 2018-2027 Schools CIP
\$104,604,787**

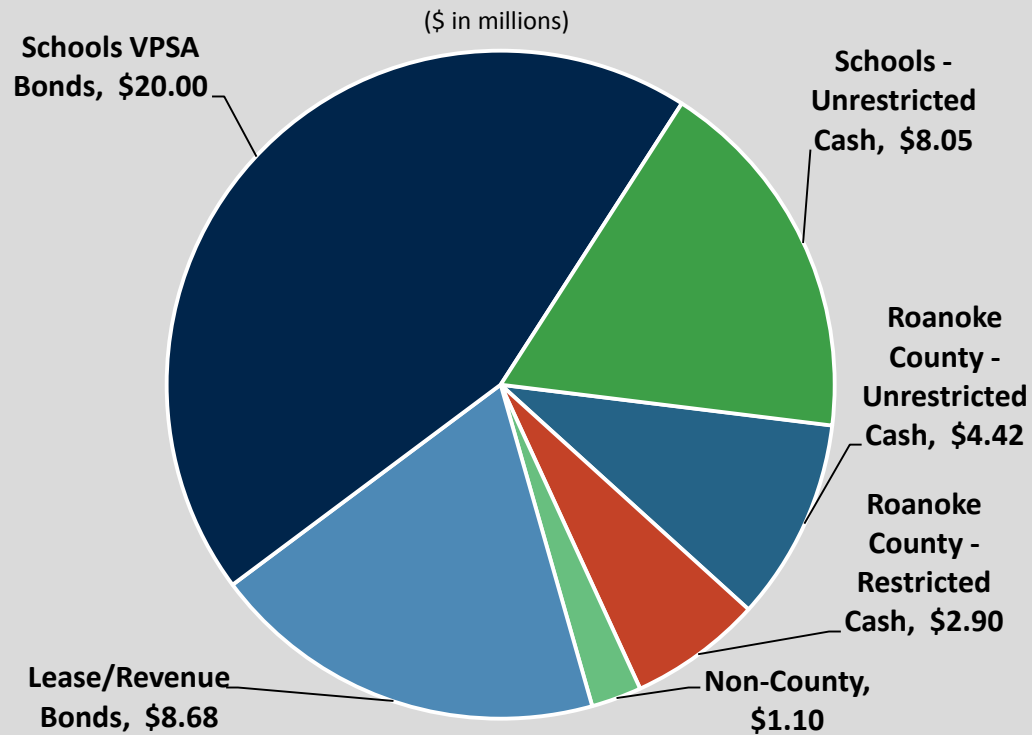
Requested Funding	FY 2018	FY 2019	FY 2020-2027
RCPS Cash Sources	8,050,000	\$1,350,000	\$15,204,787
Bonds	*\$20,000,000	\$10,000,000	\$50,000,000
Totals	\$28,050,000	\$11,350,000	\$65,204,787

