

Capital Program PAYG, GO Bonds & Short-term Finance

COUNTY MANAGER'S
PROPOSED FY 2022 BUDGET

County Board Work Session

Thursday, March 25, 2021



Agenda

Department / Topic

DMF

Facilities

- Facilities Management Bureau
- Facilities Design and Construction

Parks and Recreation

Human Services

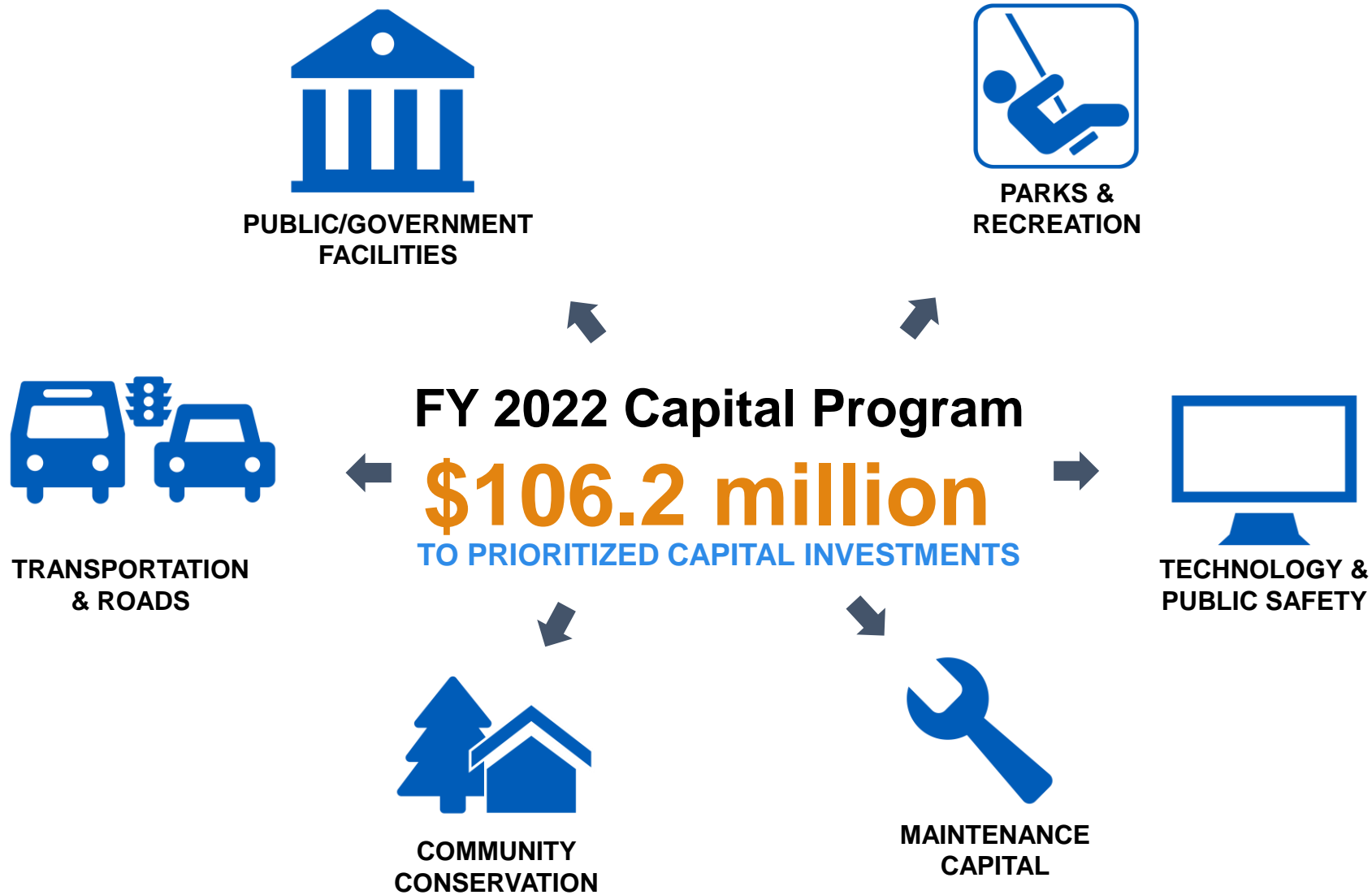
Public Safety

Technology

Transportation

- PAYG
- TCF
- CCTIF

Metro



Focus on Equity



Establish accessible processes, resources and opportunities that allow all populations to provide input; Seek out diverse voices



Create and maintain accessible facilities across the County for staff and residents to work and enjoy



Identify needs across all County departments for equitable distribution; Create implementation frameworks to address recommendations for equity



Review investment decisions and asset management using equity lens



Map capital projects; Ensure projects (e.g., parks, facilities) have equitable geographical distribution



Define department goals to ensure all populations are being addressed; Include equity as focus of long-range planning efforts

Projects Focused on Equity:

Transportation:

- Vision Zero & Street Safety Improvements
- Neighborhood Complete Streets
- School Safety Pilots

Technology

- Permanent and pop-up hotspots
- Extension of ConnectArlington to Arlington Free Clinic
- Upgrade of APS internet connectivity
- Pilot for private LTE Network for broadband
- Plan for broadband extension to affordable communities

Public Safety:

- Fire Records Management System
- E-summons

Capital Program Snapshot

- Funding for large capital infrastructure improvements
- Program focuses on ‘maintaining what we have’
 - Reduces premature asset failure and extends useful life
 - Focus on existing infrastructure versus new projects
 - Works towards funding state of good repair
- Overview of all capital fund sources with a focus on PAYG

How We Pay for the Capital Program

36%

State, Federal and Regional Grants

\$37.7 million

State, federal and regional grant funds restricted in use to transportation and metro capital activities.

5%

General Obligation Bonds (County)

\$5.7 million

Funds are derived from the public sale of municipal bonds for which principal and interest (debt service) is paid to investors for the use of the money. Used to fund large capital infrastructure with average useful life of 10 years or more.

4%

Crystal City Tax Increment Fund

\$4.3 million

Fund source is portion of the incremental real estate tax revenue. It is used to pay for infrastructure improvements to further the revitalization of these areas.

\$106.2 million

32%

Transportation Capital Fund (TCF)

\$34.8 million

C&I Tax (\$24.9 million)
NVTA Local (\$9.1 million)
Tax revenue dedicated to support transportation infrastructure projects throughout the County. Comprised of local Commercial and Industrial (C&I) Tax and NVTA Local (30% allocation).

10%

Short-term Finance

\$10.5 million

Fund source is another source of capital financing to acquire equipment and technology, and to perform certain capital maintenance projects that have an average useful life between three and ten years.

13%

PAY-AS-YOU-GO

\$13.3 million

Funded by a transfer of local tax revenues, restricted bond premium and, other miscellaneous fees and charges.

PAYG Overview

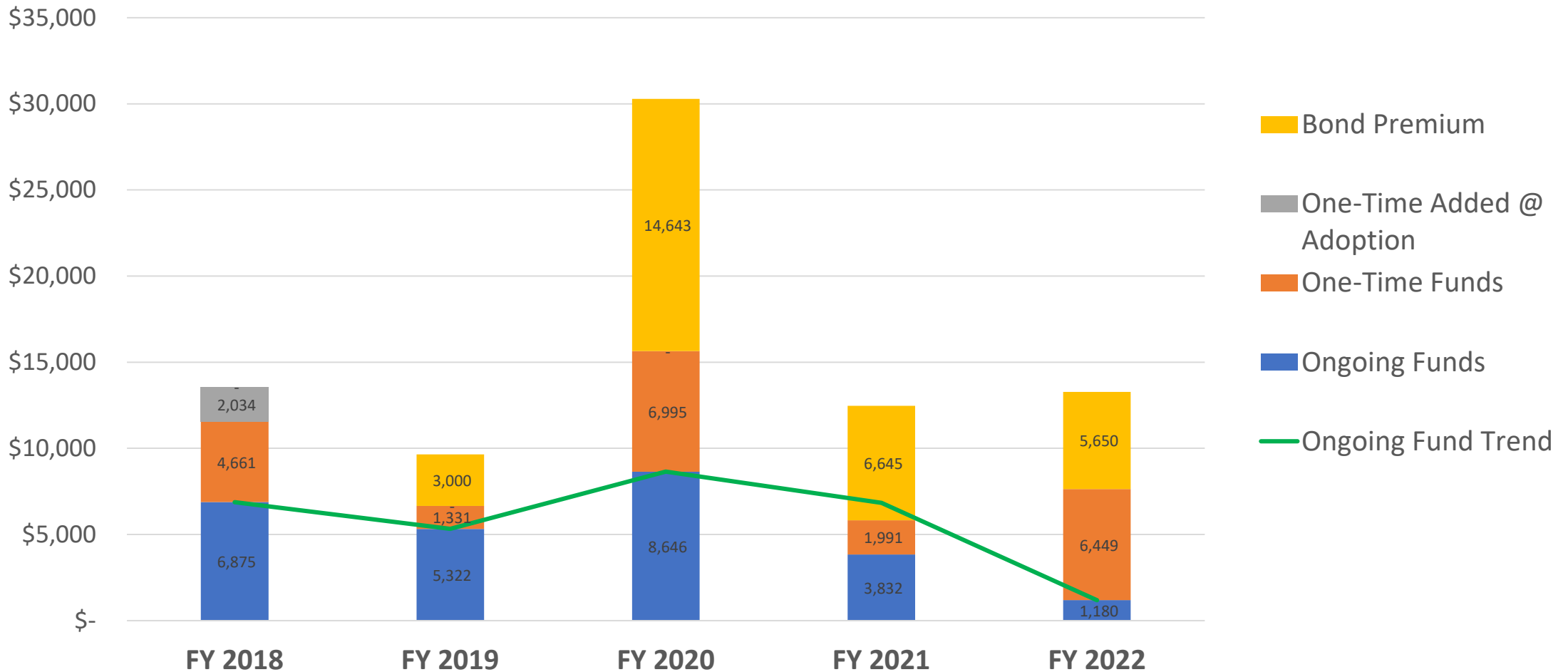
- **\$13.3 million** from various sources
 - Local taxes, existing balances - \$7.6 million
 - Bond premium (legally restricted in use to capital projects) - \$5.7 million
- Funds assets with an average useful life of **10 years or less**
- Current focus due to COVID-19 impact is on ‘must-have’ maintenance
 - Assets at end of useful life
 - Prioritized replacement of assets with high possibility of near-term failure and;

PAYG Overview

- Projects that address County Board and community expectations
 - Design and construction of heavily used community spaces
 - Development and enhancement of technology
- Rating agency expectation to have PAYG funding as flexible funding source for capital investment
- Funds from developer contributions available as site plans progress (e.g., Fire Station 10, Mosaic Park)

PAYG Funding Over Time

History of PAYG Funding Sources



GO Bond Overview

- Includes authorized but unissued GO bonds
- Funds assets with an average useful life of **10+ years**
- Historically used for large replacement or renovation projects
- Debt service appropriated in General Fund

Short-Term Finance Overview

- **\$10.5 million** in short-maturity financed dollars
- Funds assets with an average useful life of **3-10 years**
- Debt service appropriated in General Fund
- Historically used for equipment and systems replacement:
 - PC replacement
 - Mobile Data Computer Infrastructure
 - Fire Vehicles Replacement
 - Courtroom Technology for Body Worn Camera Program
 - Community Center Fitness Equipment
 - Synthetic Turf Fields Replacement

