

# Spotsylvania County



County Administrator's  
FY 2016 – FY 2020 Recommended CIP  
March 10, 2015



# Presentation Overview

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- Summary of CIP Expenditures
- Specific Projects (non-Utilities)
- Funding Plan & Impact on Ratios
- Future Operating Costs
- Specific Projects/Funding Plan (Utilities)
- Upcoming Financings
- Next Steps



# CIP Summary

\$ in millions

Project Type	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Yr Total*
General Gov't	\$19.8	\$15.0	\$8.2	\$7.1	\$9.2	\$59.3
Transportation	10.3	20.0	16.4	9.8	9.5	66.1
Schools	18.6	23.0	39.3	16.7	14.2	111.9
Utilities	8.7	19.5	23.3	24.1	-	75.7
<b>CIP Total*</b>	<b>\$57.5</b>	<b>\$77.6</b>	<b>\$87.2</b>	<b>\$57.7</b>	<b>\$33.0</b>	<b>\$313.0</b>

\*Due to rounding, may not appear to add to total.



# General Gov't (\$28.5m)

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## Campus Master Plan (\$9.4m)

- Judicial Center renovation (\$8.1m through FY20; \$1.3m thereafter)
- Renovation of Sheriff's Office former location (\$1.3m)

## Other General Government (\$10.0m)

- Facility Asset Management program (\$6.2m)
- Animal Shelter (\$3.7m)
- Portable Public Safety Telephone System (\$0.1m - grant)



# General Gov't (\$28.5m)

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## Information Services (\$9.1m)

- Computer Aided Dispatch system replacement (\$5.0m)
- Citizen Alert/Notification system replacement (\$0.2m)
- Next Generation 911 (\$0.2m)
- Systems/software/equipment upgrades (\$3.8m)



# Solid Waste (\$8.5m)

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## Construction of Facilities (\$4.3m)

- Active gas collection system – cells 3 & 4 (\$0.2m)
- Convenience center paving (\$0.2m)
- Improvements to Marshall Park convenience site (\$0.7m)
- Livingston Landfill development (\$2.5m)
- Livingston Landfill green waste composting (\$0.6m)
- Livingston Landfill stormwater improvements (\$0.1m)

## Solid Waste Equipment (\$4.2m)

- Refuse Disposal equipment replacement (\$0.8m)
- Refuse Collection equipment replacement (\$2.2m)
- Single stream compactor conversion (\$0.3m)
- Landfill compactor (\$0.9m)



# Parks & Rec (\$6.7m)

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## Facility Construction/Maintenance (\$6.2m)

- Hunting Run, phase II (\$0.8m)
- Belmont passive park – trails/picnic area (\$0.4m)
- Livingston community center (\$0.5m)
- Marshall Center auditorium upgrades (\$0.3m)
- Marshall Park upgrades (\$0.5m)
- Ni River Park (\$3.4m)
- Patriot Park playground (\$0.2m)
- Resurfacing of 7 Tennis Crts. (\$0.1m)
- Loriella Pool major repairs (\$0.1m)

## Equipment (\$0.5m)

- Patriot Park field lighting (\$0.5m)



# Fire & Rescue (\$15.7m)

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## Facility Construction (\$1.3m)

- Fire training center (\$1.3m)

## Equipment (\$14.4m)

- Replacement fire/rescue trucks/ambulances (\$14.1m)
- CPR delivery devices (\$0.3m)
- Emissions extraction systems (\$0.1m)



# Transportation (\$66.1m)

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- “Fair” unpaved roads (\$0.1m)
- Hickory Ridge/Rt 1 intersection improvements (\$1.1m)
- Improvements at exit 118 (\$7.8m)
- Improvements at exit 126 (\$36.1m)
- Harrison Rd widening – Old Plank to Gordon (\$2.5m)
- Thornton Rolling/Rt. 17 intersection improvements (\$1.1m)
- Grand Brooks Road resurfacing (\$1.0m)
- Relocation of Ely’s Ford/Rt. 3 intersection (\$4.0m)
- Corridor studies – Rt. 1, Rt. 2, Rt. 17, Rt. 208 (\$12.3m)
- General engineering consultant (\$0.1m)