**Pending project timing of Cave Spring High School*

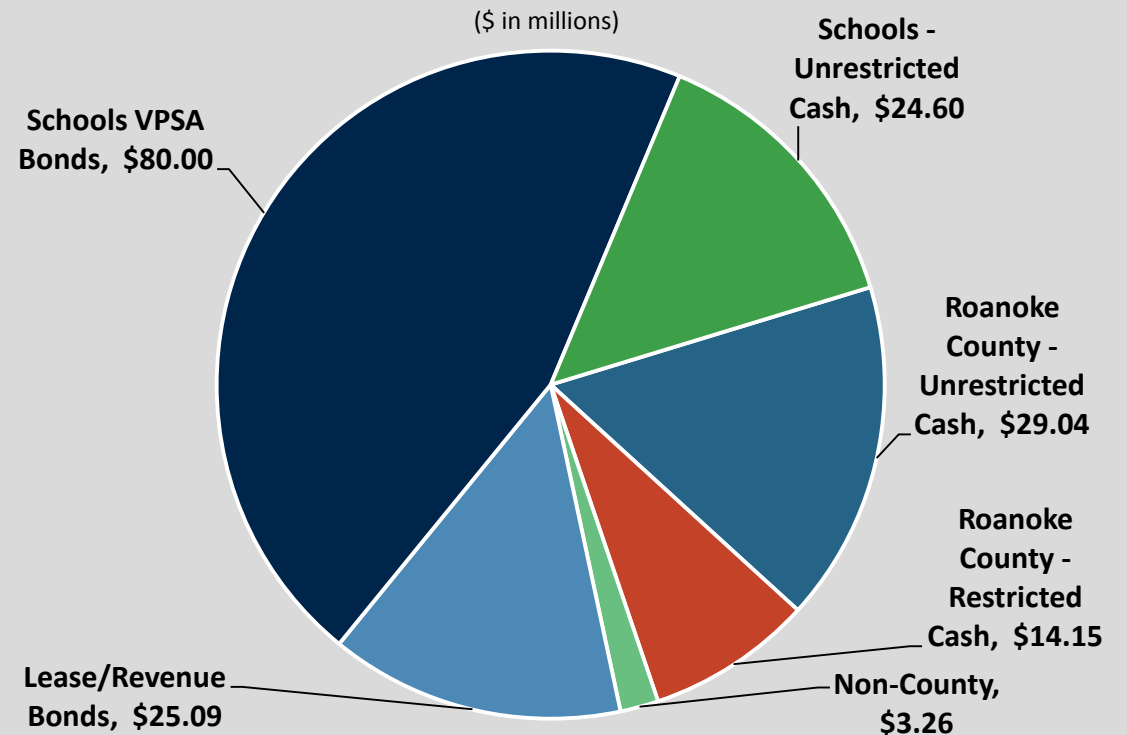
FY 2018 – 2027 Capital Improvement Program Funding Summary

Proposed FY 2018 – 2027 CIP Summary of Funding

Fiscal Year 2018 Capital Budget \$45,138,247



Ten-Year Capital Improvement Program \$176,129,153



Proposed FY 2018 – 2027 CIP Summary of Funding

	County FY 2018 – FY 2027		Schools FY 2018 – FY 2027	
Funding Source	Amount	% of Total	Amount	% of Total
Cash Sources	\$46.4M	64.9%	\$24.6M	23.5%
Bonds	\$25.1M	35.1%	\$80.0M	76.5%
Total	\$71.5M	100.0%	\$104.6M	100.0%

