



PRINCE WILLIAM
COUNTY

Parks, Recreation, and Tourism Bond Project Overview

Seth Hendler-Voss, DPRT Director

April 6, 2021

Bond Referendum Summary



- \$41M in projects approved by voters:
 - Fuller Heights Expansion \$6M
 - Hellwig Park Turf Fields \$3M
 - Howison Park Improvements \$6M
 - Neabsco District Park \$6M
 - Trails, ADA, and Open Space \$20M
 - Includes, but not limited to Neabsco Greenway, Occoquan Greenway, etc.

Fuller Heights Expansion (\$6M)



- Expand existing community park
- (2) 230' fields and parking



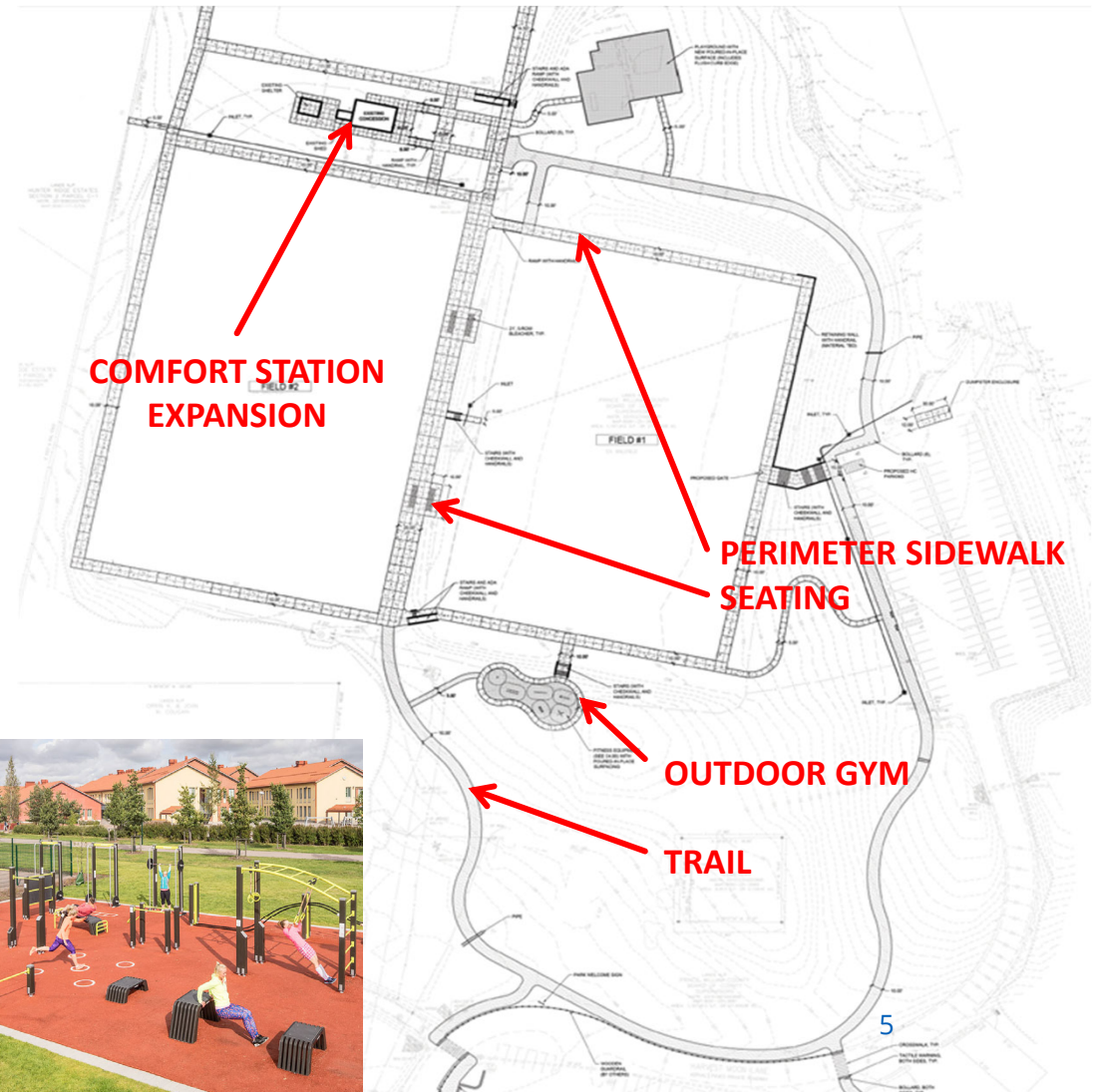
Hellwig Park Turf (\$3M)

