

Agenda

Tuesday, April 4, 2017
2:00 – 5:00 PM

Related FAAC report - PAYG

Department/Topic	Book pgs	Web pgs	Web Link
Debt Service	249 - 256	773 – 780	Click Here
Metro	265 – 267	789 – 791	Click Here
Transportation Pay-As-You-Go	339 – 342	933 – 936	Click Here
Crystal City Tax Increment Financing (TIF)	307 – 310	853 – 858	Click Here
Transportation Capital Funds (TCF)	301 – 305	843 – 851	Click Here
General Fund Pay-As-You-Go	335 – 352	929 – 946	Click Here
Master Lease	357 – 360	951 – 954	Click Here

Debt Service & Metro, Transportation PAYG, TIF & TCF

Proposed FY 2018 Budget

Debt Service & Metro

Proposed FY 2018 Budget

FY 2018 Debt Service

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Proposed	% Change '17 to '18
Principal	\$40,583,463	42,259,549	41,212,012	(2%)
Interest	19,409,340	20,671,462	21,901,617	6%
Other (1)	476,665	125,000	125,000	-
Total Expenditures (2)	60,469,468	63,056,011	63,238,629	-
Less: Debt Service Supported by AHIF	(1,789,067)	(1,788,192)	(1,786,284)	-
Plus: Debt Service on \$21.6M Additional WMATA Debt	-	-	1,512,000	-
Total Non-AHIF Supported Debt Service	\$58,680,401	\$61,267,819	\$62,964,345	3%

- FY 2018 debt service budget is \$62.9 million
- Includes debt service on \$105 million of General Obligation bonds to be issued in June 2017 for County projects
 - \$1.5 million generated from a portion of proposed \$0.01 tax rate increase for WMATA would fund debt service on additional \$21.6 million of bonds required to support WMATA's FY 2018 capital budget (\$47 million total debt issued)
- Also includes debt service on \$39 million of subject-to-appropriation revenue bonds to be issued in 2017 for acquisition of the Buck property, upgrades to the County's Assessment and Collection System, and upgrades to the enterprise resource payment system

FY 2018 Metro Subsidy

	FY 2016 Actual	FY 2017 Adopted	FY 2018 Proposed	% Change '17 to '18
Metrobus	\$29,412,789	\$31,877,181	\$34,830,000	9%
Metrorail	28,096,196	23,919,983	35,840,000	50%
MetroAccess	1,000,732	893,994	830,000	-7%
Total Gross WMATA Subsidy	58,509,717	56,691,158	71,500,000	26%
Less \$30 Million of Additional Reductions	-	-	(2,650,000)	
Total Net WMATA Subsidy	58,509,717	56,691,158	68,850,000	21%
Source of Contributions				
State Transit Aid	24,180,782	22,147,843	27,910,345	26%
Regional Gas Tax	4,000,000	4,200,000	4,200,000	-
Transform 66 Funding	-	-	500,000	-
Subtotal, NVTC REVENUES	28,180,782	26,347,843	32,610,345	24%
Total Revenues/Other Sources	28,180,782	26,347,843	32,610,345	24%
NET TAX SUPPORT (Excluding \$0.01 on Tax Rate for WMATA)	30,328,935	30,343,315	30,343,315	-
\$0.01 on Tax Rate Dedicated to WMATA	-	-	7,408,340	-
Less Transfer to Debt Service Budget for WMATA Debt	-	-	(1,512,000)	-
NET TAX SUPPORT (Including \$0.01 on Tax Rate for WMATA)	\$30,328,935	\$30,343,315	\$36,239,655	19%

Expenditure Changes

- Labor cost increases on bus and rail
- 500 positions eliminated in FY 2017; additional 300 in FY 2018
- Shift of ~\$83M of Preventative Maintenance to Capital Budget
- Reduction in peak rail service from 6 minute to 8 minute headways; elimination of low performing bus routes
- WMATA capital budget assumes significant subsidy increase requiring \$22 million of additional County debt

Revenue Changes

- Significant (\$90M) decline in rail system revenues
- VDOT Transform 66 project to provide funding for enhanced service on WMATA route 2A for two years
- Proposed \$0.01 tax rate increase to fund FY 2018 subsidy increase and debt service on additional required bonds

Future Metro Subsidy Pressures

	FY 2018 Revised	FY 2019 Projection	FY 2020 Projection
Metrobus	\$35,388,637	\$37,830,453	\$45,261,646
Bus Recommendations Per TDP (FY17 -FY19)	-	3,275,392	(1,833,034)
Metrorail	34,647,871	37,038,574	40,783,174
MetroAccess	831,057	\$888,400	\$978,217
Total Gross WMATA Subsidy	70,867,565	79,032,819	85,190,003
Total Net WMATA Subsidy	70,867,565	79,032,819	85,190,003
Source of Contributions			
State Transit Aid	29,927,910	26,000,000	27,500,000
Regional Gas Tax	4,200,000	3,700,000	3,900,000
Transform 66 Funding	500,000	500,000	-
Total Revenues/Other Sources	34,627,910	30,200,000	31,400,000
NET TAX SUPPORT (Excluding \$0.01 on Tax Rate for WMATA)	30,343,315	48,832,819	53,790,003
\$0.01 on Tax Rate Dedicated to WMATA	7,408,340		
Less Transfer to Debt Service Budget for WMATA Debt ¹	(1,512,000)		
NET TAX SUPPORT (Including \$0.01 on Tax Rate for WMATA)	\$36,239,655	\$48,832,819	\$53,790,003
<i>Annual Increase / (Decrease)</i>	<i>\$5,896,340</i>	<i>\$12,593,164</i>	<i>\$4,957,184</i>

FY 2019 Projected

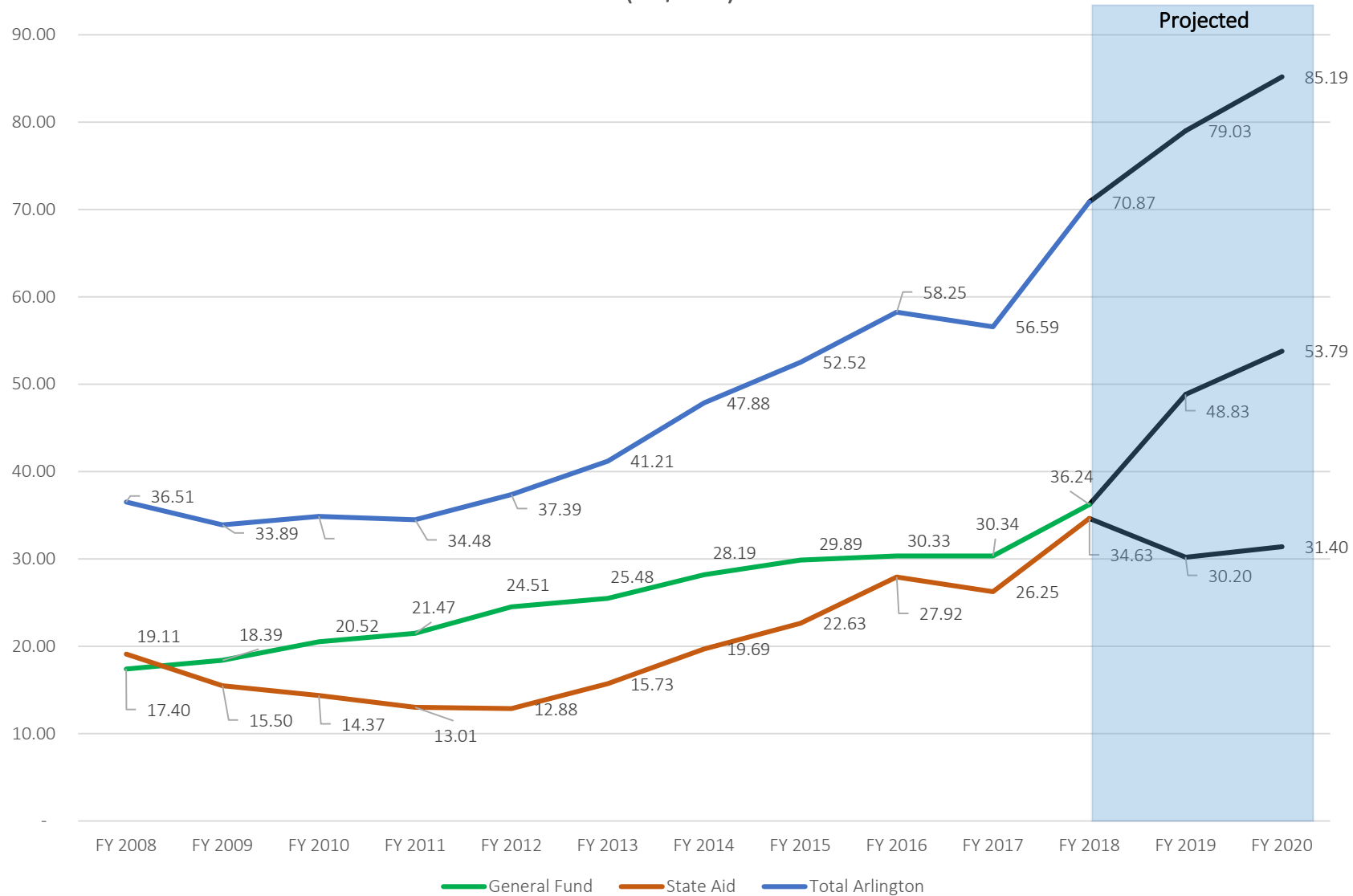
- 7.5% projected subsidy increase
- Additional \$3.3 million projected impact from TDP recommended route adjustments from FY 2017 / FY 2018
 - 4A/B
 - 15K/L
 - 16A-X, New M Route
 - 22A-C
- Additional Costs in ART budget for 22A-C conversion (\$1.5-\$2M)
- Reduction in projected State Aid availability, gas tax revenues

FY 2020 Projected

- 10% projected subsidy increase
- Silver Line Phase II Operating Costs
- \$1.8 million projected subsidy reduction from TDP recommended route adjustments
 - 4B Discontinued
 - 10A Route Adjustment

Historical Metro Subsidy Growth

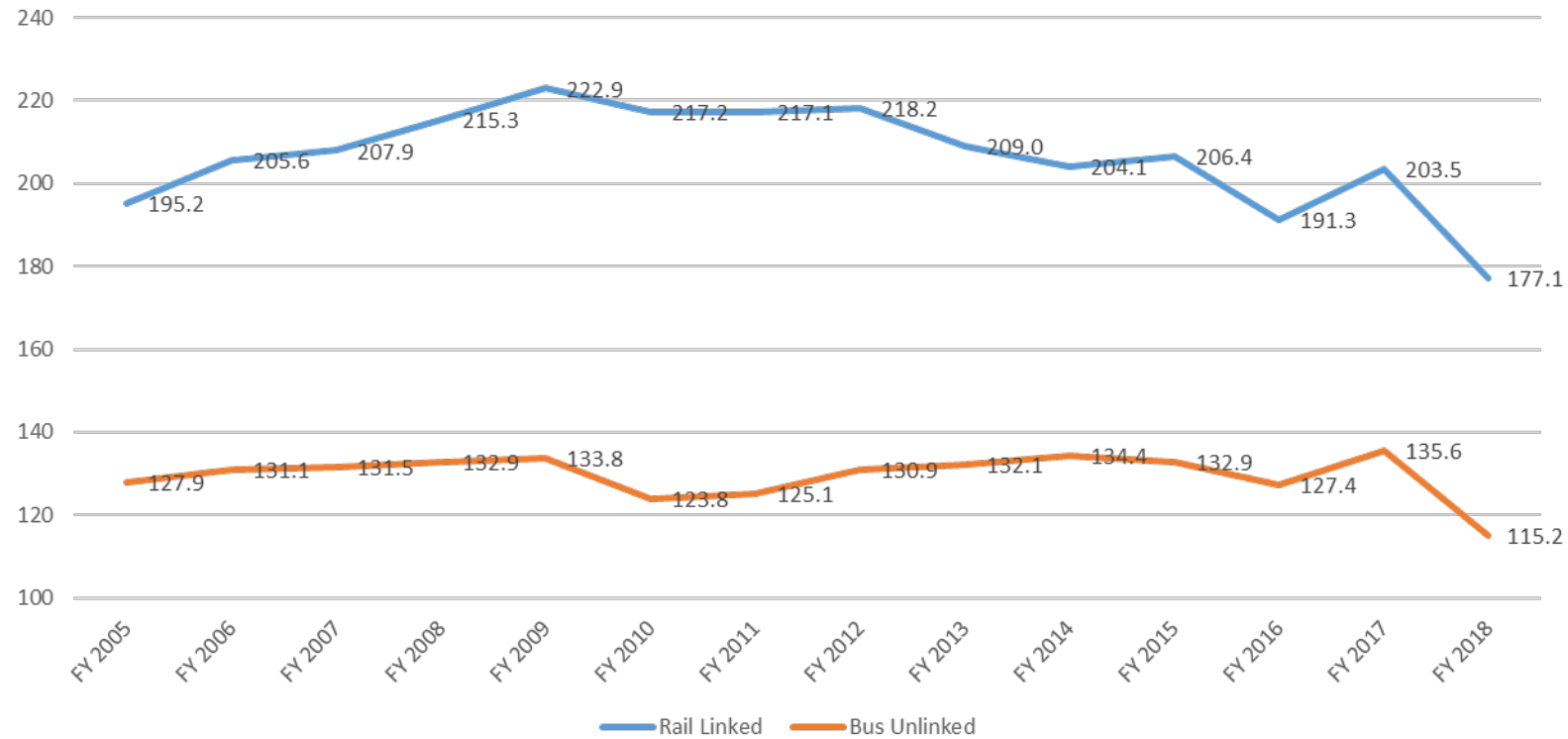
WMATA Historical Subsidy Growth
(in \$MM)



State aid includes DRPT transit operating assistance and gas tax revenues

Annual WMATA Ridership

WMATA Annual Ridership
(in millions)