County and Schools Combined – 40.3% Cash Sources / 59.7% Bonds

Proposed FY 2018 – 2027 CIP Summary of Bonded Projects

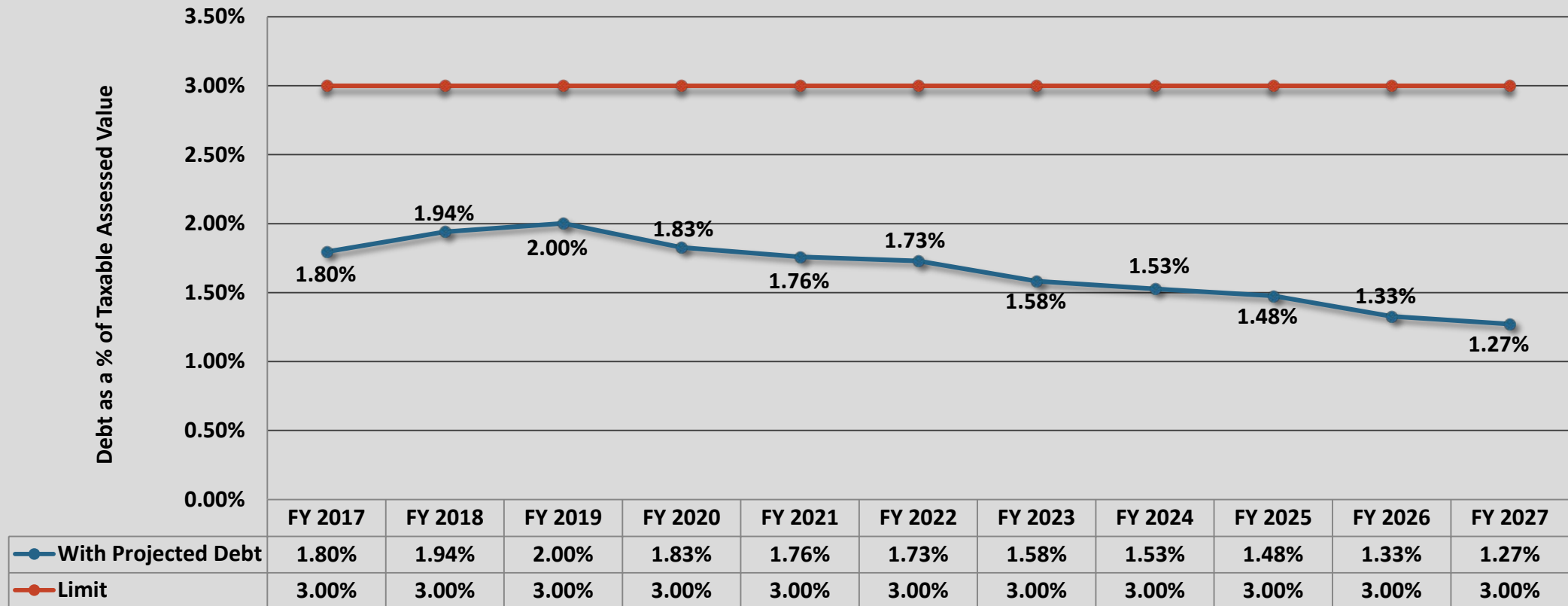
Schools/ County	Summary of Proposed Bonded Projects	FY 2018	FY 2019	FY 2020-2027
County	Explore Park, Public Service Center, Public Safety Radios, SCBA Replacement	\$8,675,000	---	---
Schools	Cave Spring High School (FY 18 Only)	*\$20,000,000	---	---
County	Public Service Center, Sports Field Lighting	---	\$12,300,000	---
Schools	Cave Spring High School, William Byrd High School	---	\$10,000,000	---
County	Sports Field Lighting, Explore Park, Burton Softball Complex, Hollins Park Improvements	---	---	\$4,110,000
Schools	William Byrd High School, Hidden Valley Middle School, Burlington Elementary, Glenvar Elementary, WE Cundiff Elementary, Glen Cove Elementary	---	---	\$50,000,000
Totals		\$28,675,000	\$22,300,000	\$54,110,000

*Actual bond issuance may not happen until fiscal year 2019 depending on project timing.