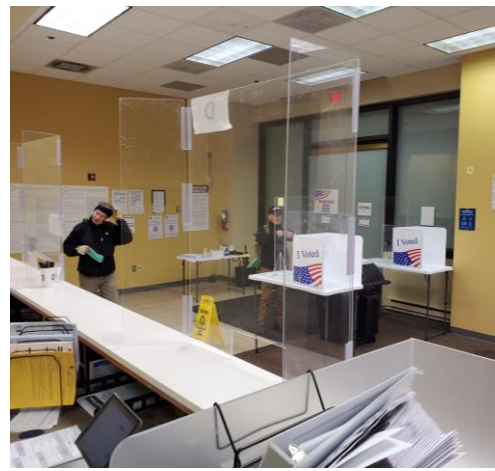
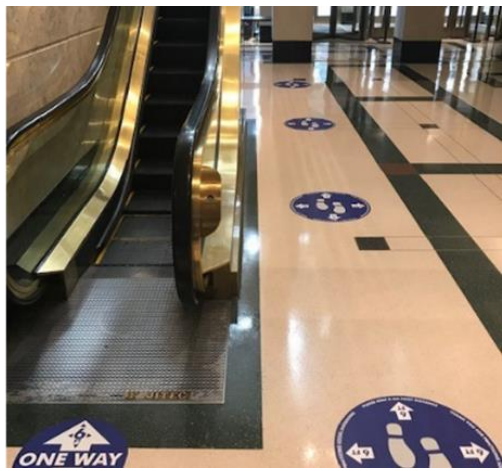
FACILITIES

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

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FY 22 Priorities

1. Continue to implement COVID-19 protocols to maintain safe facilities
2. Repurpose and adapt our existing facilities to meet group's needs
3. Focus on critical facilities' operations and continually reprioritizing facility capital maintenance



Together We Can Stop the Spread of COVID-19

Juntos podemos detener la propagación de COVID-19

Please **do not enter** if you have a fever, symptoms of COVID-19 or have been exposed to a known COVID-19 case in the past 14 days.

No ingrese si tiene fiebre, síntomas de COVID-19 o ha estado expuesto a un caso conocido de COVID-19 en los últimos 14 días.



Wear a mask or face covering

Use una máscara o una cubierta facial



Wash your hands often

Lávese las manos con frecuencia



Projects Completed



Bozman CMO Suite



2020 Backflow Preventor



Fire #6 HVAC and Bay Heater Replacement



3700 RTU Replacement



Bozman Renovation Sit-Stands/Conference Rms



Lubber Run Community Center



Justice Center Door Replacement



Various ADA Upgrades



Lubber Run Community Center



Arlington Arts Chiller Replacements



Bozman ADA Counters



CSW Elevator Modernization

Projects Underway



Fire Station #8 Conceptual Design



Fire Station #10 Apparatus Bay



13th STREET ELEVATION

1212 Irving Street Conceptual Design



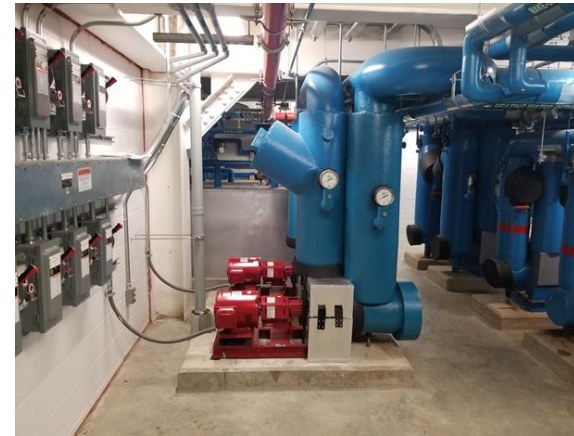
Retaining Wall for Eads Warehouse



Justice Center Boiler Replacement



CSI - ECC Emergency Generator in BGC

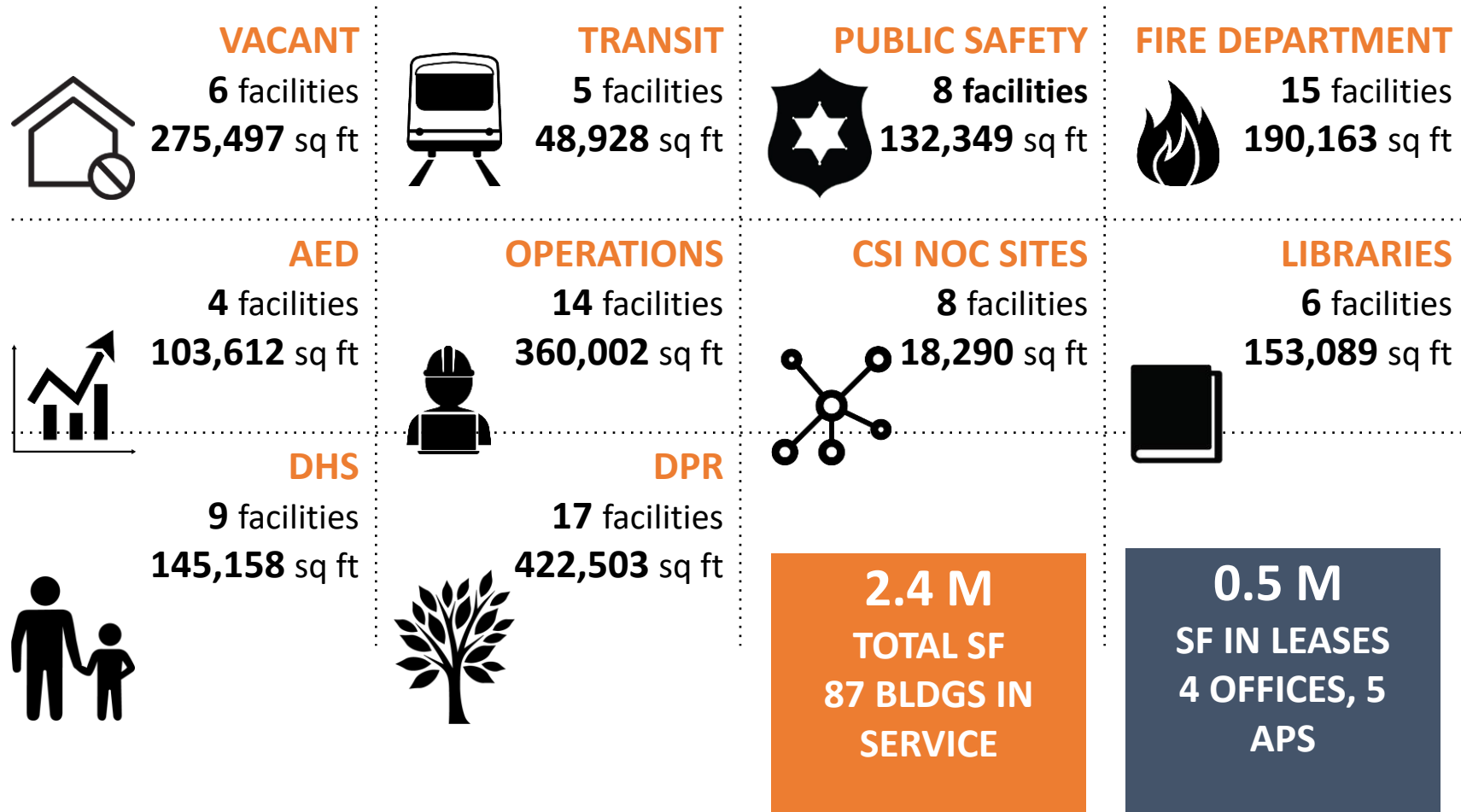


Wastewater Treatment Plant Hot Water Piping



Carlin Springs Decoupling

Asset Inventory: Facilities and Engineering



Facilities Management

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

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Funding Changes: Facility Management Bureau (FMB)

	FY 2021 Adopted	FY 2022 Proposed
PAYG	\$2,376,000	\$1,810,000

- FY 2022 Proposed PAYG includes reallocation of \$733K from deferred maintenance and project savings

Proposed Projects: DES Facilities Management



Detention Facility Ventilation Systems



Fire Station 5 HVAC Replacement



CSW Structural Concrete Repairs

Project Name	PAYG
Detention Facility Ventilation Systems	625,000
Court Square West Structural Concrete Repairs	500,000
Fire Station 2 HVAC Replacement	325,000
Fire Station 5 HVAC Replacement	200,000
Critical Systems Infrastructure - 24 th Street N Emergency Communications Facility Structural Repairs	160,000
Total Facilities Maintenance Capital Program	\$1,810,000



CSI Structural Repairs



Fire Station 2 HVAC Replacement

FMB Budget Considerations

- Recently completed Facility Condition Assessment aids in setting future maintenance priorities
- Reduced funding in FY 2021 and FY 2022 increases our deferred maintenance backlog.
 - 2020 N 14th St – Mechanical equipment
 - Quincy Buildings – HVAC units
 - Justice Center – Elevators & Escalators
- Aging inventory creates operating challenges, maintenance on end-of-life facilities:
 - Court Square West
 - Hudson St. Fire Prevention Office
- Continuing investments for mission critical and life safety systems
 - Central Library fire alarm upgrades



Facilities Design and Construction

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

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Funding Changes: FD&C

	FY 2021 Adopted	FY 2022 Proposed
PAYG	\$955,000	\$194,000

- PAYG reduction reflects budget constraints and increases deferred interior maintenance

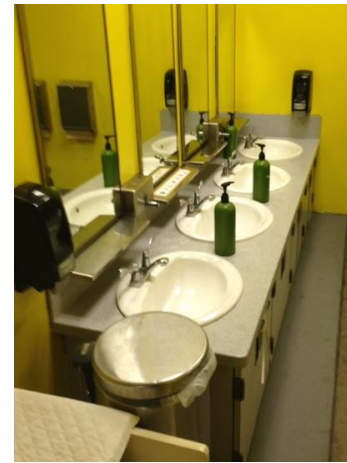
Proposed Projects: DES Facilities and Engineering

Project Name	PAYG
Facility Master Planning and Feasibility Studies	134,000
Fire Station 10 Project Management	60,000
ADA Remediation	-
Total Facilities Design and Construction Capital Program	194,000



FD&C Budget Considerations

- Reduced funding in FY 2021 and FY 2022 has impacted the program to keep our facility initiatives in line with our mission to provide equitable facilities for everyone
- Resetting ADA Remediation program to address critical issues
- Items not funded in FY 2022 include:
 - Police Women's Locker Room Expansion
 - Sit-Stand Program
 - Chair Replacement
 - Gender Neutral Restroom Signage
 - Post Pandemic Workplace Improvements
 - Interior Maintenance Capital Improvement
 - ADA Remediation- limited to existing balance



Key Budget Outlook

- Changing conditions require agile repurposing of resources:
 - Q2 and Q4: reset for COVID testing & inventory
 - Walter Reed, Arlington Mill, and Lubber Run set up for vaccines
 - Homeless Services Center expanded to 2020 Building 7th floor for social distancing for hypothermia clients
- Maintenance for 'end of life' facilities limited to maintaining critical operations: Hudson St. Fire Prevention Office, Court Square West
- Prolonged deferrals and indecision on status/use/timing increases costs and will require additional funding beyond FY 2022 for 'catch-up'
- Long term facilities planning and community engagement likely deferred until FY 2023



Parks and Recreation

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Project Accomplishments



DPR's capital projects have continued to move forward throughout the pandemic.