Funding WMATA Increase with TCF

\$0.125 Commercial & Industrial (C&I) Tax	NVRTA Local Funding
<p>State Code permits spending may be used for “new transportation projects that add new capacity, service, or access and the operating costs directly related to the foregoing”</p> <p>Code of Virginia § 58.1-3221.3</p>	<p>State Code permits spending may be used “for public transportation purposes”</p> <p>Code of Virginia § 33.2-2510</p>

C&I cannot be used for Metro projects funded in FY 2018

- Proposed Metro budget does not add new capacity, service, or access
 - 128 railcars for Silver Line expansion service will not be delivered until FY 2019 or FY 2020
- C&I was not previously used to fund Metro capital expansion; cannot be used for Metro operations in FY 2018

NVRTA Local could be used within eligibilities outlined in the Code of Virginia for Metro FY 2018 capital or operating

- Most NVRTA Local revenues are already programmed in the County Board adopted 10 year CIP
- \$5 million NVRTA Local unprogrammed through FY 2024
 - Anticipated to partially implement the Board-approved TDP ART service expansion:
- FY 2019 – FY 2024, \$3.2M for more ART 41 and ART 74 service on Columbia Pike
 - Funding WMATA would impact existing local projects programmed for NVRTA Local in the CIP and also limit the funds available to implement the TDP

Transportation FY2018 PAYG

FY18 Transportation PAYG

Maintenance Capital Programs	PAYG \$(000)
Paving*	\$3,260
Street Lighting	850
Transportation Systems & Traffic Signals	200
ART Fleet Rehabilitation & Major Repairs	249
Bus Stop & Shelter Program	116
Traffic Calming Device Maintenance	203
Regulatory Signage	70
TOTAL Program Cost	\$4,948

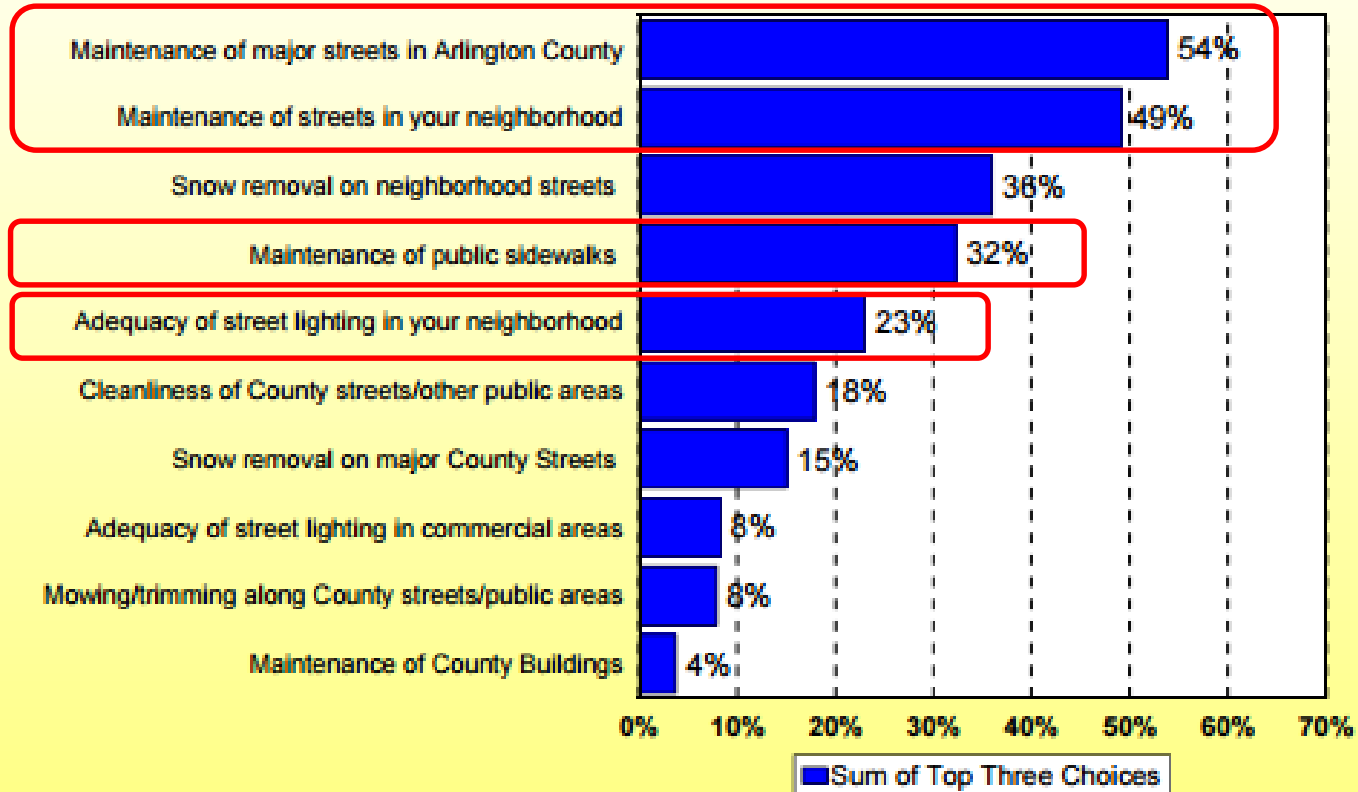
Potential reduction of \$325K

* Additional GO Bonds of \$11.9M will supplement the paving program for FY 2018.

Multimodal Programs	PAYG \$(000)
Parking Meters	\$680
Parking Meters ADA	250
Pedestrian and Bicycle Safety	400
East Falls Church Streets	52
Transportation Asset Management	100
Transit ITS & Security Program	240
Planning & Pre-planning	100
TOTAL Program Cost	\$1,822

Public Works Services That Are Most Important to Improve Over the Next Two Years

by percentage of respondents who selected the item as one of their top three choices



Source: ETC Institute DirectionFinder (2015)

Paving Program = \$3,260K

- Combined PAYG and Bond annual funding of \$12-15 million over 10 years
- Will help increase the Pavement Condition Index from high 60s to high 70s (on a scale of 1-100)

FY16 Accomplishments

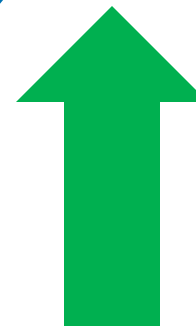


STREET CONDITIONS

- **68** Pavement Condition Index
- **9,988** potholes filled
- **89.4** lane miles paved

Investments in paving are making a difference on Arlington roads

Pavement Condition Index



FY17 = **71**

FY15 = **66**

Traffic Calming Device Maintenance = \$203K



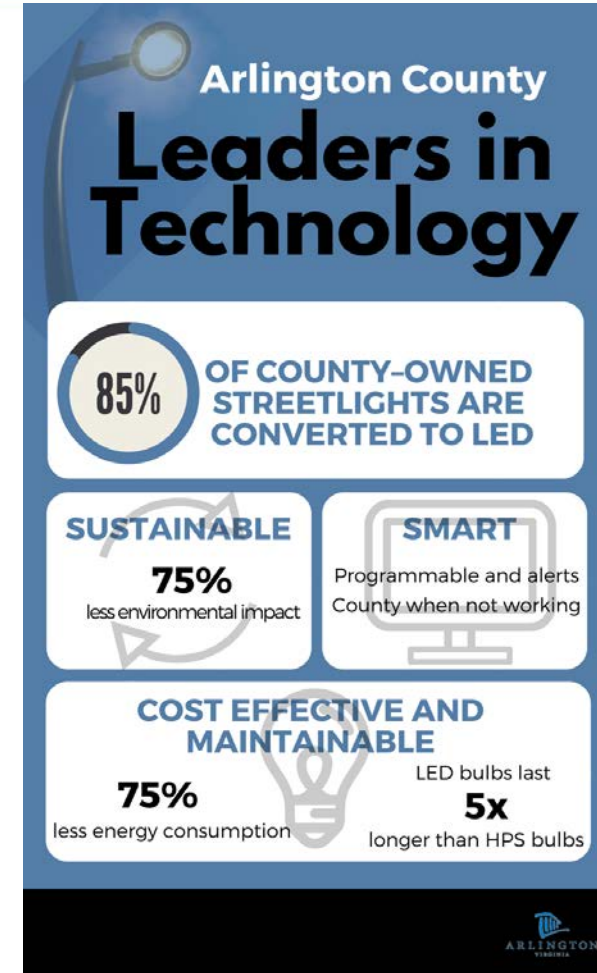
- Funds replacement of traffic calming devices, such as speed humps, as streets are repaved
- Also funds replacement of devices that have deteriorated
- Does not fund replacement of red brick imprints

Street Lighting

- Newer LED technology **does not** address aging streetlight underground infrastructure
- PAYG funding is essential for the maintenance/repair of existing infrastructure

Funding = \$850K in FY18 for:

- Underground repairs (Anticipated to complete 30 major repair projects)
- Managing equipment stock for repairs
- Executing the Streetlight Management Plan



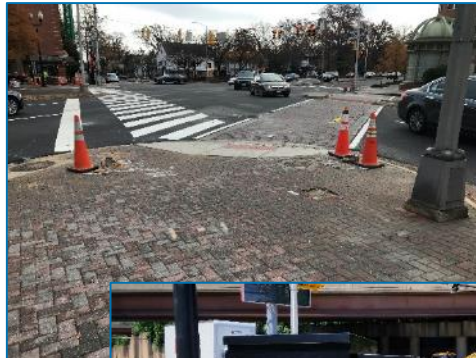
Transportation Systems and Traffic Signals = \$200K

Infrastructure challenges:

- Signal rehabs
- Signal heads
- Cabinet replacement
- Pedestrian push buttons
- Damage pole replacement
- Battery backup
- Power meters
- Flashers

Inventory

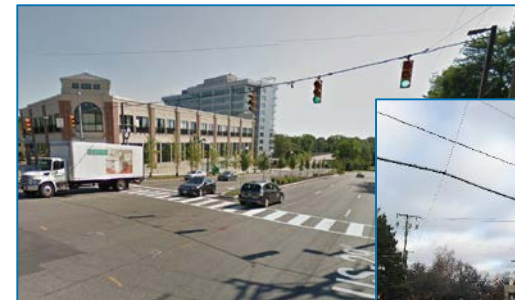
- 296 signals
- 120 signals beyond design life
- 180 traffic cameras



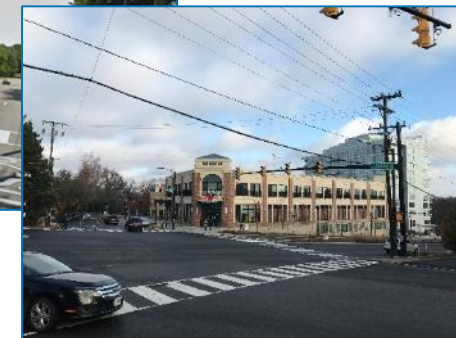
Accomplishments:



Lee Highway and I-66 Off Ramp



Before



After

Lee Highway and Veitch St.

East Falls Church Streets = \$52K

- Partial match to grant funds to rebuild signals for two intersections in the East Falls Church area along North Sycamore Street



North Sycamore Street &
Lee Highway

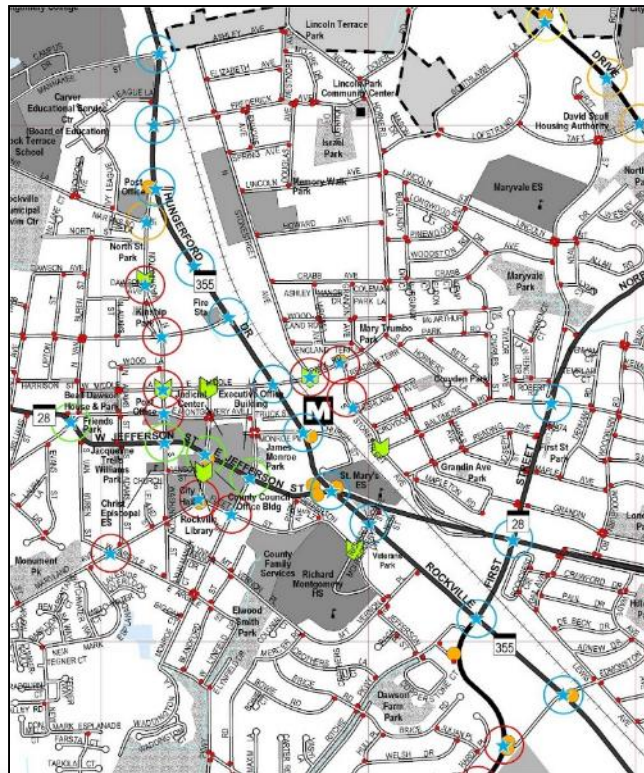
North Sycamore Street &
Washington Boulevard



FY18 Transportation PAYG

Transportation Asset Management = \$100K

- Supports field data collection and Cartegraph integration for Transportation Engineering & Operations
- Improves deployment of resources

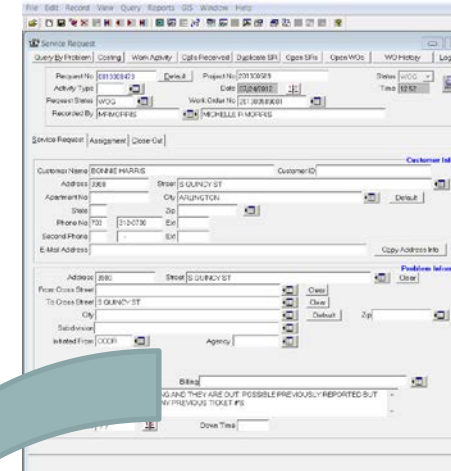


Pedestrian Facilities & Traffic Controls

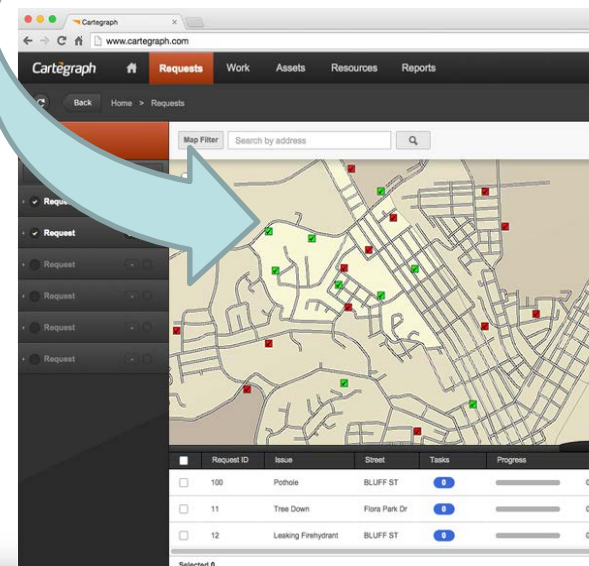
- ★ Pedheads
- ♣ Paddles
- Stop Signs
- Hot Rights
- CITY OWNED/CITY MAINTAINED
- CITY OWNED/COUNTY MAINTAINED
- COUNTY OWNED/COUNTY MAINTAINED
- SHA OWNED/CITY MAINTAINED
- SHA OWNED/COUNTY MAINTAINED