# Schools (\$111.9m)

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## Facility Construction (\$21.0m)

- Renovate & expand Courtland High School (\$21.0m)

## Equipment/Major Maintenance (\$90.9m)

- 154 replacement buses (\$18.7m)
- 13 new buses (\$1.6m)
- Replacement bus engines (\$0.1m)
- Bus cameras (\$0.4m)
- Capital maintenance (\$44.1m)
- Technology replacements/upgrades (\$26.0m)



# Funding Plan (other than Utilities)

\$ in millions

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Yr Total*
<b>Expenditures:</b>						
Total Expenses**	\$49.1	\$58.4	\$64.2	\$33.9	\$33.3	\$239.0
<b>Revenue:</b>						
Financing (bonds = loans)	\$38.1	\$48.6	\$55.7	\$23.4	\$22.8	\$188.7
Transfers from Other Funds	9.7	8.1	9.1	9.9	10.3	47.0
Other Sources	0.6	0.3	-	0.1	0.3	1.3
Use of Fund Bal.	<u>0.7</u>	<u>1.4</u>	<u>(0.6)</u>	<u>0.5</u>	<u>(0.1)</u>	<u>1.9</u>
Total Revenue*	\$49.1	\$58.4	\$64.2	\$33.9	\$33.3	239.0

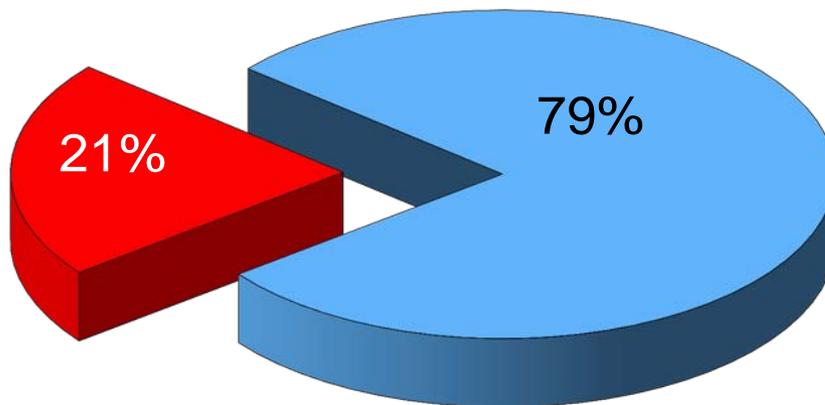
\*Due to rounding, may not appear to add to total.

\*\*Includes Construction Management Team expenditures.