FY 2018 – 2027 Debt Information

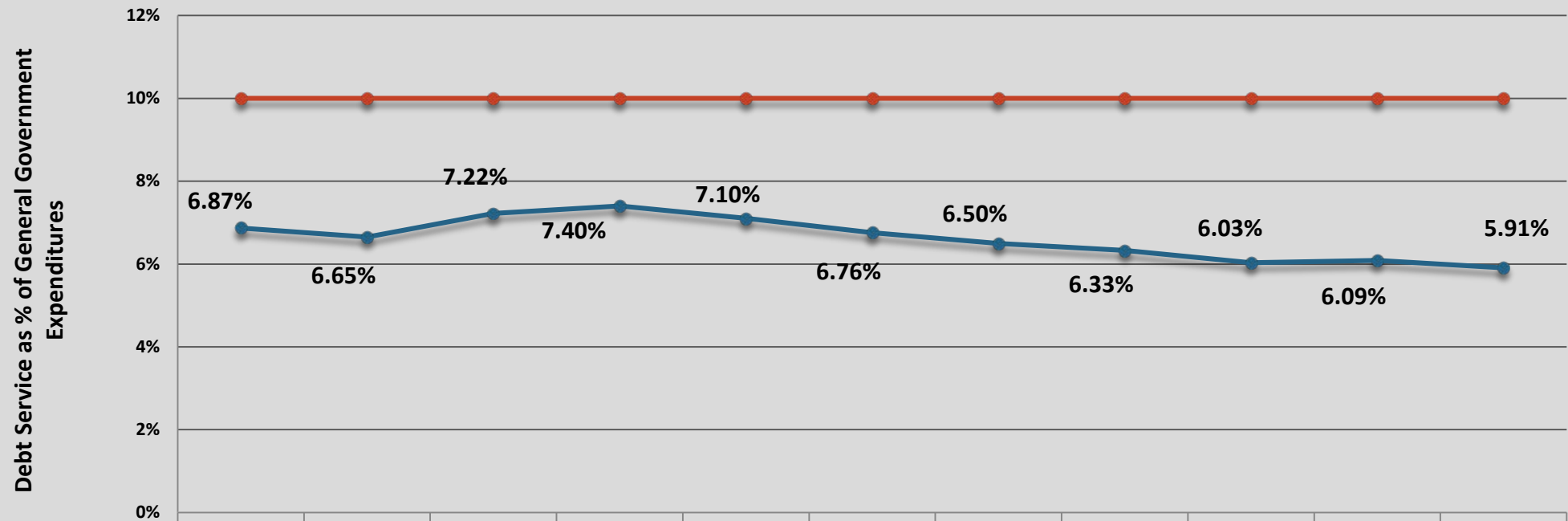
Proposed FY 2018 – 2027 CIP Debt Ratios

Debt as a percentage of taxable assessed value is the outstanding debt principal divided by the market value assessment of all real and personal property located in the County.



Proposed FY 2018 – 2027 CIP Debt Ratios

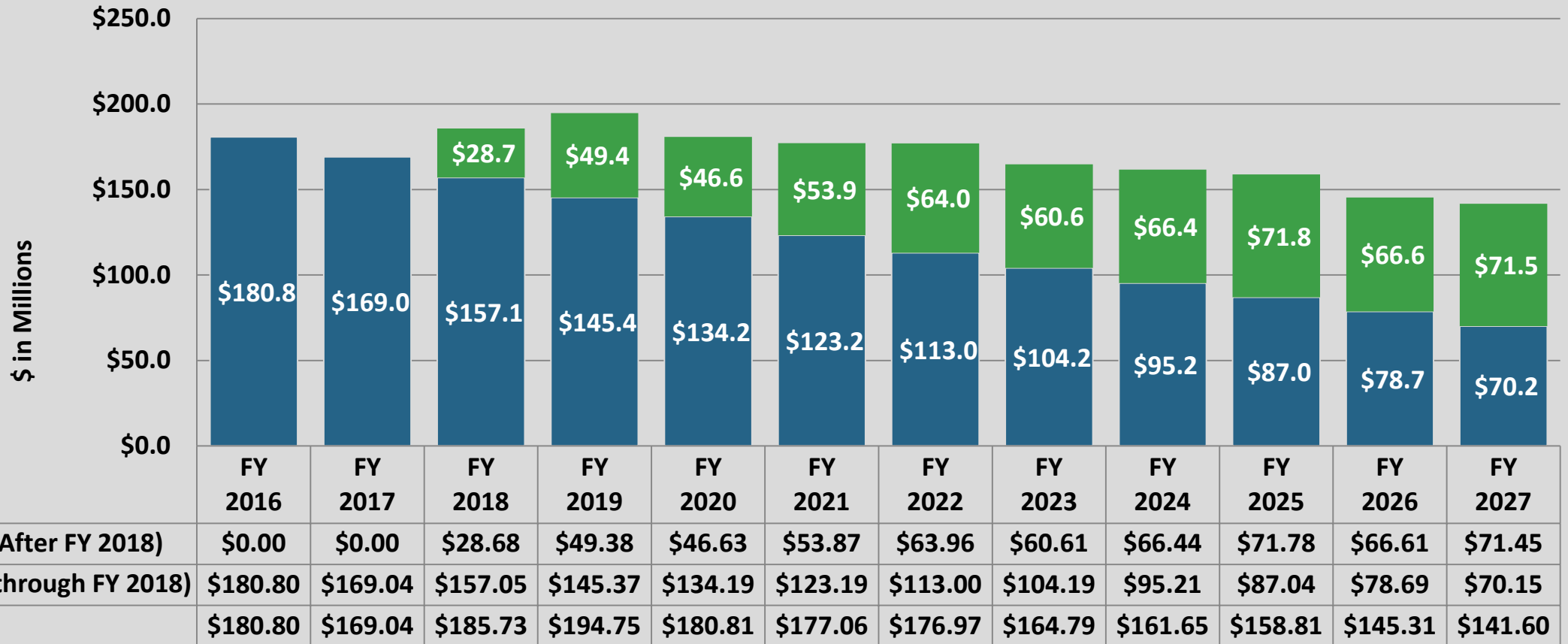
Debt as a percentage of general government expenditures is calculated by taking the debt service (principal and interest) paid in a year divided by total general County and Schools expenditures.