Old System – Text Based



New System – Map (GIS) Based



ART Fleet Rehabilitation and Major Repairs = \$249K

- Leverages state capital grant from DRPT for bus rehab
- Allows for mid-life rehabilitation of bus engines and major components for 12 aging buses
- Helps cover the cost for major repairs for buses with significant mileage
- **Cost effective:** Delays bus replacement costs; reduces maintenance costs
 - *Adds 4 years to useful life, extending bus life from 12 to 16 years of service*



New bus engines waiting to be installed



ART bus undergoing rehab work

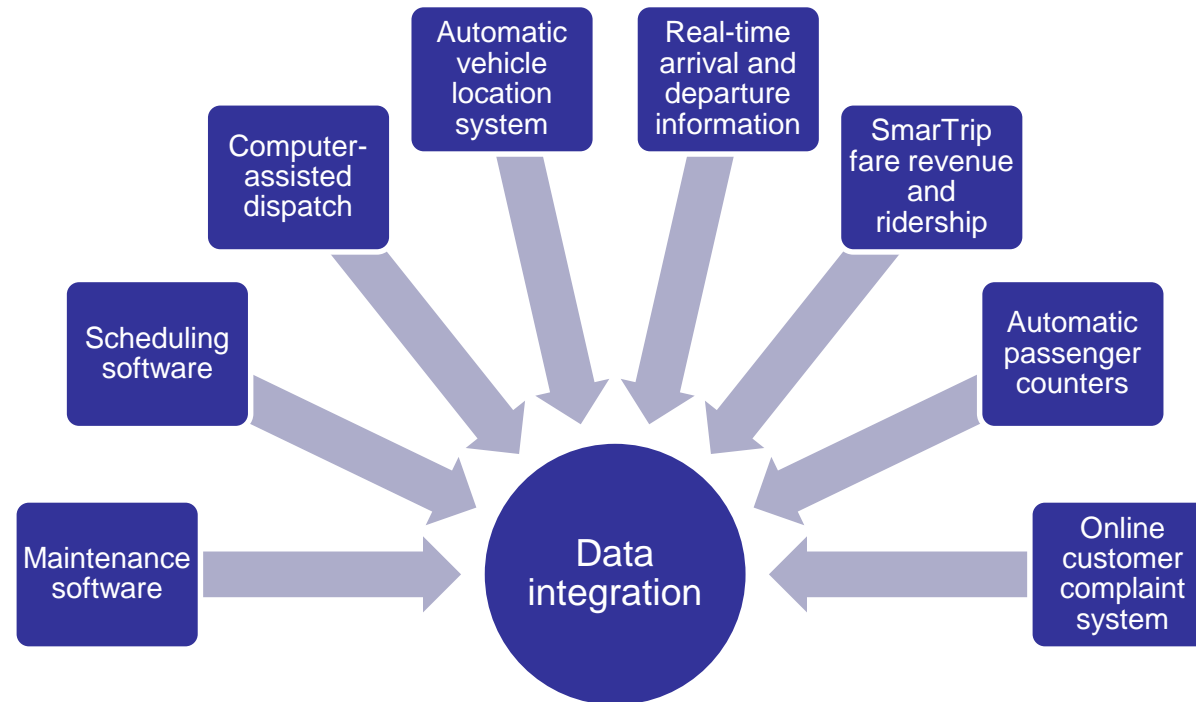
Bus Stop & Shelter Program = \$116K

- Leverages state capital grant from DRPT
- Funds ongoing annual need for scheduled and unscheduled repairs
 - Replace aging shelters and benches
 - Install passenger amenities and fixed bus schedule information



Transit ITS & Security Program = \$240K

- Helps cover cost for Business Intelligence Automation project, a management information system needed to integrate ART's various data sources (leverages state funds)
- Will streamline reporting, including federally required transit data, and provide analytics for evaluating and improving system operations

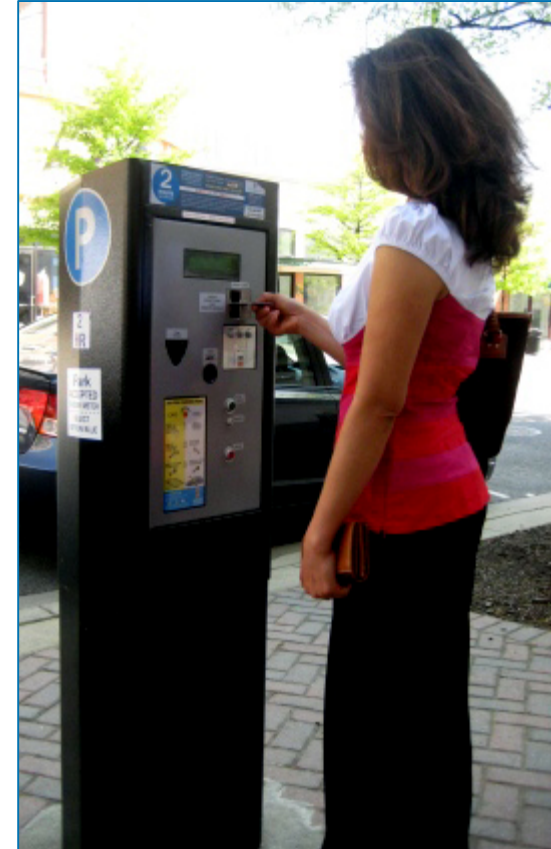


Parking Meters = \$680K

- Acquisition and installation of 80 multi-space parking meters to replace approximately 600 aging/failing mechanical single-space meters
 - Represents replacement only - no new revenue
 - Failure to replace equipment may result in contraction of parking meter program and related revenue
- Multi-meters provide enhanced customer service by allowing credit card payments with transaction receipts

Future Budget Need:

- Additional funding will be needed to replace multi-meters that reach or exceed their useful life
 - Some multi-meters are now >10 years old



FY18 Transportation PAYG

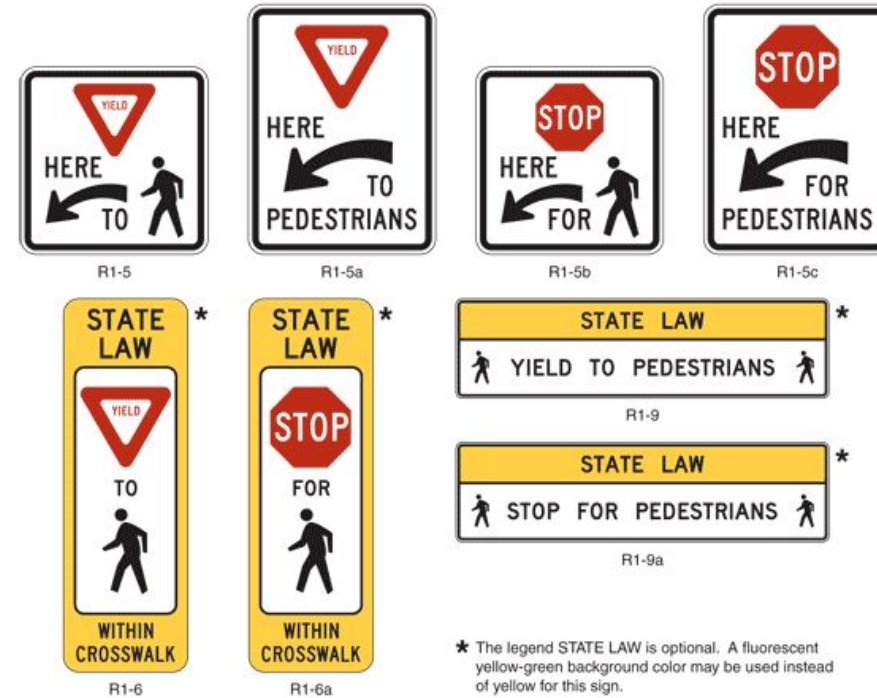
Parking Meters ADA = \$250K

- Funds to install new handicapped reserved metered parking spaces throughout the County, and make accessibility improvements to existing handicapped spaces
- All handicapped spaces will include a smart-meter that accepts both credit card and coin payment
 - These smart-meters allow staff to query transaction data and easily make changes to rate structures



Regulatory Signage = \$70K

- Supports ongoing upgrades to the County's portfolio of over 123,000 regulatory signs in the public right of way
- Addresses new federal rules for sign reflectivity, stop, yield, and other regulatory signs, along with updated rules for sign size standards



Pedestrian & Bicycle Safety = \$400K

- Improve access and increase safety for cyclists and pedestrians, primarily on arterial streets
 - Builds on existing bicycle and pedestrian infrastructure with a vision of achieving the goals of the Master Transportation Plan
- Funding will be used for:
 - Improving pedestrian and bike intersection safety on Arlington Ridge Road at South Lynn Street (\$370K)
 - Installation of wayfinding signage (\$30K)



Capital Project Screening, Pre-Planning = \$100K

- Proper screening/evaluation of potential capital project requests requires upfront feasibility analysis and engineering review by DES staff
- Funding will allow DES to properly scope projects before accepting them:
 - Evaluate project benefits vs. risks
 - Explore easement/right of way needs
 - Identify need for costly utility relocations
 - Examine general level of community support



FY 2018 Budget:
Crystal City, Potomac Yard and Pentagon City
Tax Increment Financing (TIF) &
Transportation Capital Fund (TCF)

County Board Worksession

Tax Increment Financing (TIF)

- TIF fund pays for infrastructure improvements that further revitalization of Crystal City, Potomac Yard and Pentagon City.
- Established in 2010 as an implementation tool for the Crystal City Sector Plan.
- Projects funded via the TIF provide critical transportation and open space infrastructure needed to support future development.



Crystal City Multimodal Center
Scheduled completion: Spring 2017



TIF Increment from 33% to 30%

FY 2018 Proposed Budget recommends reducing the TIF increment from 33 to 30 percent

- Maintains County's commitment to executing the TIF funded projects in the CIP

Proposed FY18 TIF revenues at 30% = \$6.3M

(\$0.6M less than at 33%)

Allows for the reallocation of local tax revenues to fund other high-priority County and School needs

FY 2018 TIF Fund Balance

- Revenues anticipated to increase by \$2.1M from FY 2016 to 2018
- Expenditures anticipated to increase by \$6.1M from FY 2016 to 2018

	FY 2016	FY 2017	FY 2018
(in \$ Millions)	Actual	Re-estimate	Proposed
Opening Balance, July 1	9.3	12.2	13.9
Revenues*	4.2	5.3	6.3
Total Balance & Revenues	13.5	17.6	20.2
Expenses	(1.2)	(3.6)	(7.3)
Closing Balance, June 30	12.2	13.9	13.0

**Includes some federal grant revenues*

1. Commercial and Industrial (C&I) Tax

- Adopted by County Board in 2008 and applied to commercial areas.
- Available for new construction/expansion of roads/transit.
- Has served as a basis for leveraging state, regional and federal transportation funds for major capital projects.
- Vacancy rates impact revenues, resulting in tax fluctuations.
- **\$26.4M anticipated in FY 2018**

2. NVTa Local (30% local allocation from HB 2313)

- In 2013, the General Assembly enacted HB 2313 to generate transportation revenues for Northern Virginia.
- 30 percent of revenues are returned to localities for eligible, locally selected transportation projects.
- Available for new construction, capital improvements that reduce congestion, and public transportation purposes.
- **\$11.9M anticipated in FY 2018**

FY 2018 TCF Fund Balance

Fund expenditures are increasing as more transportation projects proceed through design and into construction

- The \$147.7M closing balance as of June 30, 2016 includes **\$25.4M** of NVTA Local

(in \$ Millions)	FY 2016 Actual	FY 2017 Re-estimate	FY 2018 Proposed
Opening Balance, July 1	132.0	147.7	141.7
Revenues - Tax Increment Area			
Commercial Real Estate Revenues	24.4	25.8	26.4
NVTC Revenues	7.2		
FTA Revenues	1.3		
NVTA Revenues - Regional	1.0		
Other Revenues	1.7		
NVTA Revenues - Local	11.8	11.8	11.9
Total Revenues	47.4	37.6	38.3
Total Balance & Revenues	179.3	185.3	180.0
Expenses	(31.6)	(43.6)	(65.0)
Closing Balance, June 30*	147.7	141.7	115.0

Transit

- \$1.2M Bus Stop Accessibility Improvements
- \$1.1M Transit ITS and Planning
- \$0.7M STAR Call Center Office Space
- \$0.6M ART Fleet Expansion
- \$0.5M Ballston-MU Metro Station West Entrance
- \$0.5M Bus Stops & Shelters
- \$1.9M Other Transit including ART Bus Fareboxes Upgrade, Bus Bay Expansion-EFC Metro Station, ART Satellite Parking Facility, ART Facilities, ART Heavy Maintenance Facility, Court House Metro Station Second Elevator, TDP & ART Asset Mgt. Plan

Projects/programs in blue font have grant funds as part of their funding plan

Planned Uses of \$25.4M Balance

Complete Streets

- \$6.0M Transportation Systems & Traffic Signals
- \$2.4M Walter Reed Dr. - 5th St. to Columbia Pike
- \$1.3M Old Dominion Drive Pedestrian Improvements
- \$0.8M Pershing Drive Complete Streets project
- \$0.7M East Falls Church Streets
- \$0.7M Intelligent Transportation Systems
- \$0.6M Neighborhood Complete Streets
- \$0.6M Military Road - Nellie Custis Dr. to 38th St. N.
- \$0.6M Walter Reed Dr. - Arlington Mill to Four Mile Run
- \$0.5M Strategic Network Analysis & Planning
- \$4.6M Other Complete Streets including Lacey Lane Sidewalks, Capital Bikeshare, Arlington Blvd and Irving St., Glebe Road - Henderson Rd. to Pershing Dr., Carlin Springs Rd. - Vermont St. to Edison St. , Safe Routes to Schools, Old Dominion Drive Missing Link, Arlington Blvd. and Manchester St., Arlington Blvd. and Park Dr.