Recent Projects: Parks Capital Maintenance



Madison Manor

Benjamin Banneker



Recent Projects: Parks Capital Maintenance



Lubber Run Pedestrian Bridge

Recent Projects: Synthetic Field Program



Gunston Rectangular Field



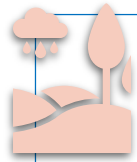
Barcroft Diamond Field

Projects Underway: Parks and Recreation



Asset Inventory: Parks and Recreation

DPR maintains a significant inventory of existing park amenities



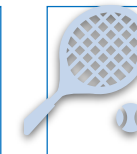
147 Parks totaling 924 acres



81 Playgrounds and 4 Spray Playgrounds



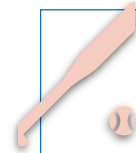
76 Basketball Courts and 12 Half Courts



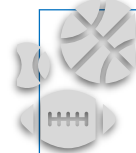
87 Tennis Courts and 5 Practice Courts



42 Rectangular Athletic Fields --15 Lighted, 14 synthetic



35 Diamond Athletic Fields --19 Lighted, 2 synthetic



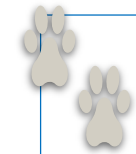
19 Combination Athletic Fields --3 Lighted



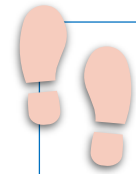
7 Community Garden



48 Picnic Shelters



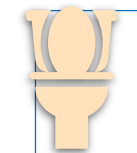
9 Dog Parks



39.7 Miles of Multi-use Trails



42 Bridges and 11 Low-Water Fords



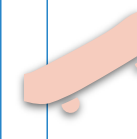
25 Restrooms



Picnic Tables, Benches, Grills, Kiosks, Drinking Fountains, Park Signs, Fences

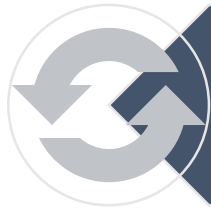


Parking Lots (approx. 1 million SF), Access Roads



Amphitheater, Skate Park, Other Amenities

Asset Inventory: Parks and Recreation



Asset Tool Refresh: Currently being developed by outside consultant.



Synthetic Fields: Field conditions and GMAX impact test ratings assessed on an on-going basis.



Trails: Pavement Condition Index (PCI) assessment completed by outside consultant in 2018.



Bridges: Inventory condition assessment completed by outside consultant in 2019.

Funding Changes: Parks Capital Maintenance

	FY 2021 Adopted	FY 2022 Proposed
PAYG	\$720,000	\$3,601,000
Short-Term Finance	\$0	\$100,000

Projects Proposed to be Funded: Parks Capital Maintenance

Capital Asset Manager

\$165,000

This funding is for the staff position that manages the Parks Capital Asset Program.

Parks Field Fund

\$125,000

The Parks field fund is supported by an annual fee assessed on official affiliated youth and adult sports teams playing on Arlington County rectangular and diamond fields.

Feasibility Studies

\$134,000

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 of the scope of adopted CIP projects. Examples include potential planning and analysis needs for parks and sites associated with site plan proposals, Arlington Public Schools proposals, or affordable housing proposals.

Capital Assessment Tool

\$200,000

This funding is for a consultant review and update of DPR's capital asset inventory listing. This is the third and final year of the project.

Projects Proposed to be Funded: Parks Capital Maintenance

Bluemont Tennis Court Design

\$1,282,000

This work is for the design only of the tennis courts, court lighting, restroom building, picnic shelter, parking lot, site amenities, walkways, landscaping, stormwater and other associated park amenities at Bluemont Park.

(public engagement began during scoping in 2019, public engagement will continue during design)

Alcova Heights Phase Two Construction

\$1,695,000

This project is for the construction of Phase Two of the redevelopment of the entire Alcova Heights Park which includes accessibility renovations to the restroom building, replacement of the basketball court and associated walkway, signage and landscaping improvements. Project design costs were funded in Phase One and are complete.

(public engagement was completed during design process in 2018-2019)

Community Fitness Center Equipment

\$100,000

This funding is for the purchase and proactive replacement of aging equipment at Park and Recreation facilities that is at or near the end of its useful in order to avoid equipment failure.

Funding Changes: Synthetic Field Program

	FY 2021 Adopted	FY 2022 Proposed
PAYG	\$773,200	\$1,262,000
Short-Term Finance	\$0	\$268,000

Projects Proposed to be Funded: Synthetic Field Program

(current inventory: 14 rectangular & 2 diamond fields)

Thomas Jefferson Upper Field Conversion

\$773,000

This project includes the design and construction for conversion of the upper field at Thomas Jefferson field from grass to synthetic turf. Work includes sitework, new synthetic turf, infill and subbase and, new site improvements.

Rocky Run Synthetic Turf Replacement

\$268,000

These funds will be used for the design and construction for the replacement of the synthetic turf field. Work includes replacement of synthetic turf and infill and repairs to the substructure.

Barcroft Park Rectangular

\$489,000*

This project funds the design and construction of the synthetic turf replacement at Barcroft Park. Work includes replacement of synthetic turf and infill and repairs to the substructure. (**This project is funded through a reallocation of existing parks project balances.*)

Key Budget Considerations



Maintaining an adequate level of funding to achieve a state of good repair for DPR's capital assets.



Continuing commitment to ongoing planning and asset management efforts.



Continuing partnerships with other external agencies.

Neighborhood Conservation

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

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Project Accomplishments

	ID	Project Name	Type	Neighborhood	Approved Budget	Actual	Balance	Percent Under
FY20	N515	-S. Irving St/Arlington Blvd Phase II	SI	Arlington Heights	\$1,041,202.00	\$833,282.43	\$207,919.57	20%
	N527	-Patrick Henry Drive - Washington Blvd to 1	SI	Westover Village	\$1,255,571.00	\$1,032,874.50	\$222,696.50	18%
	N544	-5700 blk of 2nd St S & 100 blk of S. Kensing	SI	Glencarlyn	\$1,249,063.00	\$1,100,517.55	\$148,545.45	12%
	N552	-Oakland Park – 3701 Wilson Blvd	Park	Ballston Virginia Squar	\$798,845.00	\$945,590.18	-\$146,745.18	-18%
	N555	-N. Evergreen St – 11th St N to Washington	SI	Waycroft Woodlawn	\$790,592.00	\$880,560.36	-\$89,968.36	-11%
	N566	-4800 Block of 9th St S to W&OD Trail	SI	Barcroft	\$432,561.00	\$467,014.84	-\$34,453.84	-8%
	Z262	-2nd St S – S. Wayne, S. Uhle & S. Wise Stree	SI	Penrose	\$1,590,766.00	\$560,696.78	\$1,030,069.22	65%
	FY 20 Total				\$7,158,600.00	\$5,820,536.64	\$1,338,063.36	19%