	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
With Projected Debt	6.87%	6.65%	7.22%	7.40%	7.10%	6.76%	6.50%	6.33%	6.03%	6.09%	5.91%
Limit	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%

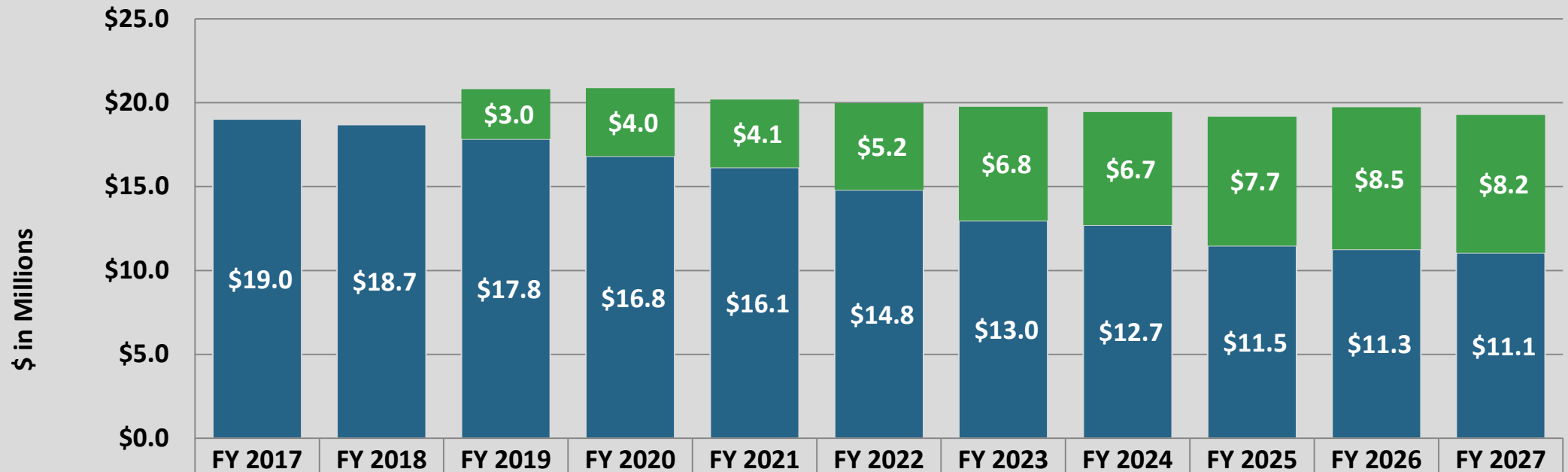
Proposed FY 2018 – 2027 CIP Outstanding Debt

Outstanding debt projections included debt previously issued and proposed future borrowing.



Proposed FY 2018 – 2027 CIP Debt Service

Debt service projections include debt service on previously issued debt and debt service on proposed future borrowing.