# Funding Plan (other than Utilities)

## CIP Funding Sources



■ Debt

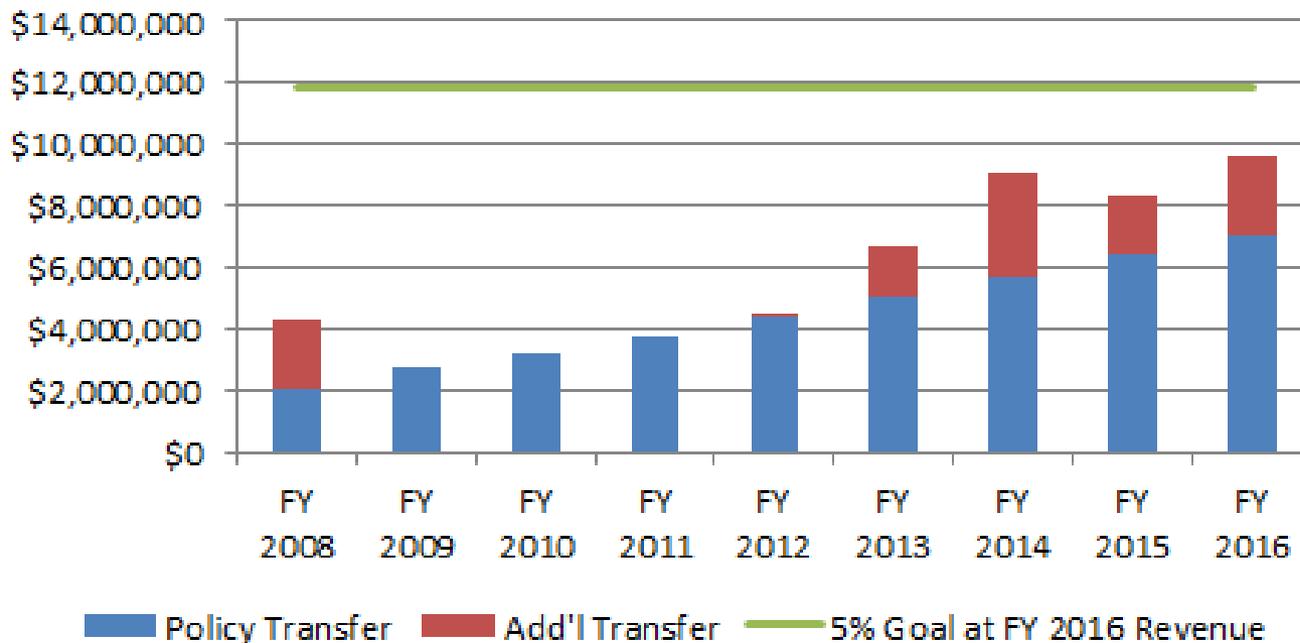
■ Other Than Debt



# Increasing Cash to CIP

- Fiscal Policy Guidelines call for a minimum transfer of cash to the CIP equal to 3% of General Fund revenues, with the target being 5%.

## Budgeted Transfer of Cash to Capital





# Target Debt Ratios

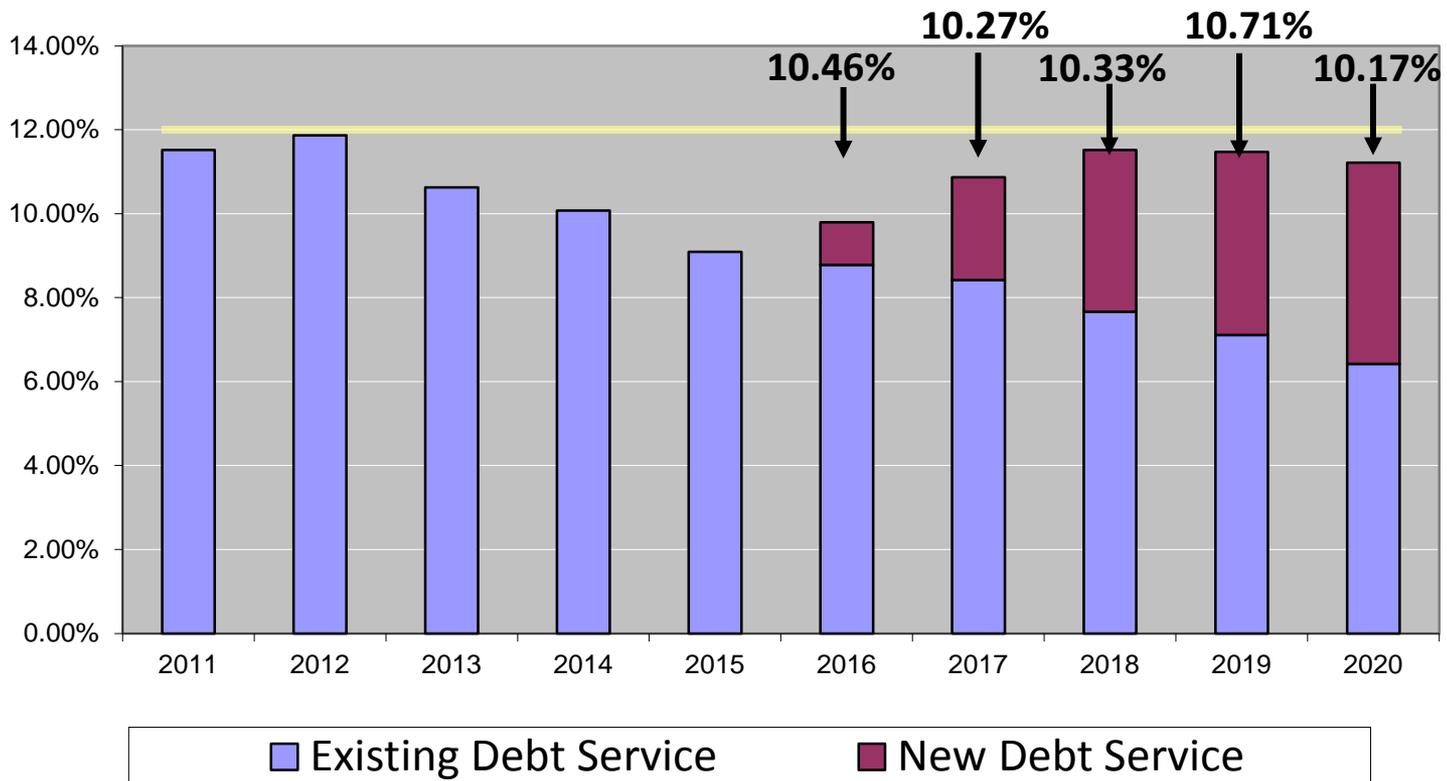
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- Net debt as % of estimated market value should not exceed 3% - 4%
- Debt service as % of governmental fund expenditures should not exceed 10% - 12%
- 10-year tax-supported debt and lease payout ratio should be at or above 60% at end of adopted CIP. Payout ratio should be no less than 55% in any one year during the period.