Projects/programs in blue font have grant funds as part of their funding plan

Schedule drivers the County can influence, not control

- **Funding / regulatory agencies:** Reviews and approvals by VDOT and other agencies can affect schedules
- **Utilities:** Work needs to be coordinated and sequenced with Dominion Virginia Power, Washington Gas, Verizon, etc., which set their own schedules
- **Right of way:** Requires negotiation with and approval by property owners
- **WMATA:** Projects involving Metro require extensive coordination and associated agreements

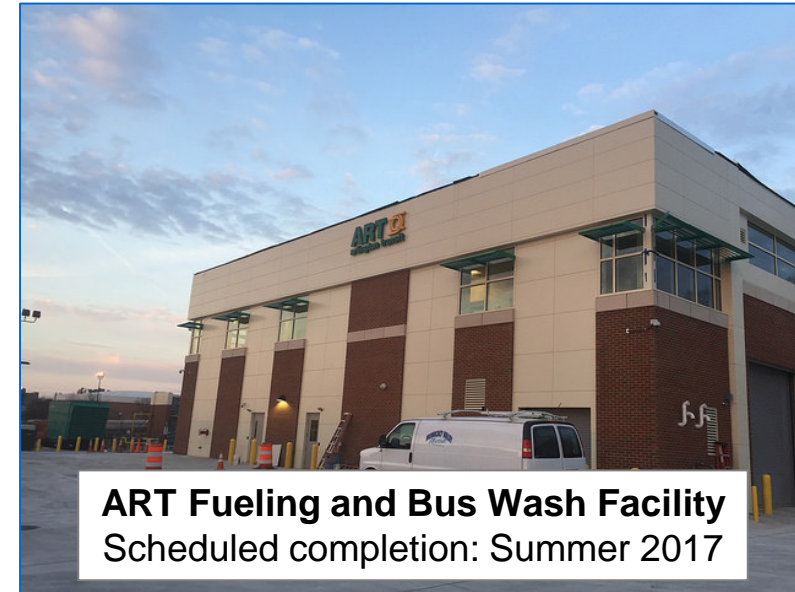
Recent steps to increase transportation improvement throughput

- **Partnered with VDOT** - Lynn Street Esplanade
 - *Transferring construction phase to VDOT expands Arlington's capacity to deliver its capital program*
- **Developer partnership projects** - Ballston Quarter, Red Top Cab
 - *Developer designs and builds public infrastructure improvements, which are reviewed, approved and funded by Arlington*

Recent Transportation Projects



**Leased ART Satellite
Parking Facility**
Opened Winter 2017



ART Fueling and Bus Wash Facility
Scheduled completion: Summer 2017



Capital Bikeshare Expansion
12 new stations in FY 2017



**Old Dominion Drive
Improvements**
Scheduled completion:
Spring 2017

Construction in FY 2018

FY18 is shaping up to be a banner year for construction across the County



Streets

- Columbia Pike Four Mile Run to Fairfax County Line - Utility undergrounding
- Carlin Springs Road Bridge
- Clarendon Circle Improvements
- Rosslyn Esplanade - Lynn Street and Custis Trail Improvements
- “Five Points” (Lee Highway/N. Quincy St./Military Road) Improvements
- Arlington Blvd. at Irving St., Park Dr. and Manchester St. Intersection Improvements
- Glebe Road and Lee Highway Intersection Improvements - Utility undergrounding
- N. Manchester St. Sidewalk Widening & N. Manchester St. at 5th St. N. Intersection Improvements
- Long Bridge Drive - Phase 2
- Elevated Clark/Bell Streets Deconstruction
- Wilson Blvd. at N. Hudson St. Intersection Improvements

Transit

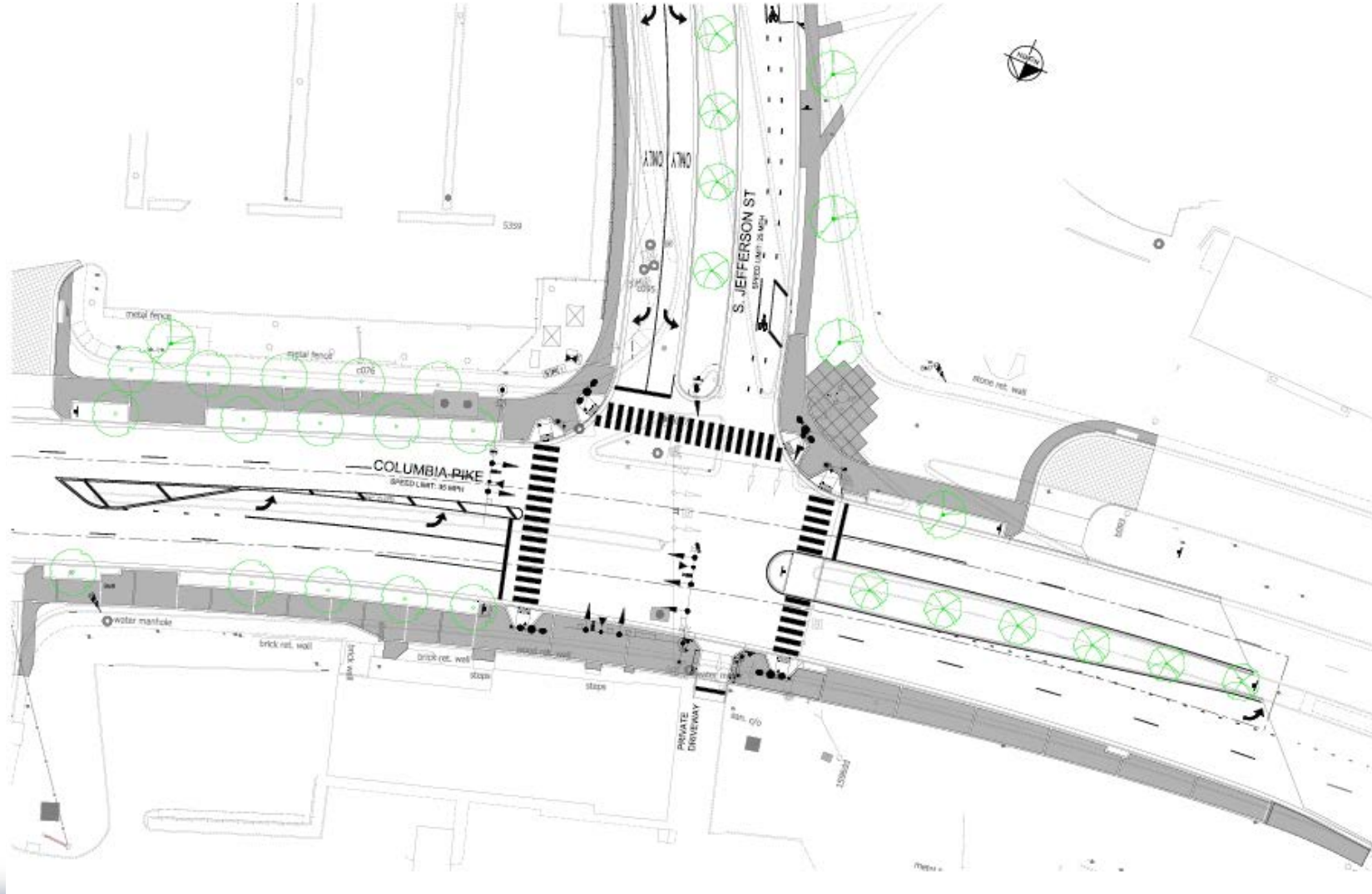
- Ballston Station Multimodal Improvements
- Bus Stop Improvements

Bike/Ped

- Washington Boulevard Trail - Phase 2
- Columbia Pike Bike Boulevard
- 9th St. S. from Wayne to Highland St.
- 12th St. S. at Walter Reed Dr.
- Custis and W&OD Trail Safety Improvements

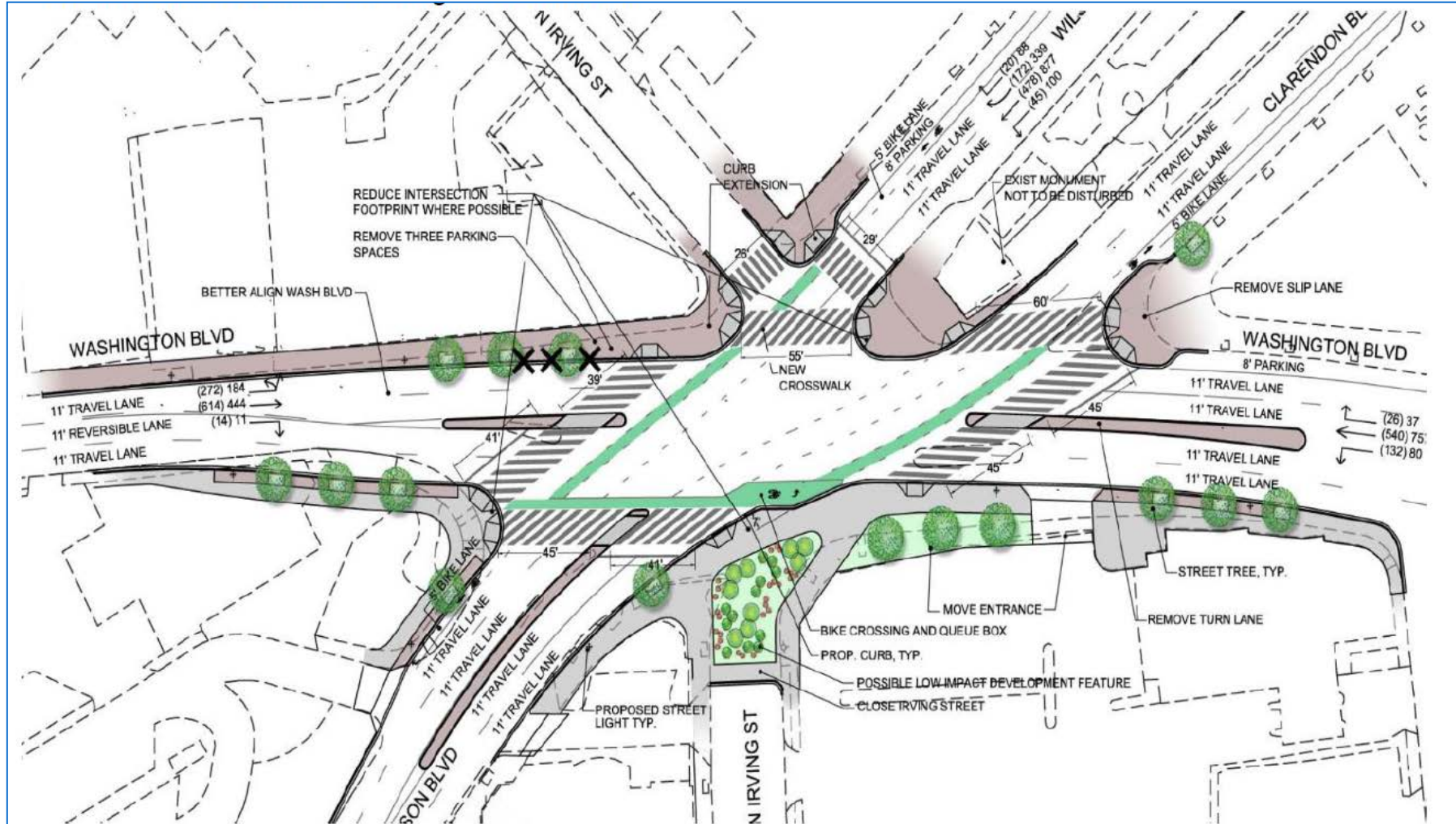
FY 2018 Construction Starts

Columbia Pike Four Mile Run to Fairfax County Line - Utility Undergrounding



FY 2018 Construction Starts

Clarendon Circle Improvements



Ballston Station Multimodal Improvements



Elevated Clark/Bell Streets Deconstruction



Rosslyn Esplanade - Lynn Street and Custis Trail Improvements



FY18 ART Fleet Expansion



Neighborhood Complete Streets program (+2.0 FTEs/TCF):

- Traffic Engineer (Traffic Engineering & Operations Bureau)
 - Perform preliminary work such as data collection and analysis, develop sign and marking plans, and attend community meetings. May also develop initial concept plans.
- Design Engineer (Engineering Bureau)
 - Develop detailed plans based on the initial scope of work, and coordinate with the traffic engineer as necessary. (2nd half of FY18)

Transportation Capital program (+2.0 FTEs/TCF & -1.0 FTE/TIF):

- Management & Budget Specialist (DES Director's Office)
 - Support the transportation capital program as level of funding and number of funding sources have increased
- Reallocate 1 FTE in DES Real Estate from TIF to Transportation Capital Fund (TCF)