7th St S Trail Connector



Project Accomplishments

20th Road North

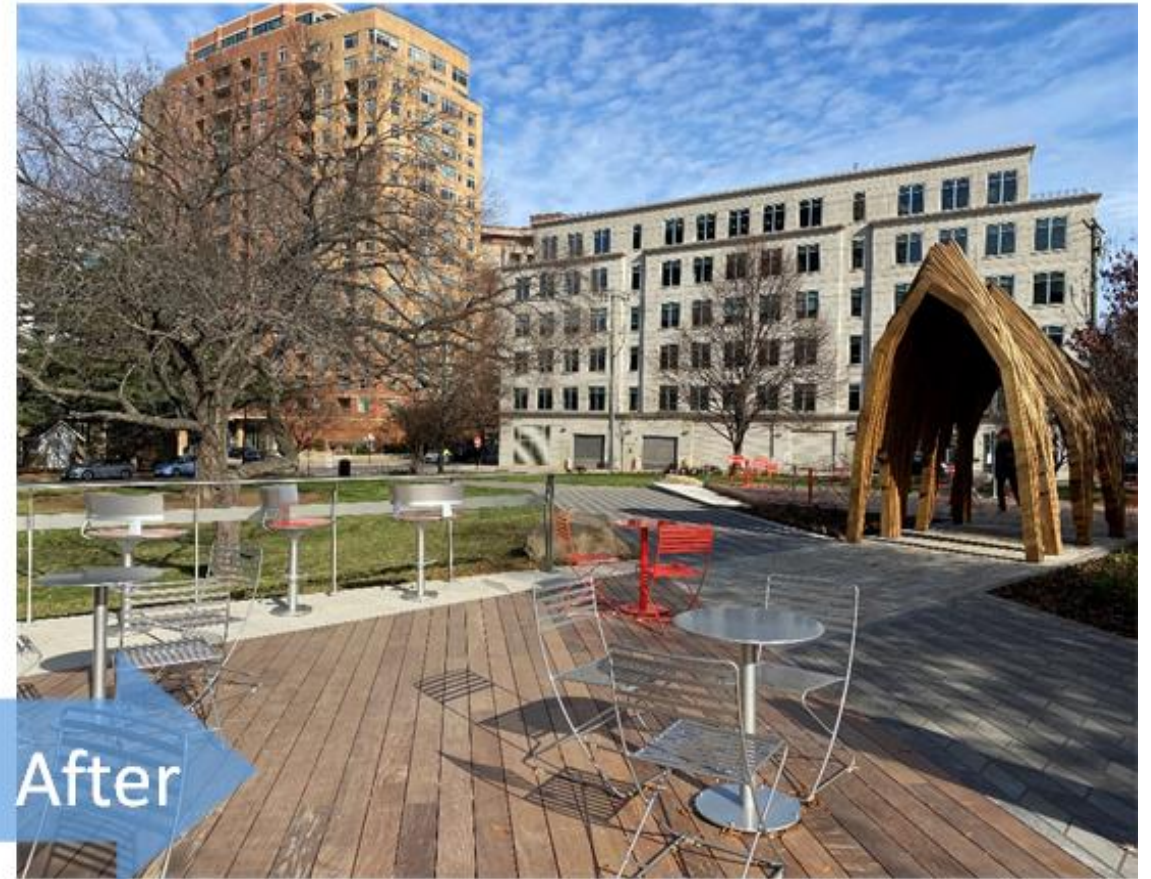


Project Accomplishments

Oakland Park



Before



After

Projects Underway

NC- ACTIVE PROJECTS STATUS

At 30% Design ¹								
Project	Project Type	Neighborhood	Funded date	Original Budget	Revised Budget	Exp. To-date	Balance	% Balance
In Active Design²								
N463- Donaldson Run Stream Channel Park - Tributary B	Park	Donaldson - Run	02/26/2008	\$350,000.00	\$350,000.00	\$200,507.62	\$149,492.38	43%
Z283-S. Oak, S. Ode, S. Orme Streets	Street Lights	Foxcroft Heights	05/23/2017	\$562,704.00	\$562,704.00	\$81,309.33	\$481,394.67	86%
N557 -12th St N – 11th Rd N to N. Roosevelt St	Street Lights	Madison Manor	02/21/2015	\$348,987.00	\$348,987.00	\$68,136.33	\$280,850.67	80%
N565-Calloway United Methodist Church Cemetery	Park	Highview Park	02/23/2016	\$129,625.00	\$129,625.00	\$16,940.32	\$112,684.68	87%
Z290- N. Monroe St – 17th St N to 3612 19th St N	Street Improvement	Cherrydale	11/17/2018	\$1,840,140.00	\$1,840,140.00	\$159,255.57	\$1,680,884.43	91%
Z287 - 24th St N & Old Dominion Drive	Street Improvement	Old Dominion	11/16/2019	\$28,125.00	\$28,125.00	\$3,914.70	\$24,210.30	86%
6				\$3,259,581.00	\$3,259,581.00	\$530,063.87	\$2,729,517.13	84%
Preparing for Construction³								
Z280 - 4th St S – S Kensington St. to S Illinois St.	Street Improvement	Glencarlyn	11/16/2019	\$1,307,327.00	\$1,307,327.00	\$199,092.11	\$1,108,234.89	85%
Z272 - N Larrimore St and 9th St N	Street Improvement	Dominion Hills	11/16/2019	\$1,179,626.00	\$1,179,626.00	\$134,933.89	\$1,044,692.11	89%
N559-N. Oakland St – N. Pershing Dr to Route 50	Street Improvement	Ashton Heights	09/19/2015	\$970,364.00	\$970,364.00	\$298,379.31	\$671,984.69	69%
Z261 -N. Highland St – Arlington Blvd to 1st Rd N	Street Improvement	Lyon Park	09/27/2016	\$1,095,923.00	\$1,095,923.00	\$221,308.71	\$874,614.29	80%
4				\$4,553,240.00	\$4,553,240.00	\$853,714.02	\$3,699,525.98	81%
In Construction⁴								
Z279 - 14th St N & N. Ohio St	Street Improvement	HPOK	11/16/2019	\$500,000.00	\$500,000.00	\$148,285.49	\$351,714.51	70%
Z284-George Mason Drive – 11th St N – I66	Street Improvement	Waycroft Woodlawn	05/23/2017	\$1,385,806.00	\$1,385,806.00	\$420,404.19	\$965,401.81	70%
N560-13th St N – Kirkwood Rd to N. Jackson/N. Johnson St	Street Improvement	Lyon Village	09/19/2015	\$828,427.00	\$828,427.00	\$514,709.21	\$313,717.79	38%
N551 -N. Quintana St – Washington Blvd to 19th St N	Street Improvement	Arlington East Falls C	09/20/2014	\$756,581.00	\$1,118,449.00	\$884,868.79	\$233,580.21	21%
N553-Lucky Run Stream/Four Mile Run Stream	Park	Fairlington Shirlingto	09/20/2014	\$376,000.00	\$376,000.00	\$278,296.27	\$97,703.73	26%
N566- 4800 Block of 9th St S to W&OD Trail	Street Improvement	Barcroft	02/23/2016	\$432,561.00	\$432,561.00	\$406,110.90	\$26,450.10	6%
Z281 - Woodlands in Bluemont Park	Park	Boulevard Manor	09/27/2016	\$785,000.00	\$785,000.00	\$409,077.97	\$375,922.03	48%
Z274- 20th Rd N – N. Utah St to N. Vermont St	Street Improvement	Waverly Hills	09/27/2016	\$1,896,043.00	\$1,896,043.00	\$1,049,701.96	\$846,341.04	45%
Z278- Edison Park	Park	Arlington Forest	11/17/2018	\$1,082,428.00	\$1,082,428.00	\$933,749.72	\$148,678.28	14%
9				\$8,042,846.00	\$8,404,714.00	\$5,045,204.50	\$3,359,509.50	40%
19				\$15,855,667.00	\$16,217,535.00	\$6,428,982.39	\$9,788,552.61	60%

1- 30% concept design complete, final design has not started.

2 - Final design work in progress.

3- Final design complete; preparing for construction including acquisition, utility relocation, bidding process, and/or construction scheduling.

4- Construction in progress.

Funding Changes: Neighborhood Conservation

	FY 2021 Adopted	FY 2022 Proposed
GO Bond	\$6,000,000	\$2,000,000
PAYG	\$500,000	\$500,000

- FY 2022 GO Bond amount is authorized unissued balances

Key Budget Considerations

- Manage expectations about the number of projects that can be funded, given the significant demand for projects in residential neighborhoods.
- Continue to focus on a mix of smaller and larger projects.

Department of Human Services

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Projects Underway



- ❖ FY 2016: \$175K to onboard a contractor to document current and future state business processes and draft a RFP for new electronic health record (EHR)
- ❖ FY 2017: \$1.75M to procure a new EHR used by 200+ clinicians providing mental health services and bringing in ~\$4M in insurance reimbursement
- ❖ FY 2022: System launch planned for the first quarter

- ❖ FY 2019: \$377K allocated to configure and implement a software upgrade for the system used by DHS' housing and public assistance subsidy programs
- ❖ FY 2021: The system is used to process over \$30M annually in rent and other subsidies
- ❖ FY 2022: System launch planned for the first quarter

Funding Changes: Human Services

	FY 2021 Revised	FY 2022 Proposed
PAYG	\$0	\$550,000

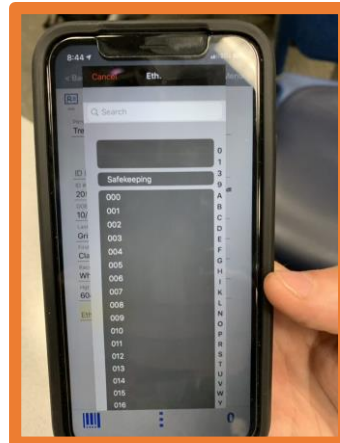
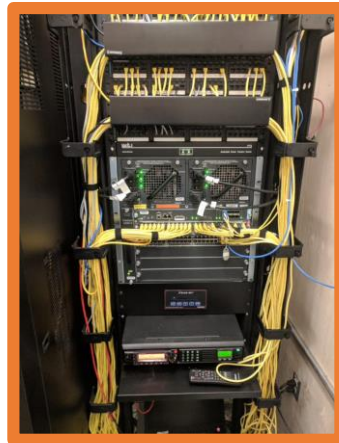
- DHS deferred \$500K in FY 2021 PAYG funding for the child welfare system to FY 2022
- FY 2022 funding is for the child welfare system (\$300k) and childcare licensing (\$250k)
- In FY 2023, an additional \$950K will be requested for the child welfare system and an additional \$300K will be needed for the childcare licensing system.

Public Safety

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Project Accomplishments















- Body Worn Camera
- Computer Forensics Server
- E-Summons
- FireRMS
- IP Simulcast
- Livescan
- Public Safety Server Refresh (including in-car camera)
- Westnet

Projects Underway









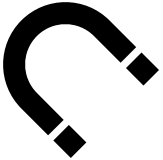




- Computer Aided Dispatch
- Fire Command Vehicle Technology Refresh
- Inmate Telephone, Tablet and Video Visitation

Asset Inventory: Fire & Emergency Management

Fire Department	 <p>Fire Radios 7 Year Lifecycle; Refresh in FY23 and FY30</p>	 <p>Fire RMS 10 Year Lifecycle; Refresh in FY31</p>	 <p>Westnet Fire Station Alerting System 9 Stations; 10 Year Lifecycle; Refresh in FY31</p>	 <p>Defibrillators 7 Year Lifecycle; Refresh in FY24</p>
	 <p>Thermal Imaging Cameras 7 Year Lifecycle; Refresh in FY26</p>	 <p>Breathing Apparatus 10 Year Lifecycle; Refresh in FY30</p>	 <p>Command Vehicle Technology 5 Year Lifecycle; Refresh in FY26 and FY31</p>	 <p>Fire Apparatus Rolling 8 Year Lifecycle; New apparatus in FY22, FY23, FY26, FY28, and FY30</p>
	 <p>Public Safety Portable and Mobile Radios 7 Year Lifecycle; Replaced over 3 year span; Refresh in FY 24-FY26</p>	 <p>Computer Aided Dispatch (CAD) System 10 Year Lifecycle; Refresh in FY 32</p>	 <p>Radio Base Stations/ Systems 10 Year Lifecycle; Refresh in FY23</p>	 <p>Customer Premise Equipment 8 Year Lifecycle; Refresh in FY28</p>
DPSCEM				

Asset Inventory: Police & Sheriff

Police Department	 <p>MDCs and Infrastructure (POL/FIR/SHR) 5 Year Lifecycle; Refresh in FY22 and FY27</p>	 <p>Computer Forensic Server and Workstations 5 Year Lifecycle; Refresh in FY26</p>	 <p>Interview Rooms 5 Year Lifecycle; Refresh in FY24 and FY29</p>	 <p>CJRMS (shared w/ACSO) 10 Year Lifecycle; Refresh in FY25</p>
	 <p>Body Worn Cameras 7 Year Lifecycle; Refresh in FY28</p>	 <p>Video Trailers 5 Year Lifecycle; Refresh in FY25</p>	 <p>E-Summons (Self-funded system) 5 Year Lifecycle; Refresh in 2026</p>	
Sheriff's Office	 <p>Justice Center Security System (Infrastructure and Components) 5 Year Lifecycle; Refresh in FY23 and FY29</p>	 <p>Courthouse Magnometers/X-rays 7 Year Lifecycle; Refresh in FY24</p>	 <p>Livescan (Systems, Infrastructure, Interfaces) 5 Year Lifecycle; Refresh in FY26</p>	 <p>Body Scanner System 5 Year Lifecycle; Refresh in FY24</p>

Funding Changes: Public Safety

	FY 2021 Adopted	FY 2022 Proposed
Short-Term Finance	\$370,000	\$7,800,000
PAYG	\$144,000	\$133,000

- The FY 2022 proposed budget includes:
 - Replacement of mobile data computers - \$3,500,000
 - Replacement of fire vehicles - \$4,300,000
 - E-summons - \$133,000

Key Budget Considerations

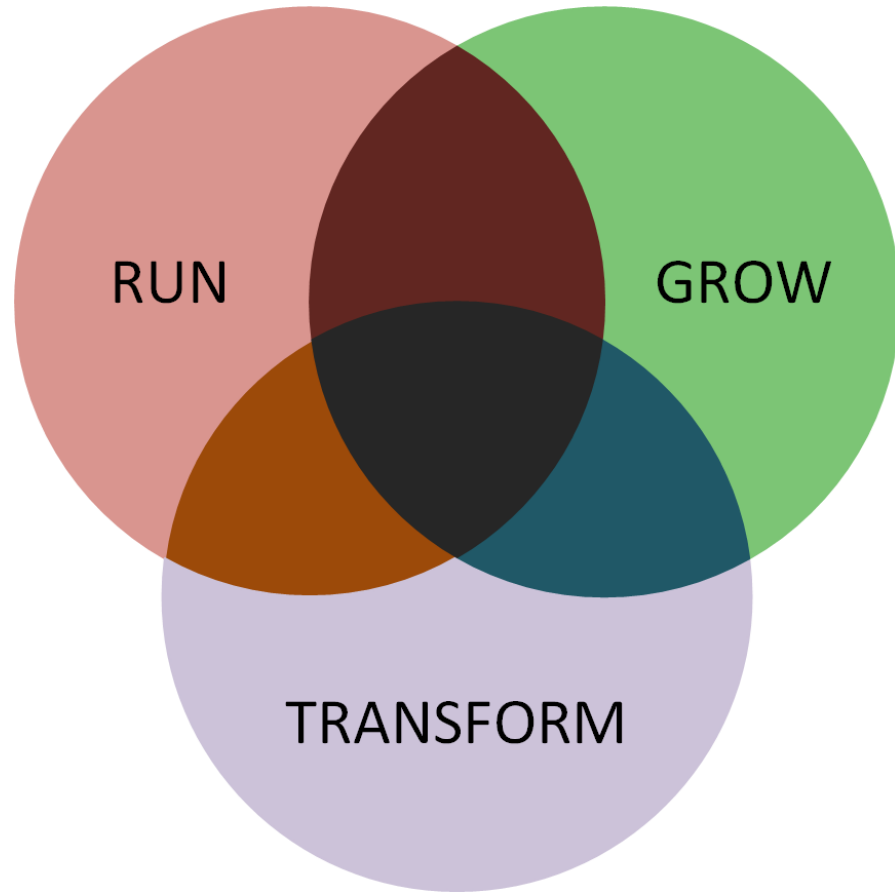
- Capital dollars fund most critical systems in public safety
- Commitment to system refresh cycle to keep inventory up to date (state of good repair)
- Regional collaboration on core systems may require longer project timelines, larger scopes of work, but greater efficiency