# D.S. to Expenditures

## Debt Service to Expenditures Ratio





# Impact of CIP

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With the FY 2016 Recommended Budget as the base, this CIP:

- Will add up to \$400K in operating costs
- Will increase debt service by up to \$8.6m and maintain debt service at \$37- \$45 million
- May impact the tax rate by up to 7 cents by FY 2020



# Utilities (\$75.7m)

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## General Projects (\$5.0m)

- Expansion of the Utilities lab/offices (\$4.5m)
- Security improvements (\$0.1m)
- Manhole rehabilitation (\$0.1m)
- System improvement opportunities (\$0.3m)

## Water Projects (\$56.6m)

- Motts Run water treatment plant expansion (\$1.0m)
- Rt. 1/Rt. 606 waterline improvements (\$0.1m)
- Ni River water treatment plant improvements (\$24.9m)
- Thornburg water transmission improvements (\$4.2m)
- New Post water transmission facilities (\$1.0m)
- Tank maintenance (\$0.4m)



# Utilities (\$75.7m)

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## Water Projects - continued (\$56.6m)

- Loren Drive/Harrison Rd extension (\$0.4m)
- Future water source (\$16.5m)
- 16" waterline – Andora Dr. to Sawhill (\$3.0m)
- Water meter replacement program (\$0.5m)
- 16" waterline – Brock Rd. (\$0.7m)
- Rappahannock raw water PS improvements (\$1.3m)
- 16" waterline – Salem Church to Leavells (\$0.5m)
- Old Greenwich 2" line upgrade (\$0.3m)
- Rt. 606 east of I-95 improvements (\$0.5m)
- Harrison Rd./Rt. 1 waterline improvements (\$0.3m)
- Spotswood 2" line upgrade (\$0.3m)
- 12" line replacements (\$0.7m)
- Waverly Village 2" line upgrade (\$0.2m)



# Utilities (\$75.7m)

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## Sewer Projects (\$14.2m)

- I-95 to Woodland Dr. (\$0.8m)
- Eliminate pump stations 3 & 6 (\$0.4m)
- Old Greenwich sewer replacement (\$0.3m)
- Fawn Lake pump station improvements (\$1.0m)
- Maple Grove rehabilitation (\$0.5m)
- Wastewater collection extensions (\$0.2m)
- Waverly Village rehabilitation (\$0.6m)
- Thornburg wastewater transmission improvements (\$3.8m)
- FMC infrastructure improvements (\$1.0m)
- Piedmont Drive – PS abandonment (\$0.3m)
- PS 24 replacement (\$2.5m)
- Lafayette Crossing PS abandonment (\$0.4m)



# Utilities (\$75.7m)

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## Sewer Projects - continued (\$14.2m)

- Poole Drive sewerline replacement (\$0.1m)
- Rt. 1/Harrison Rd. 16" force main realignment (\$0.3m)
- Replacement equipment (\$2.1m)