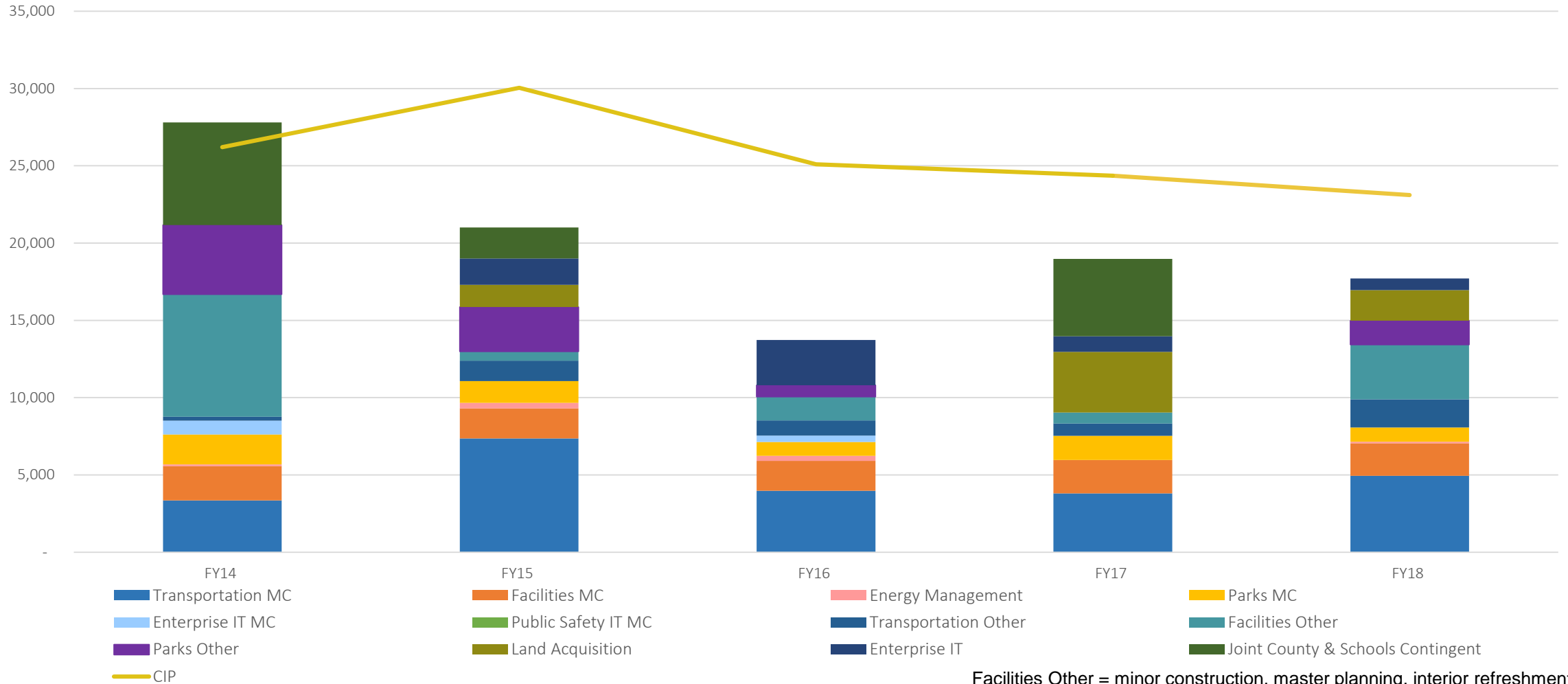
General Fund PAYG and Master Lease

Proposed FY 2018 Budget Highlights

- In aggregate, the FY18 PAYG proposal represents an annual snapshot of medium-to-long term investment in the Arlington community.
- Fourth consecutive year in which PAYG funds have fallen short of the adopted CIP budgets.
- FY18 shortfall of nearly \$5.4M (23.4%)
- Unique funding model that uses prior-year carryover to fund following year's PAYG budget.

PAYG Funding by Fiscal Year versus CIP Planning

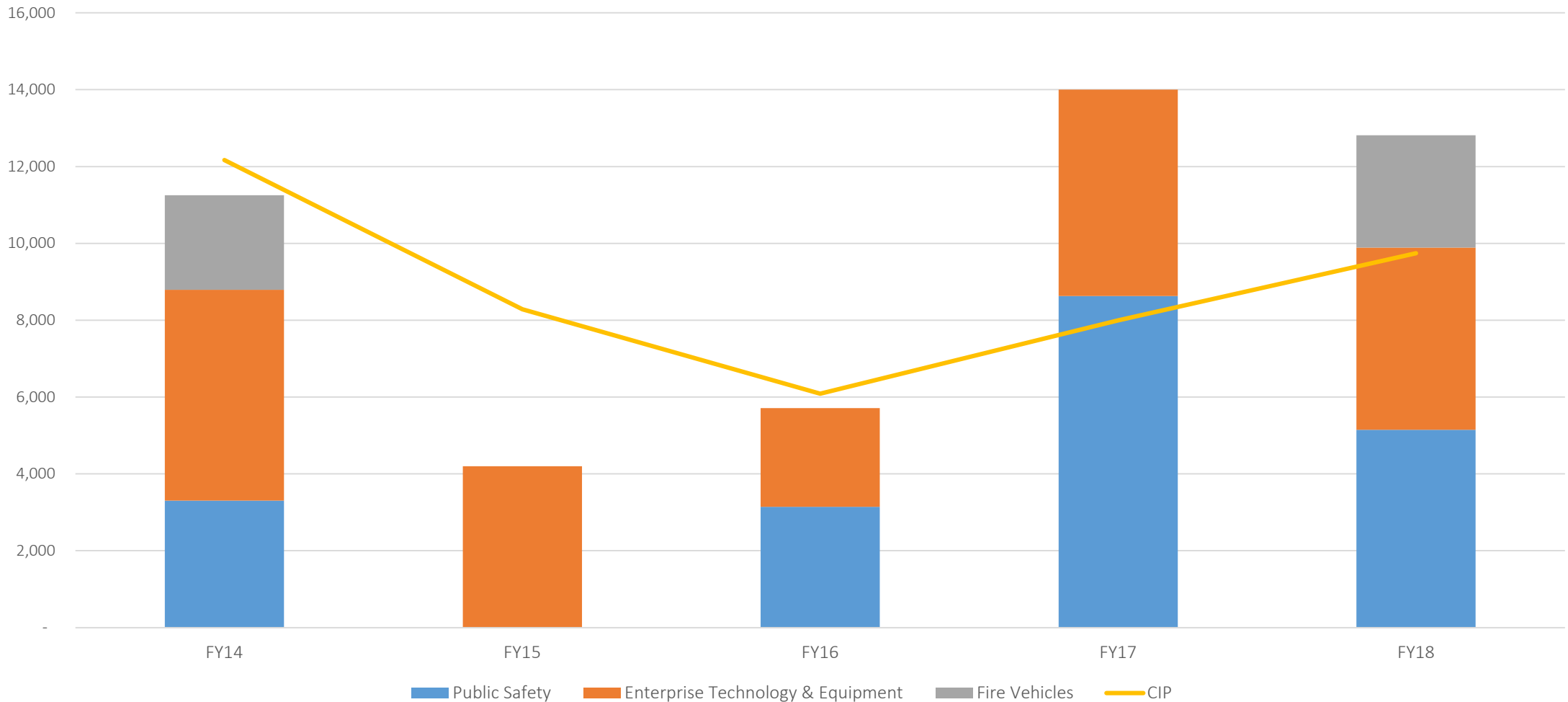
FY 2014 - FY 2018



Facilities Other = minor construction, master planning, interior refreshment
 Parks Other = Synthetic turf, parks land acquisition

Master Lease Funding by Fiscal Year versus CIP Planning

FY 2014 - FY 2018



- **Land Acquisition** – Proposed land acquisition amount of \$1,976,000 in one-time PAYG funding. Reduce one-time funding by \$411,856 for total \$1,564,144.
 - Growing portfolio of land may be required to meet service and resident needs.
 - Reduces resources to quickly respond to opportunities as they arise.
- **Paving** - Proposed one-time paving funding of \$650,000. Reduce one-time funding by \$325,000 for total one-time funding of \$325,000.
 - Reduction provides total PAYG investment of \$2,935,104.
 - Reduced funding would slow progress toward desired PCI goal.

FY 2018 Proposed PAYG

PAYG PROJECTS (\$ in 000s)

PROGRAM CATEGORY	Base Funds	One-Time Funds	FY 2018 Proposed	FY 16 C/O Funds for FY 17 Projects	Total Funds
Transportation Maintenance Capital	\$838	\$1,050	\$1,888	\$3,060	\$4,948
Facilities Maintenance Capital	1,594		1,594	600	2,194
Parks Maintenance Capital	770	150	920	12	932
Subtotal Maintenance Capital	3,202	1,200	4,402	3,672	8,074
Regional Partnerships	1,263	-	1,263	-	1,263
Neighborhood Conservation	500	-	500	-	500
Information Technology	-	300	300	449	749
Transportation Multi-Modal	812	350	1,162	660	1,822
Park Master Plans	265		265		265
Synthetic Turf				1,295	1,295
Facilities Design and Construction	585	485	1,070	2,500	3,570
Land Acquisition	-	1,976	1,976		1,976
Capital Contingent	248	350	598	-	598
Subtotal Other Capital	3,673	3,461	7,134	4,904	12,038
Total Projects	\$6,875	\$4,661	11,536	\$8,576	\$20,112

* Numbers may not add due to rounding.

FY 2018 Proposed - \$1,263,103

- **Northern Virginia Regional Park Authority** **\$588,951**

The Northern Virginia Regional Park Authority (NVRPA) is a multi-jurisdictional agency comprised of Arlington County, Fairfax County, Loudoun County, and the Cities of Alexandria, Falls Church, and Fairfax. The Park Authority owns and operates over 10,000 acres of parklands with 21 major parks, including Potomac Overlook, Upton Hill and the W&OD Regional Parks in Arlington. This capital funding for FY 2018 represents Arlington's annual contribution to NVRPA's capital program and is based on the percentage of population of the six jurisdictions.
- **Northern Virginia Community College** **\$528,026**

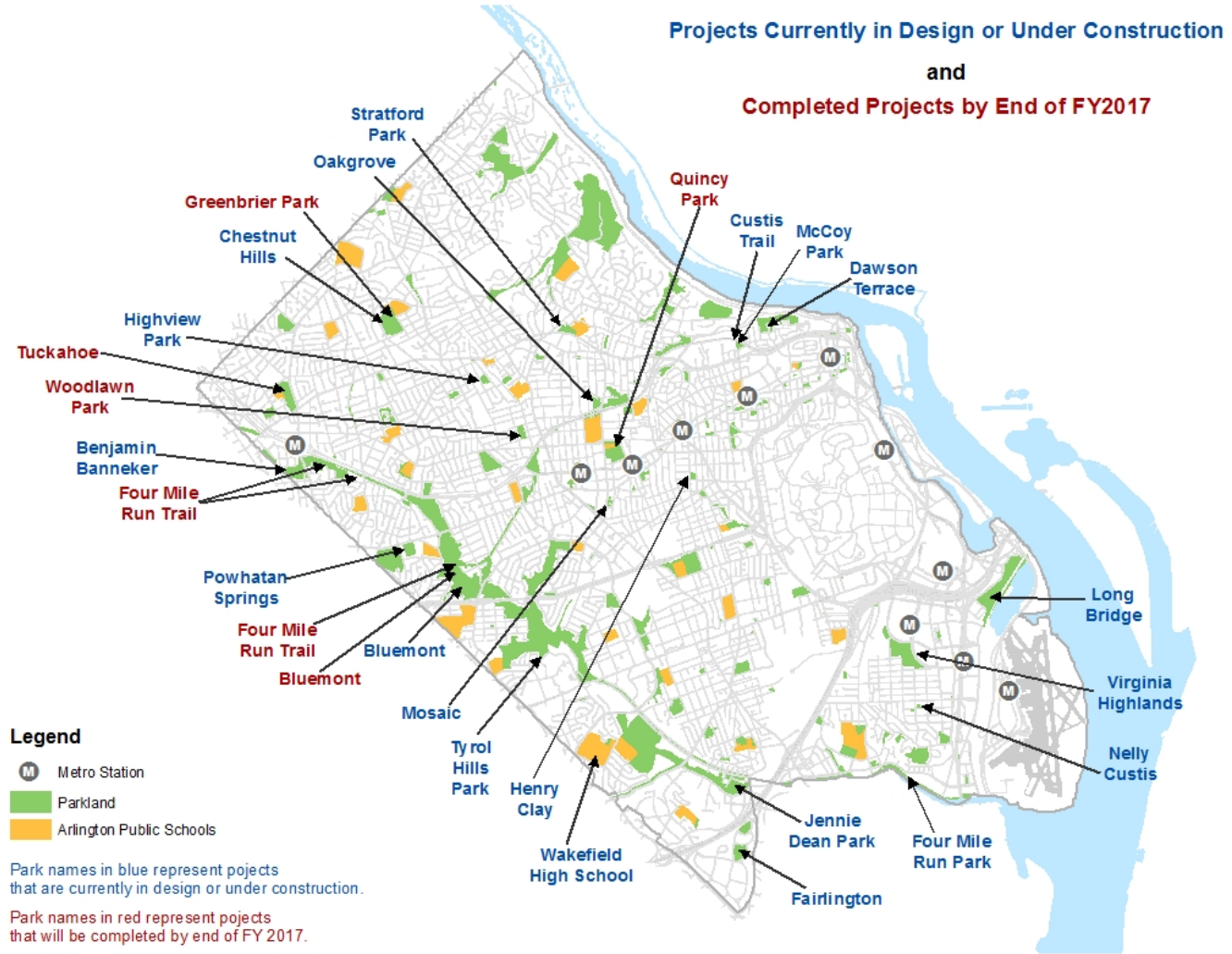
This funding represents the County's ongoing capital contribution to the Northern Virginia Community College (NVCC) program for land acquisition and site development of all campuses. Arlington is one of nine jurisdictions that share costs associated with NVCC's capital program. The FY 2018 budget is based on a \$2.25 allocation for each person living in Arlington.
- **Northern Virginia Criminal Justice Academy** **\$146,126**

In 2006, the principal members agreed to fund the construction of the Emergency Vehicle Operations Center (EVOC). The initial payments began in FY 2007 and will continue through FY 2026. The FY 2018 budget reflects Arlington's contribution towards the annual debt payments of the EVOC.