Department of Technology Services

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

County Board Work Session

Project Accomplishments



Offsite Data Center
Added

Network Core
Refresh Phase 1:
Equipment

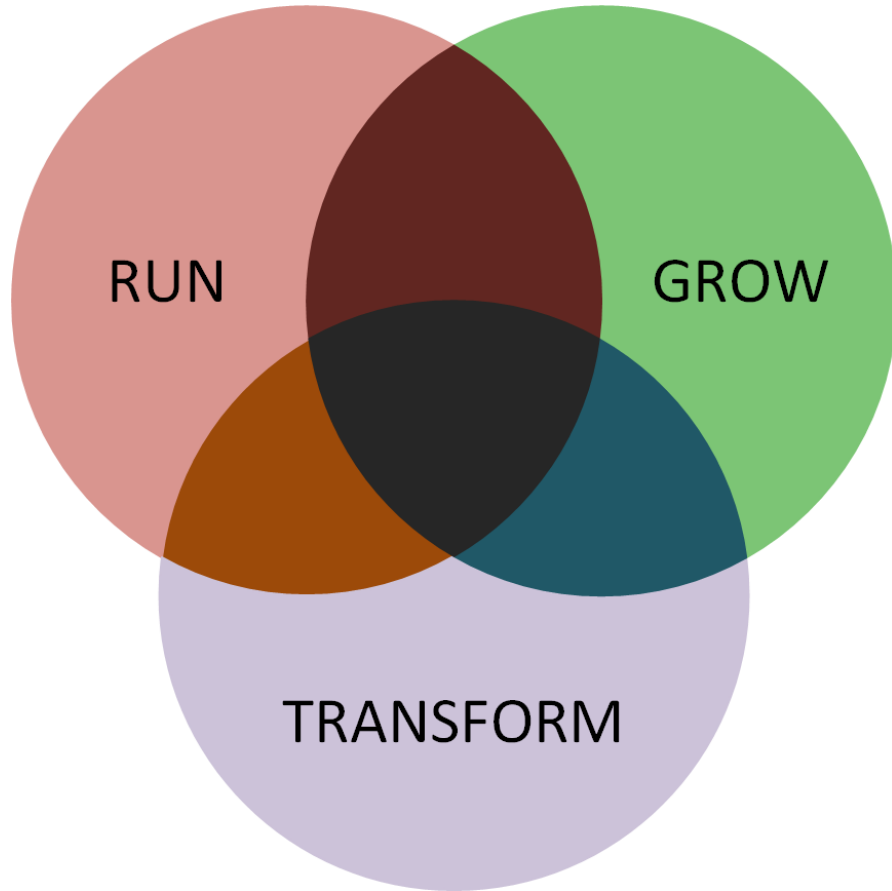
Server Equipment
Refresh

Data Storage Refresh
& Cloud Redundancy

Digital Equity
Projects

COVID Projects:
Laptops, Wi-Fi,
In-Building
Infrastructure

Projects Underway



PC Replacement –
Workforce
Mobilization and
device refreshment



PRISM
Technical Upgrade



Splash-BI – PRISM
Reporting Tool



Network Core Refresh
Phase 2: Network
Architecture &
Security Enhancement



Network Edge (In-
Building) Refresh



Remote Access
Technologies

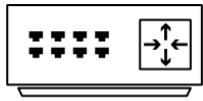


Enterprise Payment
Portal –
Enhancement



County Website
Replacement

Asset Inventory: Hardware Components



Core Network Equipment
6 Year Lifecycle
Refresh FY25



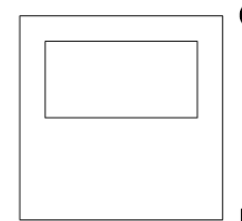
Network Edge (Hub Sites)
6 Year Lifecycle
Refresh FY26



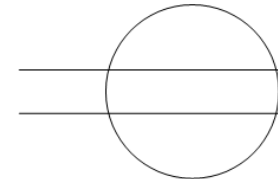
Network Edge (In-Building)
6 Year Lifecycle
Refresh FY22
(delayed from FY21)
And FY28



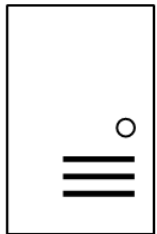
Wi-Fi
3-5 Year Lifecycle
Refreshes 20% each year
FY23 & Forward



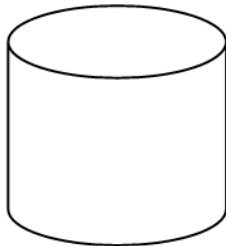
UPS & Power Systems
5 Year Lifecycle
Refresh FY21 and FY26



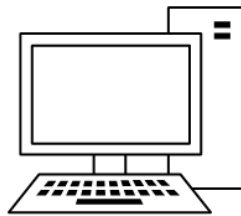
Data Center Infrastructure
Refresh = Rolling
\$20K/yr



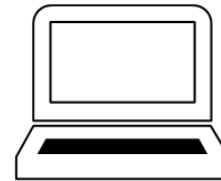
Servers & Hosts
7 Year Lifecycle
Refresh = Rolling by
End-of-Life



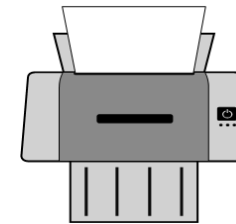
Storage
7 Year Lifecycle
Augmentation
Each Year



Desktop PCs
4 Year Lifecycle
Rolling Replacement



Laptop PCs
3 Year Lifecycle
Rolling Replacement



Printers
No Fixed
Replacement
Interval

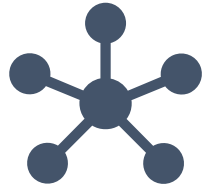


Telephone System
10yrs Old
In
Maintenance

Asset Inventory: Enterprise/Dept Software

Major Software Systems (General)

Maintained in a high-level
state of good repair.



ACE

Next Refreshment Cycle in
FY 23-FY24



Real Estate Assessment System

Replacement
in FY23-FY24



ERMS (Enterprise Resource Management System)

Roadmap Study in FY23;
Modernization in FY24-FY25



PRISM (Oracle EBS) Finance/HR System

Put in service in 2006;
Technical upgrade to
extend product life
in FY21; Scheduled
replacement spans
2 years, deferred
in FY21



Application Suites (DTS Hosted & Supported)

Enterprise = 13
Dept/Agency = ~125



Funding Changes: Technology Services

	FY 2021 Revised	FY 2022 Proposed
PAYG	\$0	\$210,000
Short Term Finance	\$9,299,000	\$2,096,715
Other Sources*	\$2,355,000	\$1,764,285

- For FY 2022, the Department Of Technology Services is focused on the completion of previously funded multi-year, multi-phase infrastructure projects.
- All FY 2022 proposed budget is focused on workforce mobilization, remote work, and refreshment for end-of-life PC Systems and Services.

* Other Sources includes unspent bond funds, CARES funds, and reallocation of existing DTS capital funds.

Projects Proposed to be Funded

Project Name - Description	PAYG	Short-term Financing	Existing Balances	Total
PC Systems & Services*	-	2,096,715	24,285	2,121,000
Network Equipment, Worker Mobility, Power Systems, Data Center and Security & Software*	-	-	90,000	90,000
Server Hardware & Data Storage*	-	-	965,000	965,000
ConnectArlington**	-	-	685,000	685,000
Courtroom Upgrades for Body Worn Camera Program	210,000	-	-	210,000

* The FY 2022 needs are being covered through existing DTS Network project balances.

** ConnectArlington funding needs are being covered through existing GO bond balances.

Key Budget Considerations

- Mobilization of workforce and in-building tech refresh are guided by post COVID "return to work".
- Increasing emphasis on network security devices and software purchases.
- Initiative to replace PRISM with new version was delayed by pandemic.

Transportation

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

County Board Work Session

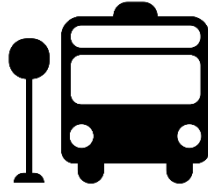
Transportation System Snapshot



1,059 Lane-miles of County maintained and managed roads



11 Metrorail stations



78 ART buses
>1,000 Bus stops
>200 Bus shelters
1 Transitway
1 Bus station
1 Multimodal center



36 County-maintained vehicular and pedestrian bridges



99 Capital Bikeshare stations (**800** Bicycles)

732 Multi-space parking meters
717 Single space meters
298 Signalized intersections

282 CCTV cameras
26 Permanent traffic count stations
1 Virginia Railway Express station

132 Uninterruptible power supply units
27 Speed indicator signs
8 Variable message signs
97 School zone flashers
30 Pedestrian flashing beacons
7,800 County-owned streetlights
44,700 Street signs

Transportation in the COVID-19 Pandemic

- Continued to deliver all services and advance plans/projects across organization
 - Engineering plan review and permitting operations improved throughput
 - Capital project construction continued with some efficiencies gained due to reduced traffic levels
- Took on additional assignments and workload responding to COVID-19
 - Although extra assignments were operational in nature, the many staff also support capital project delivery, particularly in Transportation Engineering and Operations and Transit



On-Street Parking

- 192 curbside pick-up & drop-off (PUDO) zones to assist businesses using public right-of-way



Temporary Outdoor Seating Areas

- 92 Temporary Outdoor Seating Areas (TOSAs) for restaurants & cafes to expand dining areas



ART Operations

- Rear door boarding & fare suspension to reduce spread of COVID-19
- Installation of plexiglass barriers, front door boarding & fare collection resumed January 2021

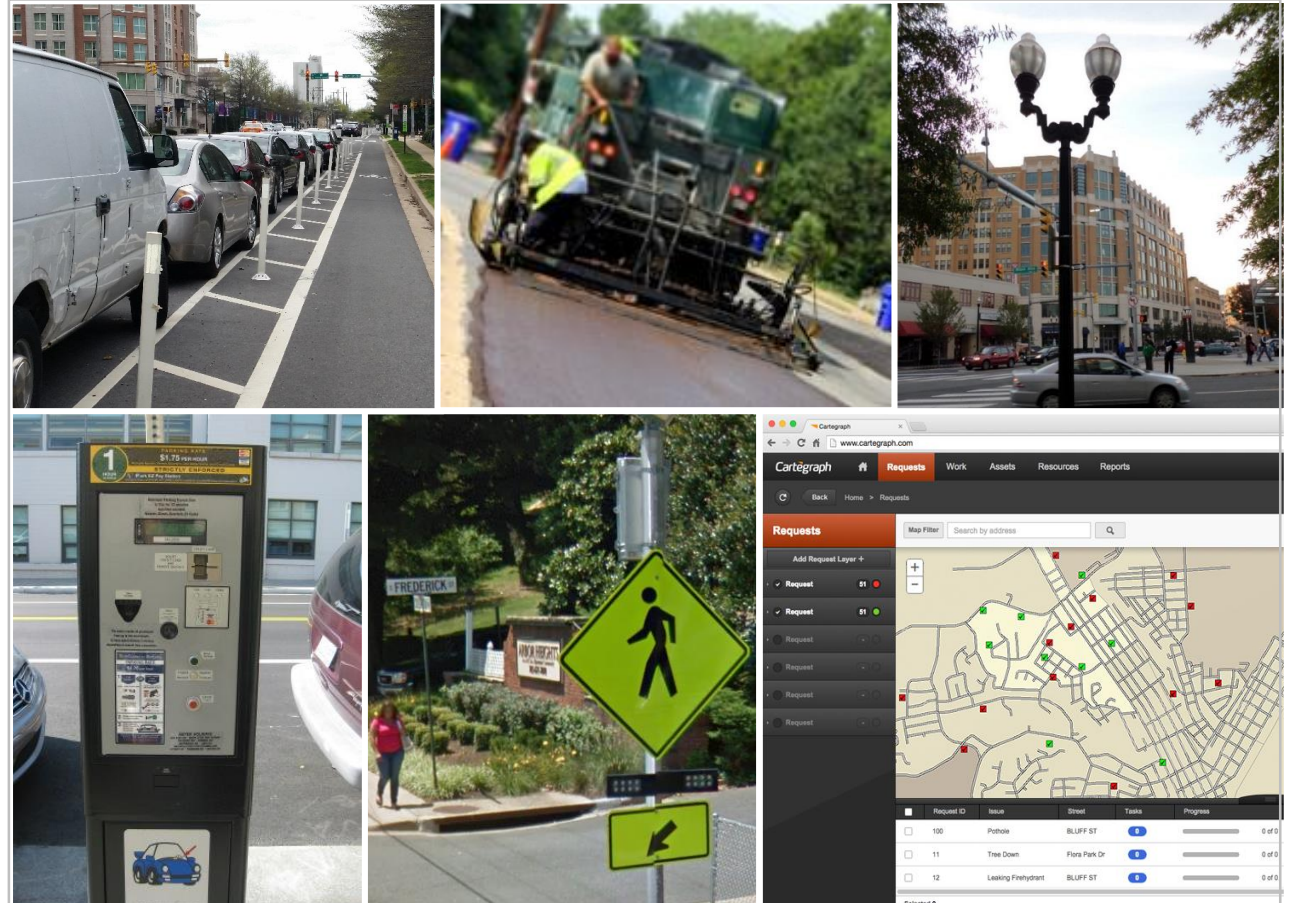


Transportation Support for Schools

- Partnered with APS to implement curbside management measures around schools to ensure safety of students