	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Planned (After FY 2018)	\$0.00	\$0.00	\$2.97	\$4.05	\$4.05	\$5.16	\$6.79	\$6.73	\$7.69	\$8.47	\$8.22
Existing (through FY 2018)	\$19.02	\$18.70	\$17.83	\$16.81	\$16.13	\$14.81	\$12.97	\$12.71	\$11.48	\$11.26	\$11.05
Total	\$19.02	\$18.70	\$20.80	\$20.86	\$20.19	\$19.97	\$19.76	\$19.44	\$19.16	\$19.72	\$19.27

Budget Decisions to Date Changes to Proposed Budget

Potential Changes to Proposed Budget

Budget Item	Revenue	Expenditure
County Administrator's Proposed General Government Budget 3.14.2017	\$186,679,675	\$186,679,675
Machinery and Tools Tax Reduction (\$2.90 to \$2.85/\$100 Assessed Value)	(\$45,500)	---
Eliminate new Treasurer Tax Clerk position	(\$39,909)	(\$39,909)
Reduce transfer to Roanoke County Public Schools based on decrease in Machinery and Tools Tax (Revenue Sharing Formula)	---	(\$19,279)
Reduce discretionary outside agency funding	---	(\$38,100)
Increase RVTV contribution based on final RVTV Budget (3.28.2017 Board item approving RVTV Budget)	---	\$6,784
Increase contribution to fund balance	---	\$5,095
Total, Revised Budget with Adjustments through 4.11.2017	\$186,594,266	\$186,594,266

Next Steps

Proposed FY 2018 Operating Budget Next Steps – Work Sessions

Work Session Topic	2017 Date
Roanoke County Fiscal Policies	January 24
FY 2016-2017 Mid-Year Revenue/Exp. Update	January 24
(Tentative) FY 2018-FY 2027 Capital Improvement Program including Schools	February 14
FY 2017-2018 Revenue Overview	February 28
FY 2017-2018 Employee Compensation and Benefits	March 28
FY 2017-2018 County Operating Budget, Outside Agencies, Fees	April 11
FY 2018-FY 2027 Capital Improvement Program	April 25

Note: Additional work sessions may be added if necessary

Proposed FY 2018 Operating Budget Next Steps – Tax Rate and Budget Items

Tax Rate/Budget Item	2017 Date
County Administrator's Recommended FY 2018 Operating Budget	March 14
Community Budget Presentations – County Administrator	March 21-22
Budget Public Hearing & Resolution to Establish the Maximum Tax Rate; Public Hearing on Effective Tax Rate	March 28
Operating and Capital Budget Public Hearing; Public Hearing on Tax Rates; Resolution to Establish a Tax Rate	April 11
Approval of Schools Budget; Final Public Hearing; First Reading of Ordinance to Appropriate Funds for the FY 2018 Operating & Capital Budgets	May 9
Resolution to Adopt FY 2018 Operating & Capital Budget; Second Reading to Appropriate Funds for the FY 2018 Operating & Capital Budgets	May 23

Discussion

Proposed FY 2018 – 2027 CIP Cave Spring High School Funding

Cave Spring High School Requested Funding(February 7, 2017)	FY 2016	FY 2017	FY 2018	FY 2019	Total
RCPS Cash Sources	\$2,000,000	---	\$7,000,000	---	\$9,000,000
VPSA Bonds	---	---	\$20,000,000	\$8,500,000	\$28,500,000
Totals	\$2,000,000	---	\$27,000,000	\$8,500,000	\$37,500,000

FY 2018 Timing

- April/May 2018 Bond Resolution; however only \$20 million will have been appropriated at that time (need \$28.5 million).
- May 2018 - Construction award →
- July 2018 – Construction begins; application for VPSA bond sale
- November 2018 – bond proceeds available

Current plan to issue intent to award construction contract in May 2018. Contract estimated at \$31 million; only \$29 million (FY 16 & FY 18) will have been appropriated to date – not sufficient to cover bond contract.