Department of Parks and
Recreation
FY 2018 PAYG

Current Projects

Completed Projects by End of FY2017 and Projects Underway



Completed Projects FY2017

Bluemont Park
(diamond field #3)



Greenbrier Park
(synthetic turf replacement)
County/Schools cost share



Parks Maintenance Capital

Completed Projects FY2017

Quincy Park
(playground, volleyball court)



Tuckahoe Park
(two athletic fields)



Completed Projects FY2017

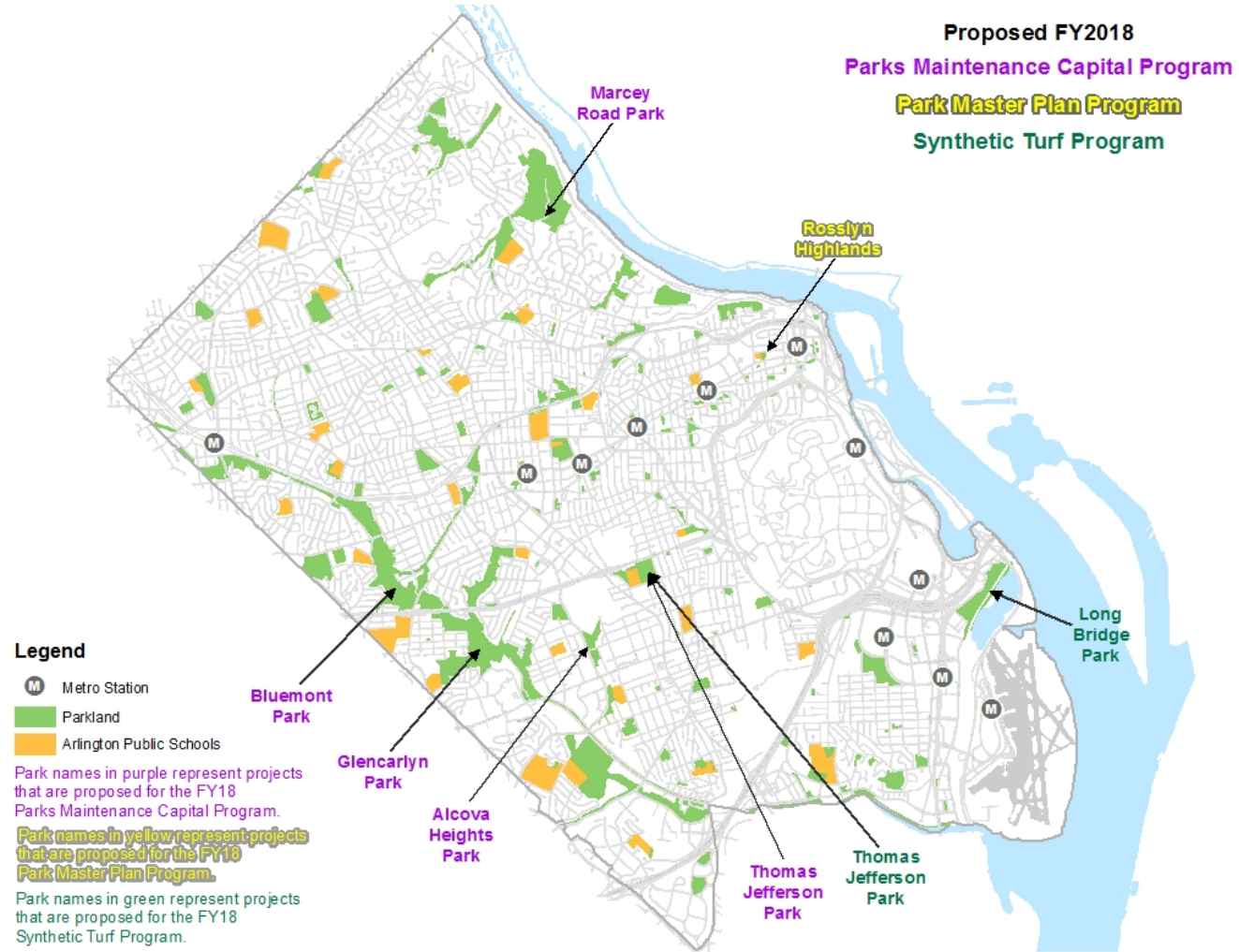
Woodlawn Park NC Project
(playground)



Four Mile Run Trail
(mill and repave four areas)



Proposed FY18 Projects



Proposed FY2018 Parks Maintenance Capital

Parks Maintenance Capital Program FY 2018 Project List		
Project Name - Description	PAYG (P) Bond (B)	*Total
Bluemont Park – Design. The project is for replacement of tennis courts, lighting, restroom/storage, picnic shelter, parking lot, adjoining section of Four Mile Run Trail, site circulation, site furnishings, drainage, and landscaping.	\$575,000 (B)	\$575,000
Alcova Heights Park – Design and construction for replacement of basketball court, lights, restroom, playground, sand volleyball, picnic shelter, site circulation, site furnishings, signage, fencing, drainage and landscaping. This project will be broken into two phases per where 8 th Street S. cuts the park in two. <i>(originally budgeted in the CIP at \$4m for full project but will be reallocating \$1.605m to Glencarlyn Picnic Shelter)</i>	\$2,395,000 (B)	\$2,395,000
Marcey Road Park – Design. The project is for replacement of the tennis courts, basketball court, lights, gazebo, site circulation, site furnishings, drainage and landscaping.	\$350,000 (B)	\$350,000
TJ Park – Framework plan and conceptual design. The project is for replacement of the tennis courts, basketball courts, lights, track, fitness stations, playground, athletic fields, entry feature, site circulation, site furnishings, signage, fencing, drainage, and landscaping.	\$575,000 (B)	\$575,000
Glencarlyn Picnic Shelter – Design and construction. The project includes the demolition, site work, replacement of the large picnic shelter and parking lot, site amenities (picnic tables, grills and trash cans), pathways, accessibility improvements, landscaping, tree protection and storm water facilities. (Will utilize a portion of the bond funds originally allocated to Alcova Heights for construction)	\$370,000 (P) \$1,605,000 (B)	\$1,975,000
Capital Asset Manager – Maintenance Capital Program Staff. Staff resources to manage the capital asset program.	\$150,000 (P)	\$150,000
Field Fund Program – The fees assessed for rectangular fields are to support replacement and construction of synthetic turf fields in the County (annual estimate of \$180,000). The fees assessed on diamond fields (annual estimate of \$70,000) are to be used for specific diamond field enhancements, such as improved irrigation, batting cages, or accelerated sod replacement. Additional funds (\$12,000) in FY 2018 are attributable to the September 2016 reconciliation of actual fees collected versus the projected Capital FY 2018 budget.	\$262,000 (P)	\$262,000
Feasibility Studies – These funds will provide the ability to conduct timely and relevant analysis and studies as opportunities arise. The program is meant for new planning initiatives that are outside current CIP projects. Examples are potential planning and analysis needs for parks and sites associated with site plan proposals, Arlington Public Schools proposals, affordable housing proposals, or land acquisition opportunities.	\$150,000 (P)	\$150,000
* Total program funding includes new FY 2018 PAYG funding as well as approved bonds from the 2016 Referenda.	PAYG GO Bond	
	\$932,000 \$5,500,000	\$6,432,000

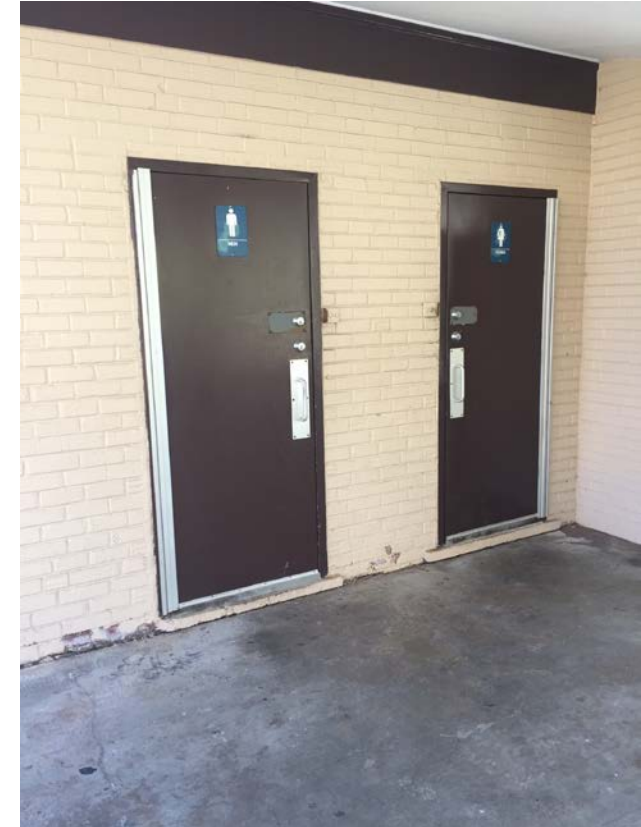
Alcova Heights Park

Replacement of basketball courts, lights, restroom, playground, sand volleyball, picnic shelter, site circulation, site furnishings, signage, fencing, drainage and landscaping. A framework plan will be developed for the park, then separated in to 2 phases separated by 8th Street South. The project funds Phase I final design and construction.



Bluemont Park

Design for replacement of tennis courts, lighting, restrooms/storage, picnic shelter, parking lot, adjoining section of Four Mile Run Trail, site circulation, site furnishings, drainage and landscaping



Glencarlyn Park

Design and construction for replacement of large picnic shelter, parking lot, site amenities, site circulation, accessibility improvements, landscaping, tree protection and storm water facilities



TJ Park

Framework plan and conceptual design for replacement of tennis courts, basketball courts, lights, track, fitness stations, playground, athletic fields, entry feature, site circulation, site furnishings, signage, fencing, drainage and landscaping



Marcey Road Park

Design for replacement of tennis courts, basketball court, lights, picnic shelter, site circulation, site furnishings, drainage and landscaping.



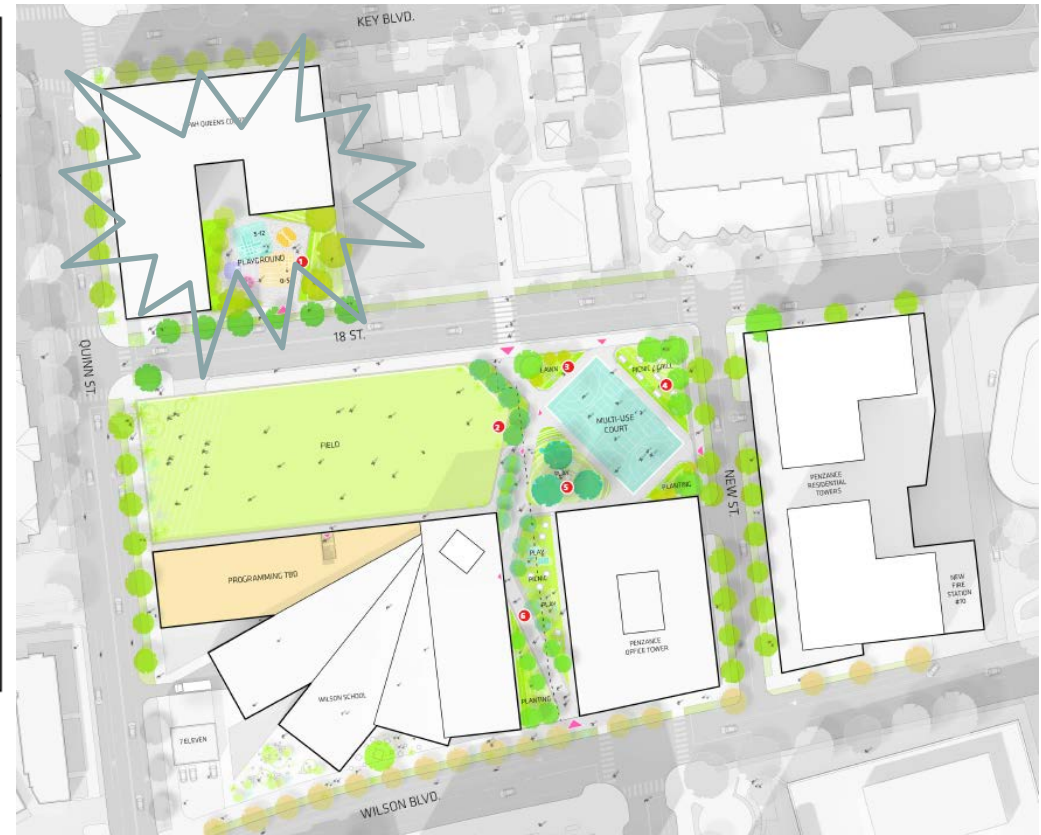
- **Capital Assets** – Capital Assets Manager position
- **Field Fund Program**
 - \$180,000 towards funds for new synthetic field location
 - \$70,000 towards annual improvement to diamond fields as recommended by Diamond Sports Field Fund Work Group
- **Feasibility Studies** – Funds consultant analysis, studies and planning to support exploratory initiatives that are outside current CIP projects

Proposed FY18 Synthetic Turf Program

Synthetic Turf Program FY 2018 Project List		
Project Name - Description	PAYG (P) Other (O)	*Total
Long Bridge Synthetic Field #1 (Marymount) - Design and construction. Replacement of synthetic field #1 (Marymount field) at Long Bridge. The project includes demolition, site work, replacement of the synthetic turf and Brock pad, site amenities (shade, flagpole, athletic equipment). Cost share with Marymount University (50-50).	\$700,000 (P) \$700,000 (O)	\$1,400,000
TJ Synthetic Community Field - Design and construction. Replacement of synthetic field at TJ. The project includes demolition, site work, replacement of the synthetic turf, site circulation, site amenities (shade, fencing on the west end of field, athletic equipment, trash cans). Cost share with APS (County 70%, APS 30%)	\$595,000 (P) \$255,000 (O)	\$850,000
* Total program funding includes new FY 2018 PAYG funding as well as contributions from other organizations.	PAYG Other	
	\$1,295,000 \$955,000	\$2,250,000