Pay-As-You-Go Funding Overview

- PAYG supports transportation assets across the County
- FY 2022 new PAYG request limited to Paving and bridges with carryover balances funding other programs
 - Strategy is one-year only and not sustainable longer term



Transportation PAYG Budget Changes

	FY 2021 Revised	FY 2022 Proposed
PAYG	\$2,975,000	\$2,652,000
GO Bond	\$14,140,000	\$3,000,000

- New GO Bonds will be determined as part of the upcoming CIP

Funded Projects: Transportation

Project Name	PAYG (\$ in 000s)
Bridge Maintenance	788
Street Safety Improvements	250 ★
Bike Arlington	60 ★
Neighborhood Complete Streets	50 ★
ITS Device Replacement	0
Parking Meters Replacement	0
Street Light Repair	0
Trail Lighting	0
Transportation Asset Management	0
Transportation Systems and Traffic Signals	0
Parking Technology	0

Plan to operate at a base level using existing balances; one-year strategy only, not sustainable longer-term

★ Represents funds reallocated from other programs within DOT, not new PAYG

Funded Projects: Transportation

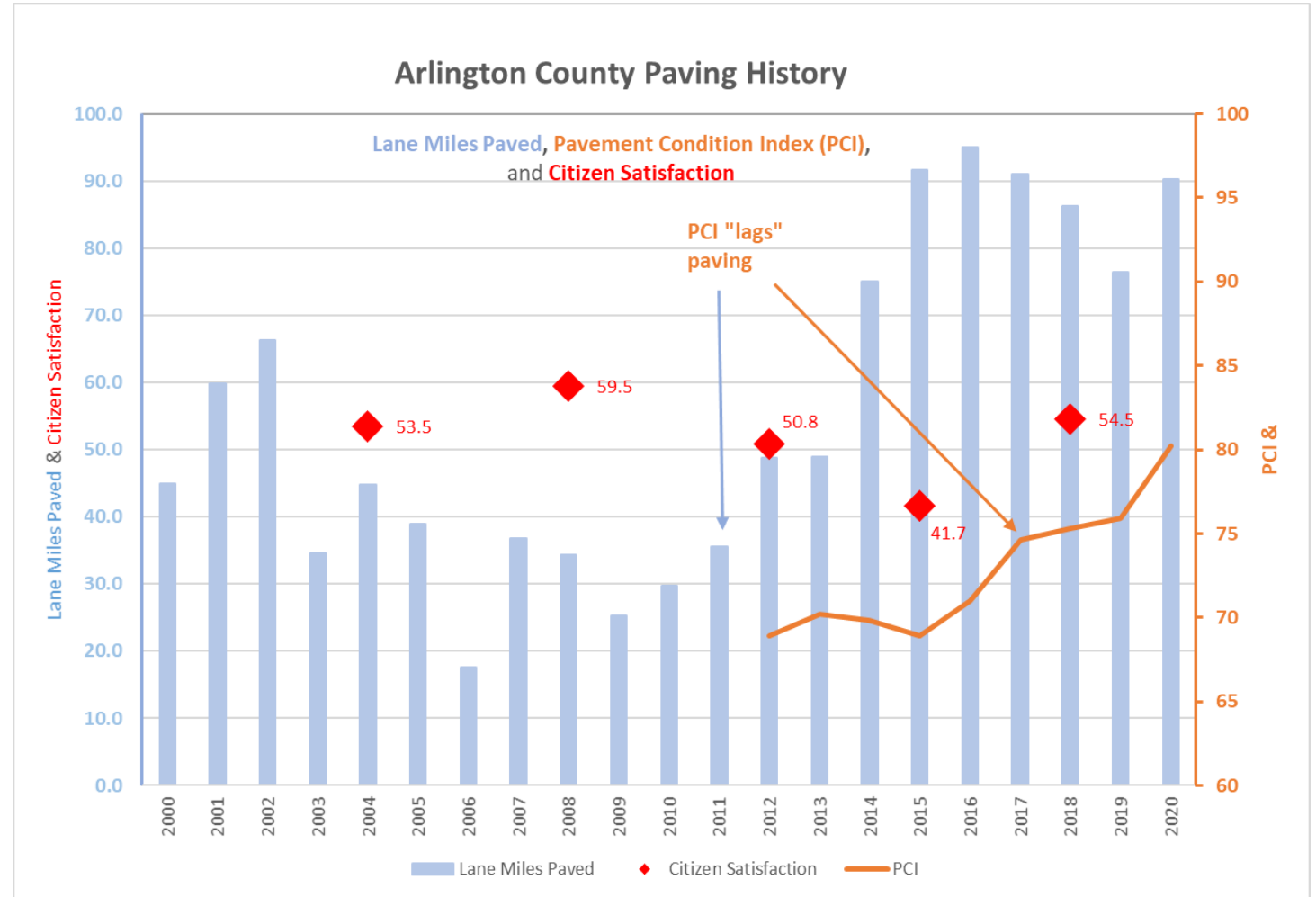
GO Bond Referenda Year	Project Name	PAYG	GO Bond*	Total
Paving Program:				
2020	Hot Mix Overlay	754	3,000	3,754
	Slurry Seal	350		350
	Microsurfacing	400		400
	Paving Program Total	1,504	3,000	4,504
	Total Transportation Capital Program	\$2,652	\$3,000	\$5,652



* Reflects partial bond funding only. Paving season for CY 2021 funded at \$8.5m (\$1.5m PAYG and \$7m Bonds). CY 2022 paving season is requested to be funded at \$12.5m (\$1.5m PAYG and \$11m Bonds).

Assets: Paving

- “Street maintenance” ranked as highest priority for improvement in Citizen Surveys of 2012, 2015 and 2018
- Recent investments and progress resulted in:
 - PCI: 68.9 (2015) → 80.2 (2020)
 - Street Maintenance satisfaction 41.7% (2015) → 54.5% (2018)
- PCI of 80.2 indicates “State of Good Repair” near “Excellent” reflective of mild winter season (2021 paving season has already experienced worse weather)
 - Funding can transition from **Catch-Up** to **Keep-Up**
- Annual paving of ~75 Lane Miles will maintain PCI between 75-80



Assets: Bridges

- 25 vehicular and 11 pedestrian bridges
- Detailed bridge inspections every 2 years
- Inspections produce ratings for bridge components
 - ≥ 7 is Good; 5 to 6 is Fair; ≤ 4 is Poor
 - Average rating = 6
 - Goal = 6 to 7 (Satisfactory to Good)
- Average age = 48 years
 - Typical life expectancy is 75 years with proper maintenance
- PAYG and GO Bond funding support state of good repair
- Inspections occur on a regular basis and inform funding needs