# Utilities Funding Plan

\$ in millions

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	5-Yr Total*
<b>Expenditures:</b>						
Total Expenses	\$8.7	\$19.5	\$23.3	\$24.1	-	\$75.7
<b>Revenue:</b>						
Financing (bonds = loans)	-	\$17.5	\$22.3	\$23.1	-	\$63.0
Cash**	2.5	2.6	2.8	2.8	2.8	13.5
Other***	0.6	-	-	-	-	0.6
Use of Fund Bal.	5.6	(0.6)	(1.8)	(1.8)	(2.8)	(1.4)
Total Revenue*	\$8.7	\$19.5	\$23.3	\$24.1	-	\$75.7

\*Due to rounding, may not appear to add to total.

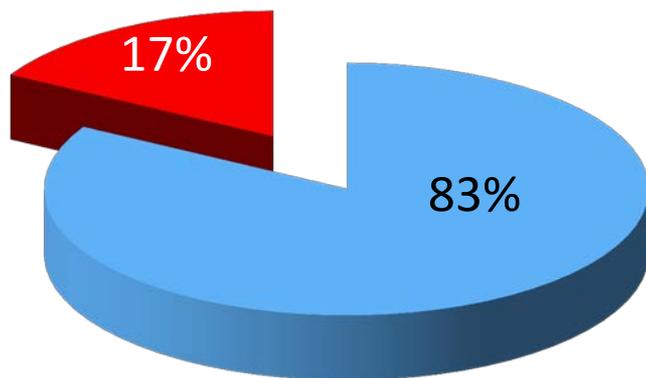
\*\*"Cash" represents annual revenues such as connection fees and interest earnings

\*\*\*"Other" represents anticipated revenue from the City of Fredericksburg for shared projects



# Utilities Funding Plan

## Utilities Project Funding Sources



■ Debt ■ Other than Debt



# FY 2016+ Projects

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- CAD System (\$2.9m, then \$2.1m)
- Animal Shelter (\$0.1m, then \$3.5m)
- Livingston Landfill green waste composting (\$0.3m, then \$0.3m)
- Improvements at exit 126 (\$5.0m, then TBD)
- Thornton Rolling/Rt. 17 intersection improvements (\$0.5m, then \$0.6m)
- Ely's Ford/Rt. 3 intersection relocation (\$0.5m, then \$3.5m)
- Corridor studies (\$0.8m, then TBD)



# FY 2016+ Projects

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- Utility Lab/Office Expansion (\$0.3m, then \$4.3m)
- Ni River WTP Improvements (\$2.4m, then \$22.5m)
- Motts Run WTP Expansion (\$0.1m, then \$0.9m)
- Future water source (\$0.8m, then \$15.7m)
- Elimination of PS 3 & 6 (\$0.1m, then \$0.4m)
- Fawn Lake PS 27 & 58 (\$0.5m, then \$0.5m)



# Continuing Projects

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- Judicial Center Renovation (\$8.1m)
- Renovate Former Sheriff's Office (\$1.3m)
- Animal Shelter (\$0.2m)
- CAD System (\$2.9m)
- Enterprise-Wide Fiber Network (\$0.7m)
- Treasurer's Legacy System (\$0.2m)
- Marshall Park Convenience Center Improvements (\$0.7m)
- Livingston Landfill Green Waste Composting (\$0.3m)



# Continuing Projects

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- Unpaved Roads (\$0.1m)
- Improvements at Exit 126 (\$5.0m)
- Majority of Utilities projects



# Upcoming Financings

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## General Obligation (\$38.1m)

- Judicial Center renovation
- Former Sheriff's Office renovation
- Animal Shelter
- Fire equipment
- Multiple transportation projects
- School projects – capital maintenance, technology, buses
- \$314k for voting machines (swap cash on CAD to fund this, borrow \$314K for CAD)



# Next Steps - CIP

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- March 26 – Budget/CIP/Tax Rate public hearings
- March 31 – Budget/CIP Work Session
- April 2 – Budget/CIP Work Session & Approval of CIP
- April 14 – Final Adoption of CIP