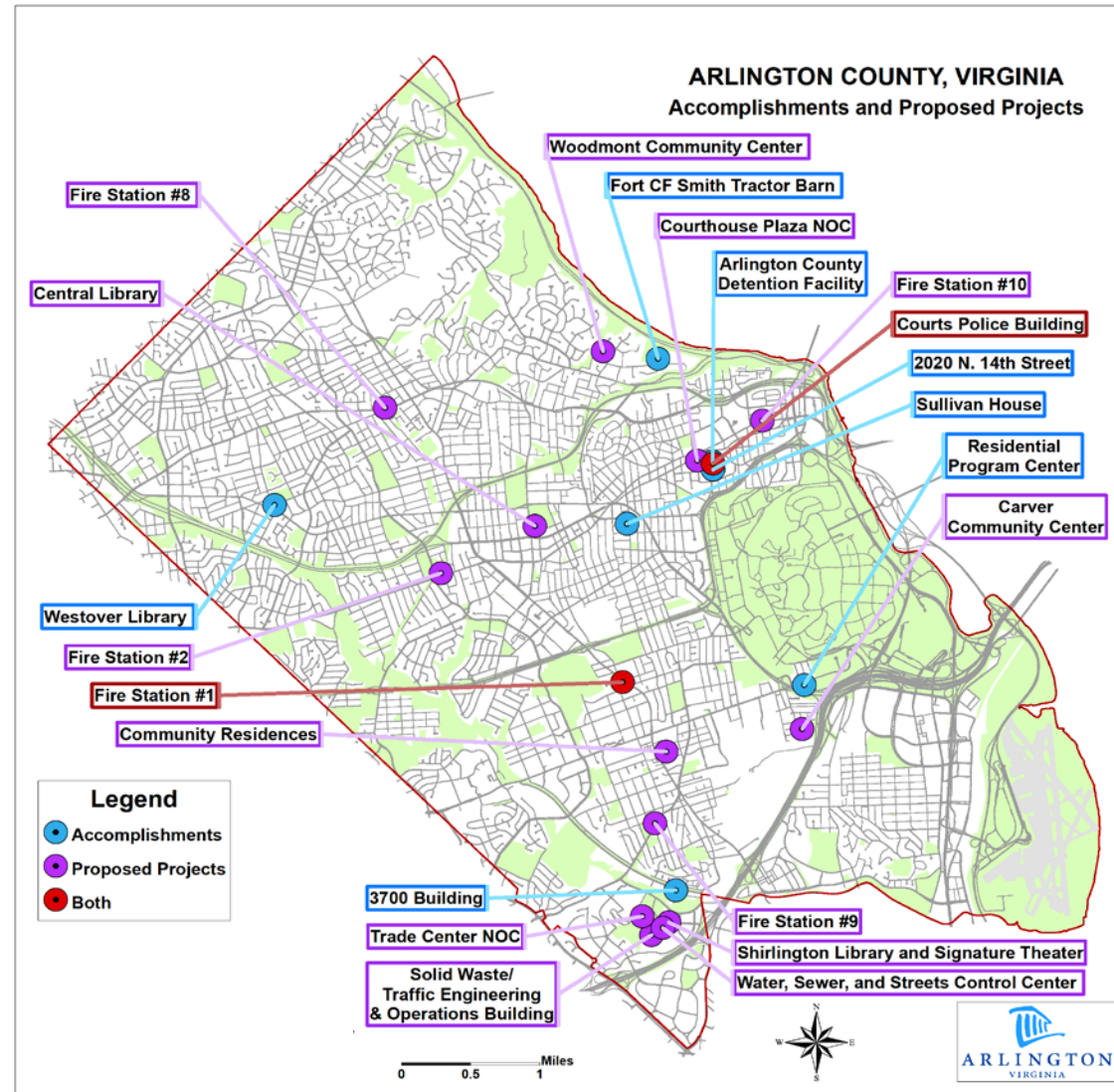
Park Master Planning

Project Name - Description	PAYG (P)	*Total
<p>Rosslyn Highland Park + - Rosslyn Highlands Park + will be a dynamic park in the heart of Rosslyn. The park is one component of an even bigger project that includes school, residential, and office development. In the fall of 2015, Arlington County worked with the community to develop a conceptual plan for a new Rosslyn Highlands Park and the other public spaces associated with the Western Rosslyn Area Plan (WRAPS). These spaces include County and School property and an open space associated with an affordable housing project at the north side of 18th Street North and open space associated with a private development project. The park master plan was adopted by the County Board in July 2016. This project is for final design of the open space associated with the affordable housing project. The work was moved up from FY 2019 in the CIP in order to correspond to the timing of the affordable housing project on the same site.</p>	\$265,000 (P)	\$265,000



Facilities and Engineering FY2018 PAYG

FY17 and FY18 Mapped Projects

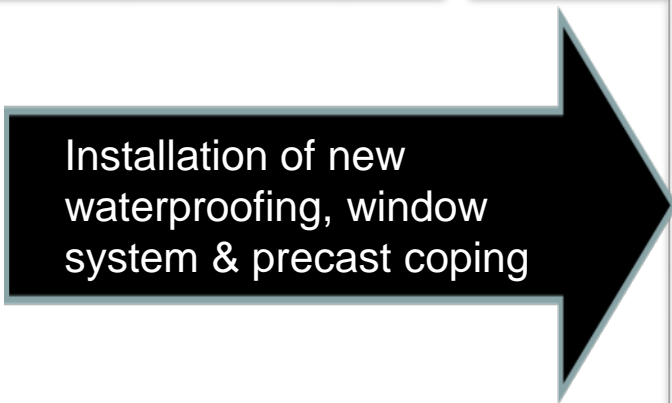


FY17 Projects

Bureau	Renovations	Cost (000's)
Facilities Maintenance		
Westover Branch Library	Envelope repairs	\$670
Detention Facility	Electrical power upgrades	\$3,400
Fire Station #1	Replacements of apparatus bay doors, fire alarm control panel	\$503
Fort CF Smith Tractor Barn	Roof refurbishment & exterior envelope refresh	\$184
Sullivan House	Roof replacement	\$167
Residential Program Center	Restroom refresh	\$538
*Fire Station #1, 2, 9 and WSS Building	Generator replacement (FY16 closeout funds)	\$600
FF&E		
Courts Police Building	Chairs for Police Department	\$88
Facilities, Design & Construction		
2020 Building	Garage structural concrete repairs	\$755
3700 S Four Mile Run	Corrective actions on accessibility deficiencies	\$473
*Fire Station #8	Land acquisition and temporary fire facility (FY16 closeout funds)	\$2,500
*In progress	Total Investment: \$9,878	

FY17 Facilities Accomplishments

Westover Branch Library - Envelope Repair - \$670K



Corrective work performed on water infiltration at various locations

Fire Station #1 - Apparatus Bay Door Replacement - \$459K

500 Glebe Road



Original Overhead Doors



New Bi-fold Doors

- ☑ Replacement of six apparatus bay doors
- ☑ New bi-fold doors reduce maintenance/damage repair

Sullivan House - Roof Replacement - \$167K

3103 N. 9th Road



Original Roof (1998)



New Roof

Replacement of the roof with a 20-year Energy Star Cool Roof

Residential Program Center - Restroom Refresh - \$538K

1554 Columbia Pike



Original Restroom (1994)



Refreshed Restroom

Total renovation to 11 restrooms and showers

2020 Building - Garage Structural Concrete Repair - \$755K

2020 N. 14th Street



Demolition Work (1966)



Completed Repairs

- ☑ 45,000SF (four levels) of structural concrete repair
- ☑ Full and partial depth concrete repairs

3700 Building - Corrective Actions on Accessibility Deficiencies - \$473K

3700 S Four Mile Run Drive



Automatic Door Opening System



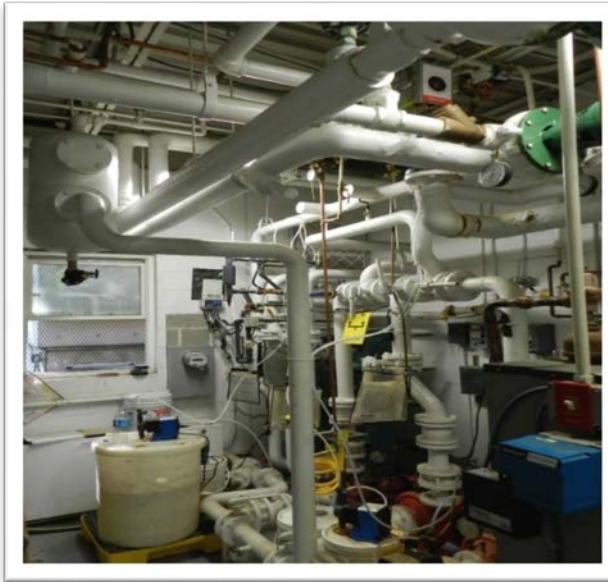
Accessible Ramp

- ☑ Corrective actions to remedy accessibility deficiencies identified
- ☑ Minimum construction activity inside and outside to prevent interruption of facility operations

Facilities Maintenance Capital

Facilities Management Bureau- FY18 PAYG Project List				
Project Name	Description	PAYG	Bond	Cost(000's)
1. Shirlington Library/Signature Theater/Trades Center NOC-BAS Replacement	Replace building automation system (BAS). Companion project to energy management. FY18 Shirlington Library retro-commissioning project	-	\$250	\$250
2. Solid Waste/Transportation, Engineering and Operations Building	Building interior refresh with HVAC and BAS replacement	-	\$1,050	\$1,050
3. Central Library	Replace all deteriorated exterior doors	\$300	-	300
4. Courts Police Building	Replace cooling tower, boiler, pumps, controls	\$295	\$2,108	\$2,403
5. Fire Station #2	Replace overhead doors to garage bay	-	\$350	\$350
7. CHP NOC fire suppression system replacement	Replace obsolete Halon system with recommended NFPA material	\$110	-	\$110
8. Program Contingency		\$250	-	\$250
Subtotal		\$955	\$3,758	\$4,713
Total FY18 PAYG Request		\$955		

**Solid Waste/Traffic Engineering & Operations Building -
Mechanical & Interior Refresh Project - \$1.05 M**
4300 S 29th Street



Original HVAC System (1988)

- Design for HVAC replacement and Building Automation System (BAS)

Central Library - Exterior Door & Storefront Replacement - \$300K 1015 N Quincy Street



Original Exterior Doors and Storefronts (1992)

- Replace all exterior doors and storefronts

Courts Police Building - Chiller and Control Replacement - \$2.4M 1425 N Courthouse Road

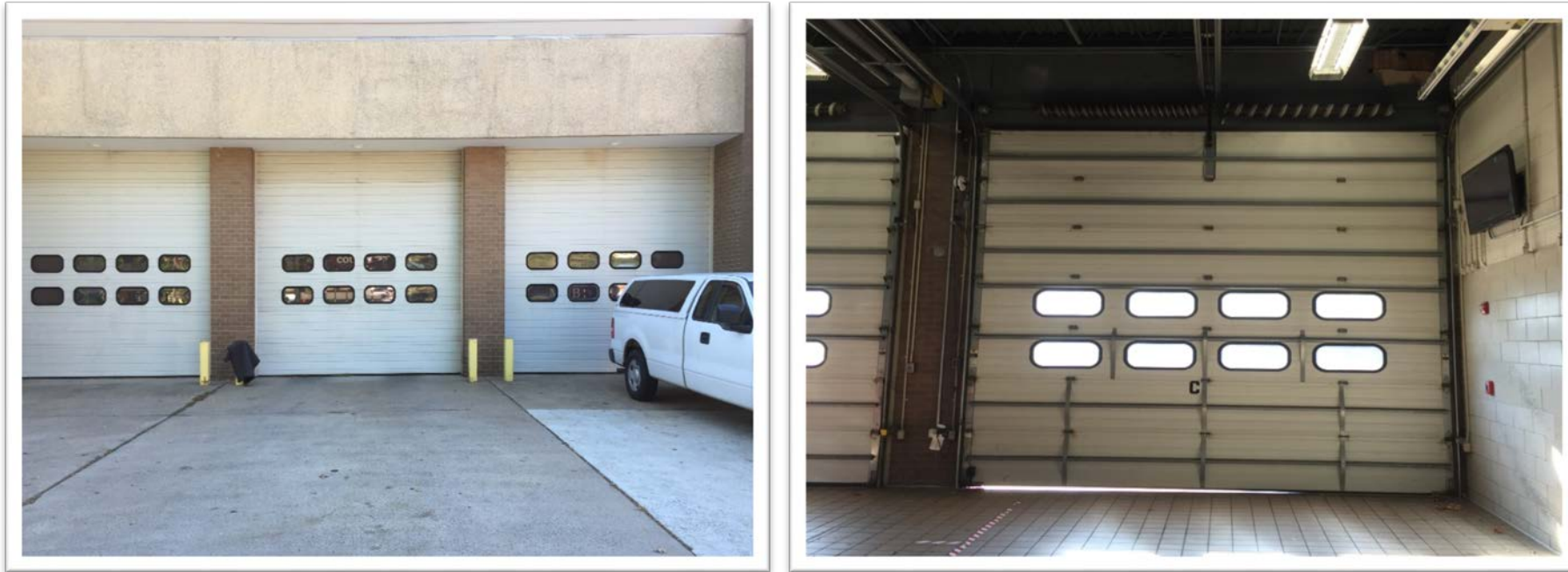


Original Chillers (1994)

- Replace two chillers and controls

Fire Station #2 - Overhead Door Replacement - \$350K

4805 Wilson Boulevard



Original Overhead Doors (2001)

- Replace six overhead doors with bi-fold doors

Facilities Design and Construction FY18 PAYG Project List		
Project Name	Description	PAYG (000's)
1. Central Library	Replace furniture in the common areas and Center for Local History. Support ongoing modernization occurring in FY 17-18.	\$300
2. Chair Replacement	Replace task and guest chairs throughout County facilities as part of annual program. Unserviceable chairs will be replaced. This is second year of 11 year program.	\$140
3. Interior Maintenance Capital Improvements	Ongoing interior refurbishment of flooring, wallpaper, painting and signage. Previously deferred maintenance from lack of departmental funding sources. Facilities to be addressed through systematic ranking of needs based on yearly assessments of our 90+ buildings	\$100
Total FY18 PAYG Request		\$540