George Mason Bridge Repairs over Four Mile Run



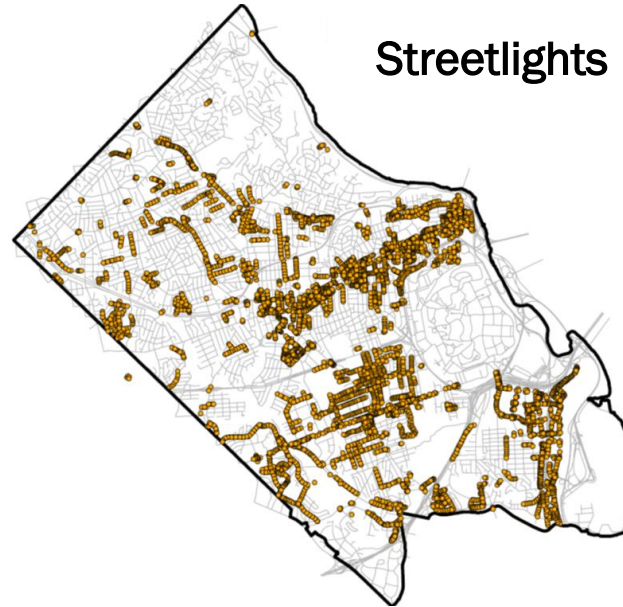
Before concrete repairs



After concrete repairs

Other Assets

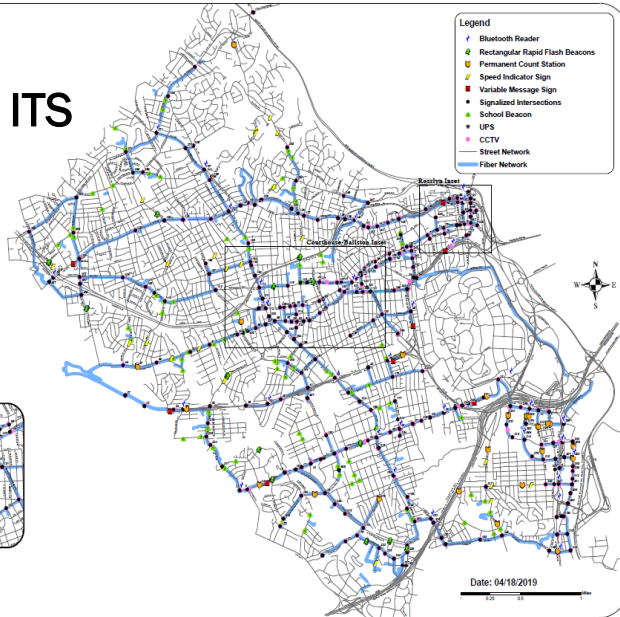
Streetlights



Signs in ROW



Signals and ITS



Parking Meters



TCF-Funded Projects

1. Clarendon Circle Intersection

- Landscaping, markings completed early 2020 for \$4m vs. \$5m CIP



2. Lynn Street Esplanade & Custis Trail

- Construction completed May 2020 for \$10.7m, on budget



3. Columbia Pike - Jefferson St to FMR (\$34m)

- Substantial completion November 2020



4. Ballston Station Multimodal (\$7.8m)

- Construction started June 2020



Transportation Capital Fund (TCF) Components

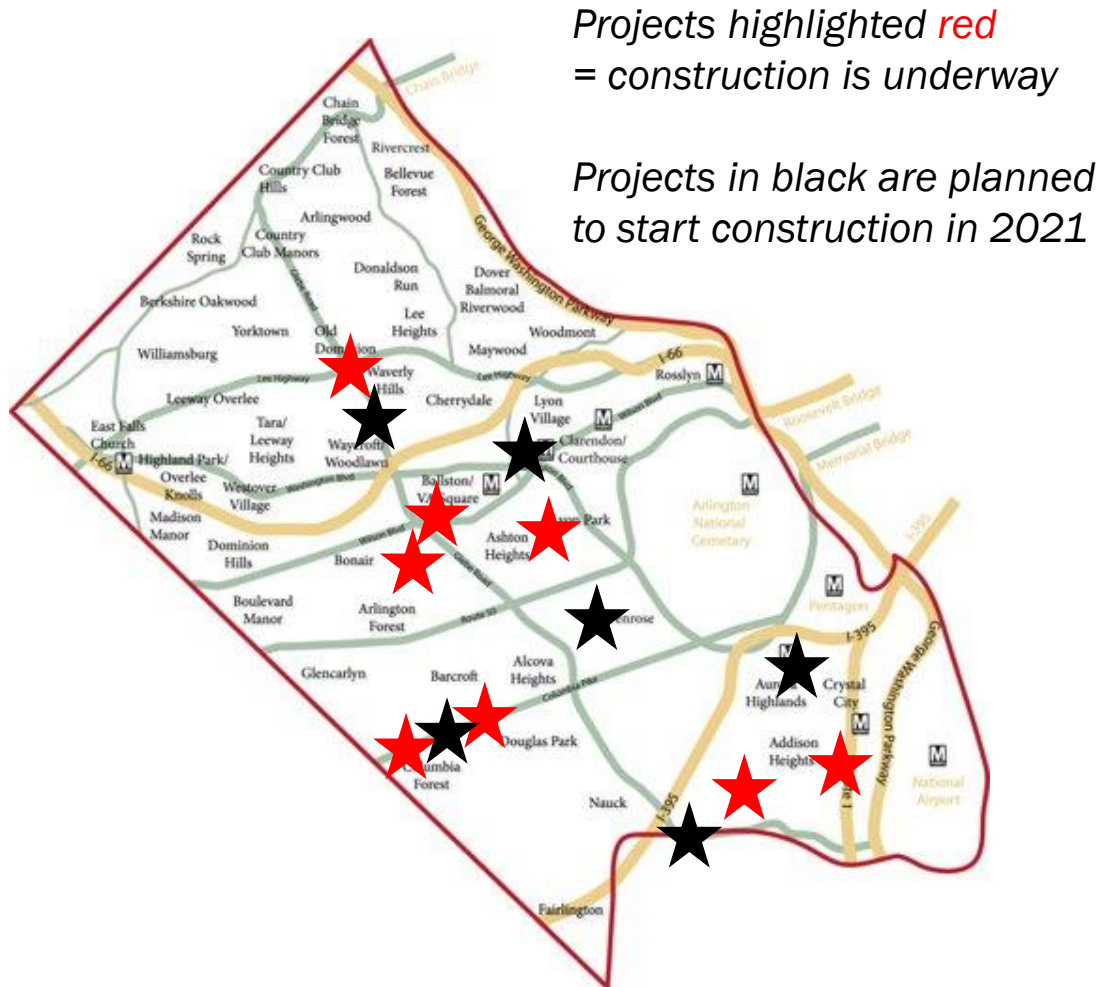
1. Local Commercial and Industrial (C&I) Tax

- Available for new construction/expansion of roads/transit, including debt service on bonds to support capital costs.
- Served as a basis for leveraging state, regional and federal transportation funds for major capital projects.
- Vacancy rates impact revenues, resulting in tax fluctuations.
- **\$24.9M anticipated in FY 2022, 4% lower than FY 2021**

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

- 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.
- Served as a basis for leveraging state, regional and federal transportation funds for major capital projects.
- **\$9.1M anticipated in FY 2022, 15% higher than FY 2021**
 - Key driver of YoY increase is sales tax assumption with reinstatement of Grantor's tax adding a small amount

Construction in Calendar Year 2021



- 18th Street N. and N. Glebe Road Safe Routes to School
- **Ballston Station Multimodal Improvements**
- **Columbia Pike Streets - S. Jefferson Street to Four Mile Run (Segments H&I)**
- Columbia Pike Four Mile Run Bridge (sidewalk widening)
- **Columbia Pike Transit Stations (first 8 stations)**
- **Crystal City Streets - 23rd Street: S. Eads Street to Route 1 (Phase 1)**
- **Lee Highway & Glebe Road Intersection (streetscape improvements)**
- **N. Carlin Springs Road Safety Improvements**
- Pentagon City Metro Station Second Elevator
- **Pershing Drive Complete Streets (Phase 1)**
- **S. Arlington Ridge Road and S. Lang Street Safety Improvements**
- S. Walter Reed Drive Complete Streets Improvements (Phase 1)
- Washington Boulevard & 13th Street Improvements
- West Glebe Road Bridge Reconstruction

FY 2022 Budget Summary – TCF

	FY 2021 Adopted	FY 2022 Proposed	Change	% Change
Expenses	\$70,467,355	\$74,375,551	+\$3,908,196	+5.5%
Revenue	\$34,436,800	\$33,963,837	-\$472,963	-1.4%
Staff	29 FTEs	34 FTEs	+5 FTEs	+17.2%

- Fund balances will be used to cover a portion of FY 2021 and FY 2022 expenditures
- TCF revenues are paired with other internal and external funding sources to deliver capital program
- FTE increase reflects moving 5 capital program managers from General Fund to TCF

Fund Balance (including Grants)

Transportation Capital Fund – Commercial & Industrial Tax

<i>\$ in Millions</i>	FY 2020	FY 2021	FY 2022
	<u>Actual</u>	<u>Re-estimate</u>	<u>Proposed</u>
Opening Balance July 1	135.9	146.6	140.9
Grant Revenues	10.4	8.6	19.0
Developer Contributions	1.0		
Commercial Real Estate Revenues	25.5	25.8	24.9
Total Revenues	36.9	34.5	43.9
Total Balances & Revenues	172.8	181.1	184.8
Expenses	(26.3)	(40.2)	(43.7)
Closing Balance, June 30	146.6	140.9	141.1

- *Increased spend vs. FY 2020 actuals is mostly driven by Columbia Pike construction spending*
- *Fund balance is fully programmed to active projects*

Fund Balance (including Grants)

Transportation Capital Fund – NVTA Local

<i>\$ in Millions</i>	FY 2020 <u>Actual</u>	FY 2021 <u>Re-estimate</u>	FY 2022 <u>Proposed</u>
Opening Balance July 1	35.7	35.8	36.6
Capital Bikeshare - User Fees	0.5	0.5	0.8
Grant Revenues	6.4	1.3	15.7
NVTA Local Revenues	8.1	7.9	9.1
Revenues	15.1	9.7	25.7
Total Balances & Revenues	50.8	45.6	62.2
Expenses	(14.9)	(9.0)	(30.7)
Closing Balance, June 30	35.8	36.6	31.5

- *\$21.7M step up in spend forecasted in FY22 driven primarily by replacement bus purchases that occur periodically (+\$13.7m) and Signals and ITS projects within TE&O program (+\$4.3m)*
- *Fund balance is fully programmed to active projects*

Operating Costs in TCF



- TCF not only used for new transportation infrastructure – also used for new transportation services
 - Unlike capital project costs, these are ongoing in nature

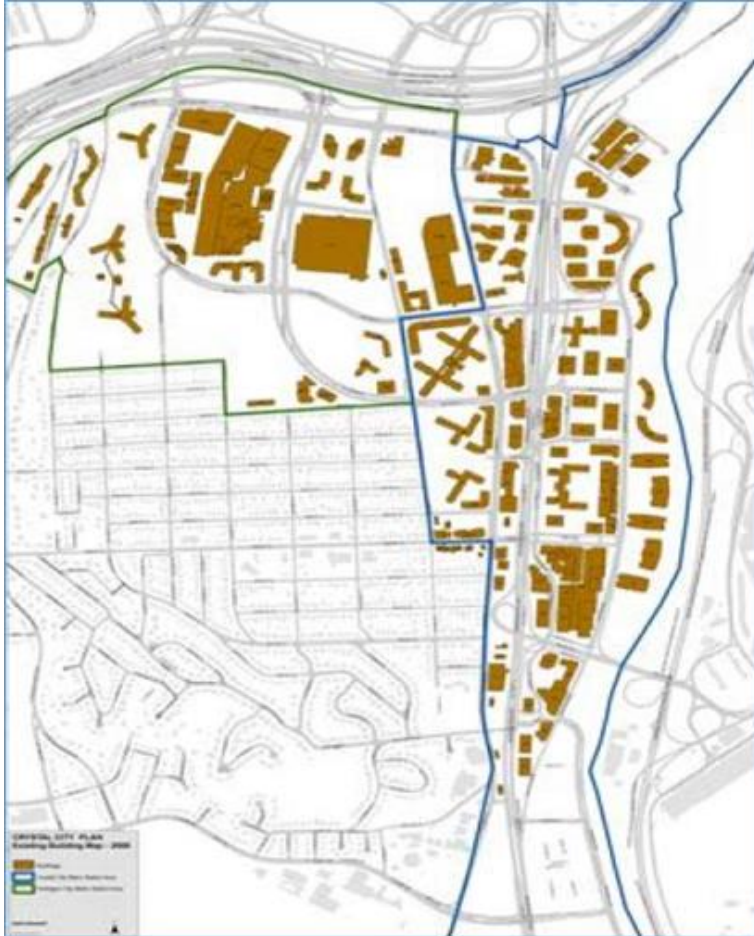


- Percent of TCF revenues directed to operations and program administration increased from 17% in FY 2020 to 18% in FY 2021



- Percent of TCF revenues directed to operations and program administration is 20% of proposed FY 2022 budget
 - Full year impact of higher cost of ART operations and maintenance contract combined with lower expected fare revenue
 - 5 project managers moved from General Fund to TCF