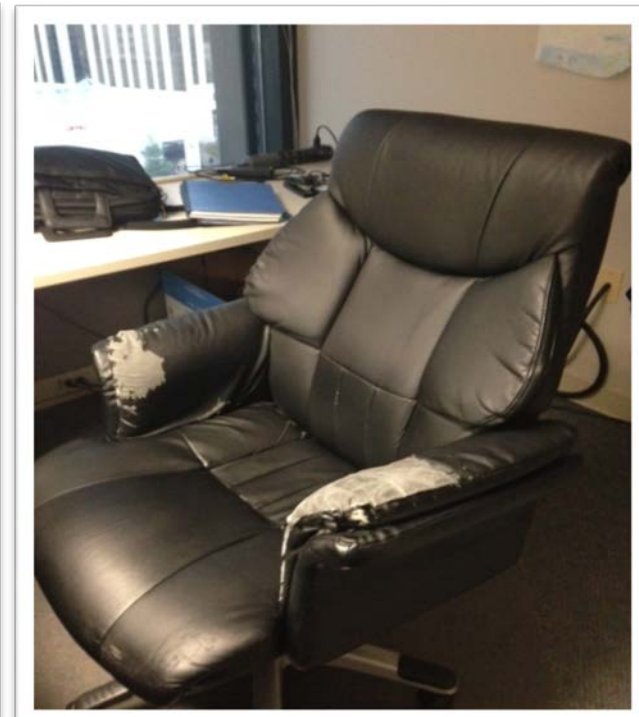
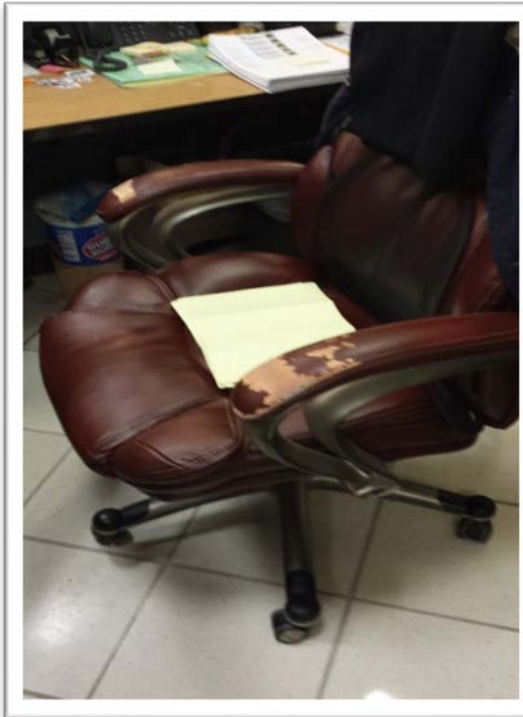
Central Library - Furniture Replacement - \$300K 1015 N Quincy Street



Deteriorating Original Furnishings

- Replace furniture in common areas of library & Center for Local History

Chair Replacement - Various Locations - \$140K



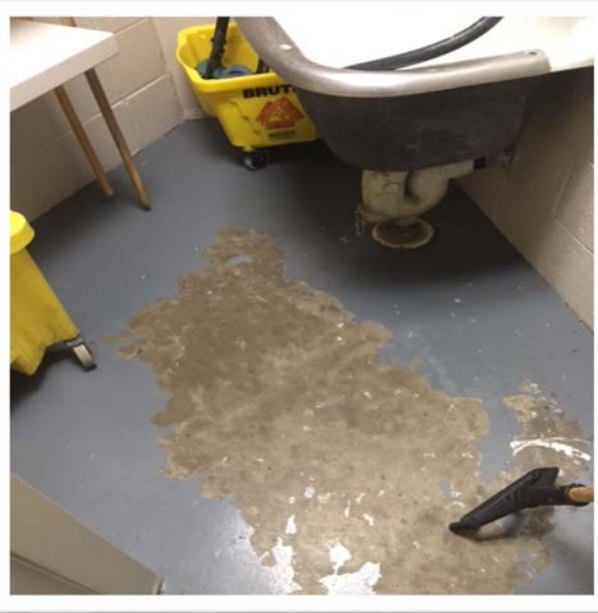
20+ years old deteriorating chairs without ergonomic features

- Replace chairs at various locations as part of 11-year annual program

Interior Maintenance Capital Improvements - Various Locations - \$100K



Peeling Wallpaper



Deteriorating Floor Finish



Bleached Carpet

- Systematic annual program to replace deteriorating interior finishes

- **Facility Master Planning & Feasibility Studies - \$210K**
 - Capital Improvement Plan planning and cost estimating: \$150K
 - Fire Station # 10 staff project management: \$60K/year for 5 years
- **ADA Remediation - \$200K**
 - Carver Community Center - continuation of accessibility remediation from FY13 audit

- **Community Residences - \$66K**
 - Update first floor restrooms to include new flooring, tile, paint and fixtures
- **Woodmont Restroom Upgrades - \$269K**
 - Change child sized fixtures to adult size and improve ADA compliance within existing footprints
 - Improvements in YMCA (upper level), Human Services (mid-level) and Voter Materials Storage (lower-level)
- **Woodmont Archival Space/Voter Registration Storage - \$325K**
 - Improve areas for archival materials storage for Center for Local History
 - Upgrade HVAC to provide humidity and temperature controls needed for document storage

Woodmont Archival Space/Voter Registration Storage

2422 N Fillmore Street



Archival Space

- Consolidate archival materials into Woodmont Center; modifications to existing HVAC system, humidifier

Environmental Management - Energy Efficiency (EE) FY18 PAYG Project List

Project Name	Description	PAYG (000's)
1. Signature Theater/Shirlington Library Retro-Commissioning	Point-by-point retro-commissioning of Signature Theater and Shirlington Library with repairs as needed for building optimization, ten years after original building delivery. *Companion project to FMB's FY18 Siemens BAS panel replacement project request	\$99
Total FY18 PAYG Request		\$99

FY18 Proposed Summary

Group	# of Projects	PAYG	Bond (000's)
Facilities Maintenance	7	\$955	\$3,758
FF&E	3	\$540	
Facilities, Design & Construction	5	\$1,070	
Energy Efficiency	1	\$99	
Total	16	\$2,664	\$3,758

FY18 Information Technology PAYG, Master Lease and Revenue Bond Funding



FY 18 Information Technology & Equipment

Project	PAYG	Master Lease	Revenue Bonds
Financial System Hosting and Replacement	200		
Courts/Police & Detention Facility Amplifier	405		
Electronic Summons System	144		
End User Computing		2,125	
Network Core Sustainment		1,395	
Server Refreshment		500	
Enterprise Wireless Connectivity Expansion		262	
Expanded Video Conferencing		181	
Public Safety Network Equipment		275	
Public Safety Mobile and Portable Radios		4,275	
Computer Aided Dispatch (CAD) Replacement Planning		350	
Sherriff Live Scan System		225	
Fire Command Vehicle Technology		150	
Sheriff In-Car Camers		150	
Assessment and Collection (ACE) System Replacement			2,000
Enterprise Payment System			2,000
Totals	\$ 749	\$ 9,888	\$ 4,000

PAYG Funding

Courts/Police and Detention Facility Amplifier - \$405,000

- These funds will be used to replace the Bi-Directional Amplifier/Distributed Antenna System in the Courts/Police building and the Detention Center. This system allows our safety personnel to communicate with each other while in those facilities and it has reached the end of its serviceable life.

Financial System Hosting and Replacement - \$200,000

- These funds will be used to support the migration and implementation costs for the move to a new hosting vendor for our current Oracle ERP system (PRISM).

Master Lease Funding

End User Computing - \$2,125,000

- PC's, laptops and tablets are replaced on a rotating four to five year cycle. This keeps a large percentage of the inventory within warranty while being responsive to emerging technology trends. These funds will be used to replace approximately 1,700 devices.

Network Core Sustainability - \$1,395,000

- Provide for continued refreshment of County network equipment as it reaches end-of-life or requires enterprise level feature enhancements. This equipment supports the entire enterprise and is the base for the County's voice, video and data systems. This funding will replace eight core large switches, upgrade optics (lasers) from 10G to 40G bandwidth for increased network core capacity, and the first year of maintenance.

Server Refreshment – \$500,000

- Without continued refreshment of the County's data servers, the applications that reside on them are at risk of failure. These funds will be used to replace approximately 10 physical servers with the capacity of supporting 100 virtual servers along with licenses and needed software.

Master Lease Funding

Enterprise Wireless Connectivity Expansion - \$262,000

- These funds will be used to improve indoor wireless access and provide secure wireless coverage to the Sequoia complex and Court Square West building. Courthouse Plaza is already done. The goal is for all County facilities to have full wireless coverage by FY20.

Expanded Video Conferencing - \$181,000

- These funds will be used to address the growing need for County staff to convene in conference rooms for collaboration, interviews, training sessions and meetings using web conferencing services. Vendors, contractors and other County partners are increasing their usage of web conferencing services to interact with County staff and conduct County business. Approximately eight conference rooms are targeted for this phase.

Public Safety Network Equipment - \$275,000

- Replacement of existing radio equipment that supports the public safety network. This equipment will no longer be supported by the manufacturer after April 2019 so replacement needs to begin in FY17 to be fully tested and operational before it is no longer supported.

Revenue Bonds

Assessment and Collection (ACE) System Replacement - \$2,000,000

- The current solution does not offer the functionality that our residents and businesses expect from a modern Treasurer or Commissioner of Revenue office. These funds will be used to either do a major upgrade or a full replacement of the current system. Upgrading to a more modern solution will bring significant improvements and allow constituents easier interaction with government for these services, while at the same time providing long-term sustainability to the system

Enterprise Payment System - \$2,000,000

- These funds will be used to upgrade or replace the current Customer Administration and Payment Portal (CAPP). New functionality will include the capability to pay from any mobile device. The County needs an Enterprise Payment Solution providing a standard interface and process for accepting payments. Over time, this solution may be adopted by agencies throughout the County. Our current electronic payment solution only handles the receipt of tax and similar payments, and has limited functionality.

- **Electronic Summons System - \$144,000**

- Effective in FY 2015, the County began assessment of a \$5.00 fee as part of the costs in each criminal or traffic case in the district or circuit courts for the use of purchasing an electronic summons system. With an electronic summons system, citation data would be automatically scanned and electronically entered at the point of activity, improving efficiency and accuracy in the processing of issued citations. The costs of the system include peripheral equipment such as handheld devices, portable printers, driver's license scanners and barcode readers, as well as the maintenance required for the system. The FY 2018 PAYG budget reflects the projected annual revenue (\$144,000) from the fees.
- This electronic summons system has not been implemented up to now as it needed to be integrated into the new Criminal Justice Records Management System (CJRMS). In November of 2016, the new CJRMS went live and staff have been working with the vendor, Tyler Technologies/New World Systems, to fully implement it. It is anticipated that we will be able to move forward with the solicitation of a vendor to move forward with the electronic summons system during the first half of FY18.

- **Public Safety Radios (Mobiles and Portables) - \$4.275M**
 - Useful Life of 5-7 years, last replaced in FY 2011. Current fleet is end of service in FY 2018.
 - 2nd part of replacement over 2 year period (FY17 and FY18), prior to end of service
 - Allow Public Safety personnel to communicate and receive emergency calls
 - Mobile radios are installed in 260 Police Vehicles, 30 Sheriff's Officer vehicles and 10 OEM Vehicles
 - Portable Radios are hand-held devices worn by Police and Sheriff's officers on a day-to-day basis. 914 total radios
 - Does not include Fire Radios, those are replaced on a different cycle
- **Computer Aided Dispatch (CAD) System Planning - \$350K**
 - Funding to assess the system and plan for future replacement
 - Core system used by ECC to receive requests for service and resources
 - System will be outdated by FY 2020 and will require a complete overhaul
 - Next Generation 9-1-1 technology will force changes to CAD

- **Fire Command Vehicle Technology - \$150K**

- Fire Mobile Command Vehicle is used during planned special events such as Marine Corps Marathon and Army Ten Miler
- Technology inside the vehicle allows incident commander to communicate to units
- Vehicle can serve as a mobile command center with communications in the event of an emergency
- Equipment to be replaced include servers, radios, PC's and other peripherals

- **Sheriff Live Scan and Portable Live Scan - \$225K**

- Virginia State Code requires fingerprinting for all arrested individuals using a Live Scan system.
- Funding will replace existing system which is past useful life

- **Sheriff In-Car Camera - \$150K**

- 10 in-car camera systems record activities inside and around the vehicles during calls for service and provide an added layer of protection and accountability
- Funding will replace the existing system that is past its useful life.

ARLINGTON COUNTY FISCAL AFFAIRS ADVISORY COMMISSION
 REPORT TO THE COUNTY BOARD
 FY2018 PROPOSED BUDGET

BUDGET AREA:	PAY-GO/Capital Improvement Plan
FAAC REVIEWERS:	Gillian Burgess, Steve Baker
DATE OF FAAC ACTION:	March 28, 2017

FAAC Opinion

The FY2018 proposed budget totals \$11.54 million, which is a 0.7% decrease from the adopted FY2017 level. In addition, there is one-time PAYG funding of \$8.6 million from FY2016 year-end closeout, for a total of \$20.1 million in funds for projects in FY2018.

The adopted FY2017-2026 CIP assumes \$25.4 million in PAYG funds for FY2018.

FAAC Recommendation # 1			
FAAC The FAAC recommends that the County Board approve the County Manager's FY 2018 proposed budget for the PAYG.			
Vote:	Yes: 9	No: 1	Abstain: 2
Comment:			

FAAC Recommendation # 2			
The FAAC recommends that the County Board direct the County Manager to make the funding of capital projects easier to understand, and to ensure the budget clearly and transparently reflects the County's priorities.			
Vote:	Yes: 12	No: 0	Abstain: 0
Comment:			

Future Considerations:

Ensure that FAAC receives an update on reserve totals during specific department reviews to ensure the FAAC has a comprehensive understating of reserve totals within the County budget.