Crystal City 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 redevelopment

TIF-Area Projects



1. Crystal City Streets - 23rd Street: Eads to Route 1 (Phase 1)

- Construction started September 2020 \$9m total cost both phases

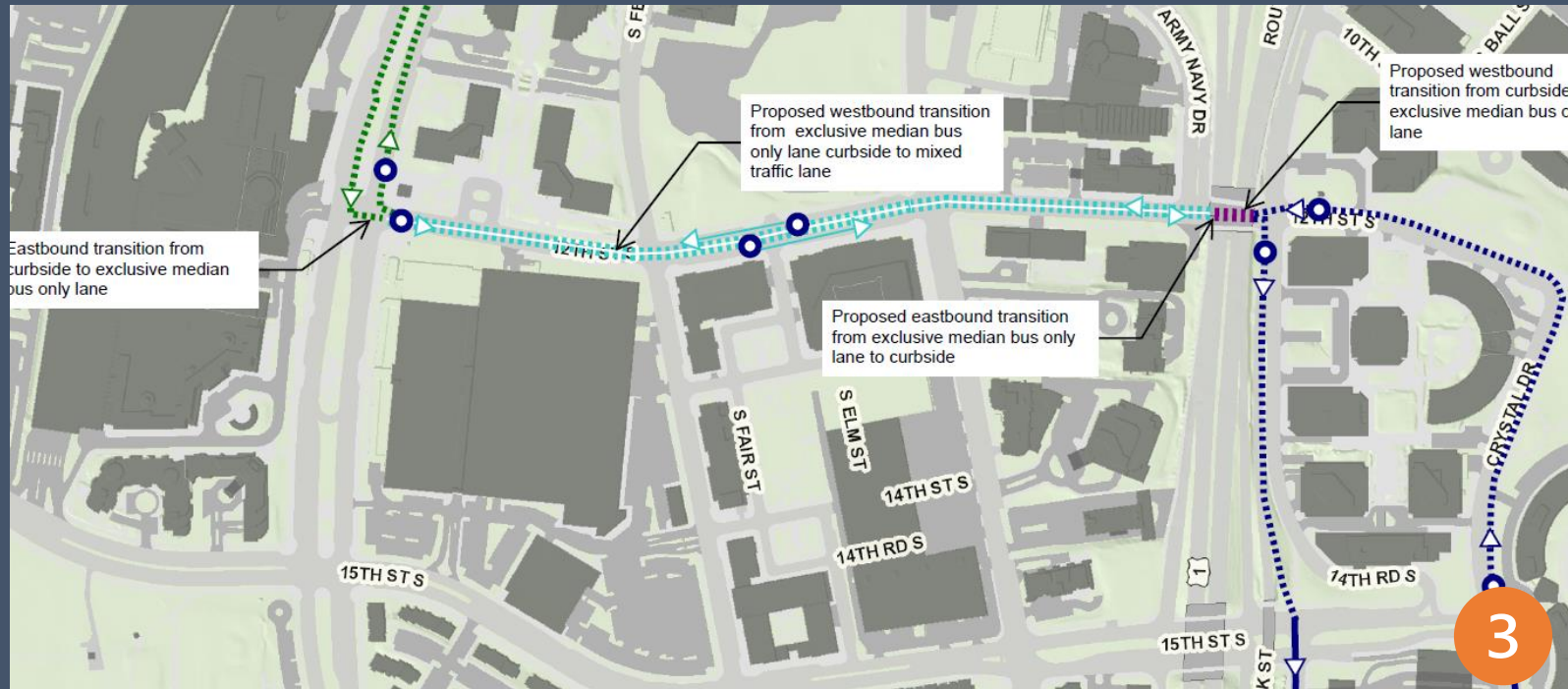


2. Removal of Elevated Clark/ Bell Streets

- Completed winter 2020 for \$6.3m vs. \$8.7m CIP budget

3. Transitway Extension to Pentagon City (\$27.7m)

- Construction of Crystal Drive segment to be coordinated with 12th Street S. Complete Street project in 2021/2022



Crystal City/Pentagon City Projects

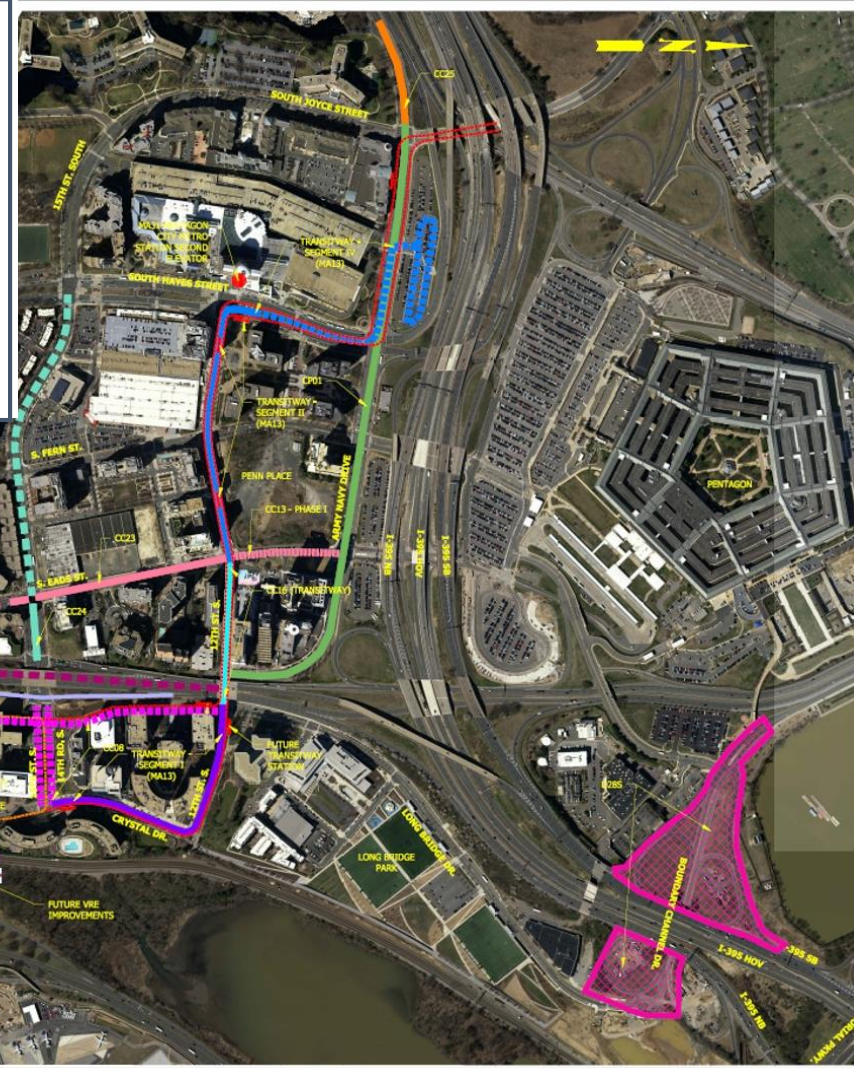
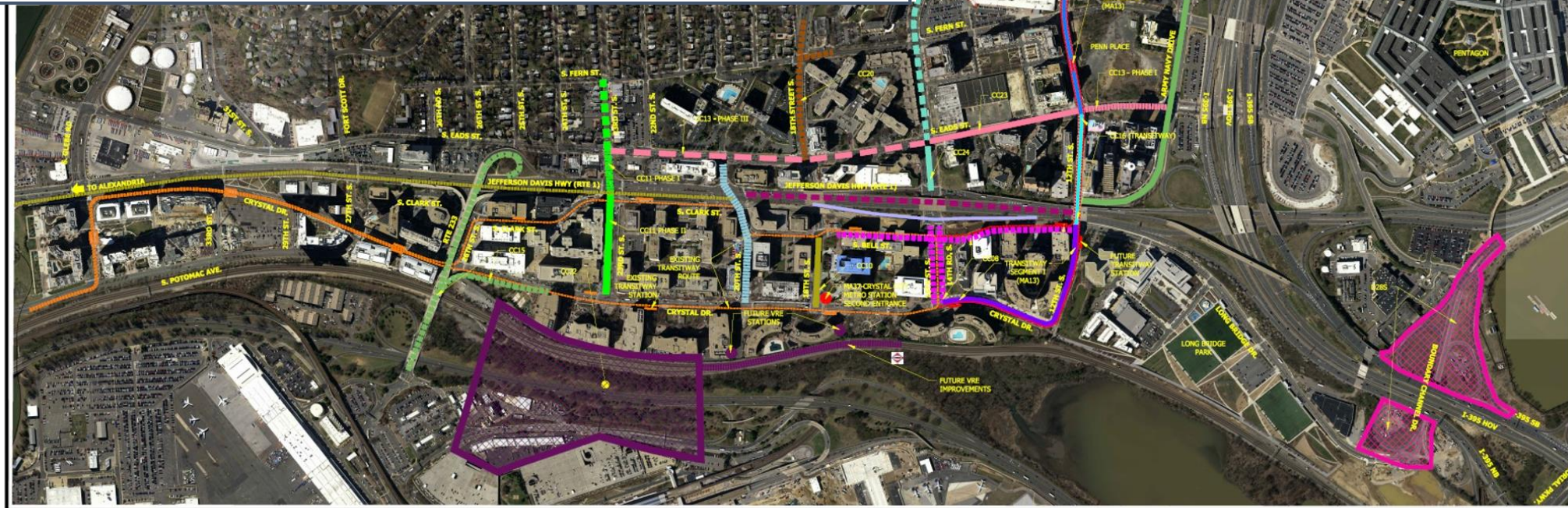
Key projects:

Complete Streets Projects

- Army Navy Drive Complete Street
- Boundary Channel Drive Interchange
- CC2DCA Intermodal Connector NEPA Study

Transit Projects

- Crystal City Potomac Yard Transitway Extension to Pentagon City
- Crystal City Metro Second Entrance



FY 2022 Budget Summary – TIF

	FY 2021 Adopted	FY 2022 Proposed	Change	% Change
Expenses	\$9,013,320	\$8,936,500	-\$76,820	-0.9%
Revenue	\$5,759,940	\$4,303,230	-\$1,456,710	-25.3%
Staff	7 FTEs	7 FTEs	–	0.0%

- FY 2022 proposed revenue reflects TIF at an increment of 25% vs. Calendar Year 2011 (base year)
- TIF revenues are paired with other internal and external funding sources to deliver capital program
- Fund balances are used to cover a portion of FY 2021 and FY 2022 expenditures

Fund Balance (including Grants)

Crystal City, Potomac Yard, and Pentagon City TIF Fund

<i>\$ Millions</i>	FY 2020 Actual	FY 2021 Re-Estimate	FY 2022 Proposed
Opening Balance, July 1	23.4	23.5	24.1
Tax Revenues	5.5	5.2	4.3
Grant Revenues	0.4	0.7	3.0
Total Revenues	5.9	5.9	7.3
Total Revenues and Balance	29.3	29.5	31.3
Expenses	(5.8)	(5.4)	(8.9)
Closing Balance, June 30	23.5	24.1	22.4

- \$3.6M step up in spend forecasted in FY 2022 is driven primarily by Crystal City Street projects (+\$2m)
- Fund balance is fully programmed to active projects

Key Budget Considerations

PAYG

- PAYG: FY 2022 PAYG request limited to SGR needs where existing balances were deemed inadequate. Select unfunded requests met with existing funds reallocated from other programs within DOT.
 - One year strategy only, not sustainable longer-term

TCF

- TCF: The tax/fee rates and eligible uses for C&I and NVTALocal/Regional are established in the State Code. The General Assembly can adjust these parameters at will.
 - TCF and TIF allow the County to make critical investments in transportation infrastructure and services that enhance Arlington's overall business environment.

TIF

- TIF: The County Board sets the annual rate for the CC/PC/PY TIF and has revised it over time due to other County pressures.
 - Initial rate set at 33% - reduced to 30% in FY 2018 and to 25% in FY 2019
 - The proposed FY 2022 budget recommends maintaining the 25% rate

Metro

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

County Board Work Session

	FY 2020 Actual	FY 2021 Adopted	FY 2022 Proposed	% Change '21 to '22
Metrobus	\$35,147,328	\$35,151,115	\$35,151,115	-
Metrorail	41,841,624	42,803,062	43,368,906	1%
Silver Line Phase II	-	7,321,818	7,321,818	-
MetroAccess	1,171,480	1,221,480	1,221,480	-
FY 2019 Labor and MetroAccess Costs	2,873,873	-	-	-
Total WMATA Subsidy	81,034,305	86,497,475	87,063,319	1%
Source of Contributions				
State Transit Aid	30,445,526	28,163,330	29,915,730	6%
Regional Gas Tax	2,650,000	1,000,000	1,000,000	-
Subtotal, NVTC REVENUES	33,095,526	29,163,330	30,915,730	6%
Transportation Capital Fund - New Bus Operating Costs	341,142	341,142	341,142	-
CARES Act Funding	-	9,184,239	9,184,239	-
Total Revenues/Other Sources	33,436,668	38,688,711	40,441,111	5%
One-Time Funding	2,838,033	1,186,556	-	-100%
Ongoing General Fund Tax Support	44,759,604	46,622,208	46,622,208	-
TOTAL NET GENERAL FUND TAX SUPPORT	\$47,597,637	\$47,808,764	\$46,622,208	-2%

Capital Program

COUNTY MANAGER'S PROPOSED FY 2022 BUDGET

County Board Work Session