- Up to 2 fields
- Will replace existing natural turf fields
- Will provide year-round, all weather play



Howison Park Improvements (\$6M)

- Functional and accessibility improvements to existing community park
- ADA improvements, trail, spectator seating, fitness equipment, comfort station expansion, additional parking



New Park Development (\$6M)

- Neabsco District
- New amenity-rich community park
- Destination playground, climbing wall, hill slides, skating ribbon, and amphitheater



Countywide Trails, ADA, and Open Space (\$20M)



- Trail projects:
 - Neabsco Greenway \$5.0M*
 - Occoquan Greenway \$3.5M*
 - Totals \$8.5M/\$20M authorization
- Specific land acquisitions not named in referendum; trail projects will include land acquisition
- Staff will present land acquisition options to the BOCS
- Specific ADA projects not named in referendum

*named in referendum



Bond Project Implementation



- All projects included in 6-year CIP (\$41 M)
- Appropriations for capital outlay:

	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	Total
Trails & Open Space	\$2,500,000		\$14,600,000		\$2,900,000		\$20,000,000
Fuller Heights Park Expansion			600,000		5,400,000		6,000,000
Hellwig Park Artificial Turf Fields	250,000	2,750,000					3,000,000
Howison Park Improvements	350,000		5,650,000				6,000,000
Neabsco District Park				750,000		5,250,000	6,000,000
	\$3,100,000	\$2,750,000	\$20,850,000	\$750,000	\$8,300,000	\$5,250,000	\$41,000,000

- Debt service and operating expenses programmed in proposed five-year plan

FY 2022 Projects



Total of \$3.1M

■ Occoquan Greenway Design	\$0.50M
■ Powell's Creek Crossing Design*	0.50M
■ Howison Park Design	0.35M
■ Hellwig Park Turf Fields	0.25M
■ Land Acquisition	<u>1.50M</u>
	\$3.10M

*not explicitly named in referendum

Revised FY22 Parks Capital



Project	FY22 Capital Appropriation	
	Land Acquisition	Design
Trail, Open Space & Accessibility	\$1,000,000	
Neabsco Greenway		\$500,000
Occoquan Greenway		\$500,000
PHNST - Powells Creek Boardwalk		\$500,000
Howison Park Improvements		\$350,000
Hellwig Park Turf Fields		\$250,000
Total	\$1,000,000	\$2,100,000

	FY2022	FY2023	FY2024
Adjustments from Proposed:			
Neabsco Greenway	\$500,000		(\$500,000)
Trails & Open Space (Land Acquisition)	(500,000)		500,000
	\$0	\$0	\$0

- No impact on debt service and operating expenses programmed in proposed five-year plan

Future Park Capital Needs



- \$500M+/- in unmet needs identified in the Master Plan
- Includes \$41M in 2019 Bond Referendum projects
- 3 Categories:
 - Sustainable (Maintain what's existing)
 - Expansionary (Expand what's existing)
 - Visionary (Build new)

TERM	Estimated Total Project Cost
Short Term (Years 1-5)	\$42,544,012
Mid Term (Years 6-10)	\$60,309,638
Long Term (Years 11+)	\$383,807,900
TOTAL	\$486,661,550

SERVICE LEVEL	Estimated Total Project Cost
Sustainable Projects	\$32,396,550
Expanded Service Projects	\$172,465,000
Visionary Projects	\$281,800,000
TOTAL	\$486,661,550



Environmental Sustainability

Jenny Boeder, Finance

Tom Smith, Public Works

Rebecca Horner, Office of Executive Management

Michelle Attreed, Finance

Environmental Sustainability



- Prince William County's Environmental Management System Program
- Sustainability from a Countywide Perspective
- Plastic Bag Tax Legislation
- Questions



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Prince William County's Environmental Management System Program



History of Environmental Management in PWC



Virginia Environmental Excellence Program

- Certified Environmental Management System Plans
- Groups identify high impact activities
- Create plans to minimize or eliminate impact
- Annual reporting on progress to DEQ



Solid Waste



Public Works

**Facilities & Fleet
Management (FFM)**

Fire & Rescue

Parks, Rec & Tourism



Police

Libraries



PWC Environmental Council

- Six departments on the Council, Risk & Wellness facilitates
- Focus efforts on shared impacts
- Develop policies, action plans

Three Stages of Sustainability

Compliance

- Not strategic or centralized
- Volunteer driven
- “green teams”
- Meeting minimum requirements is focus

Efficiency

- Strategy driven
- Look to cut waste, protect reputation
- Recycling, energy savings is focus

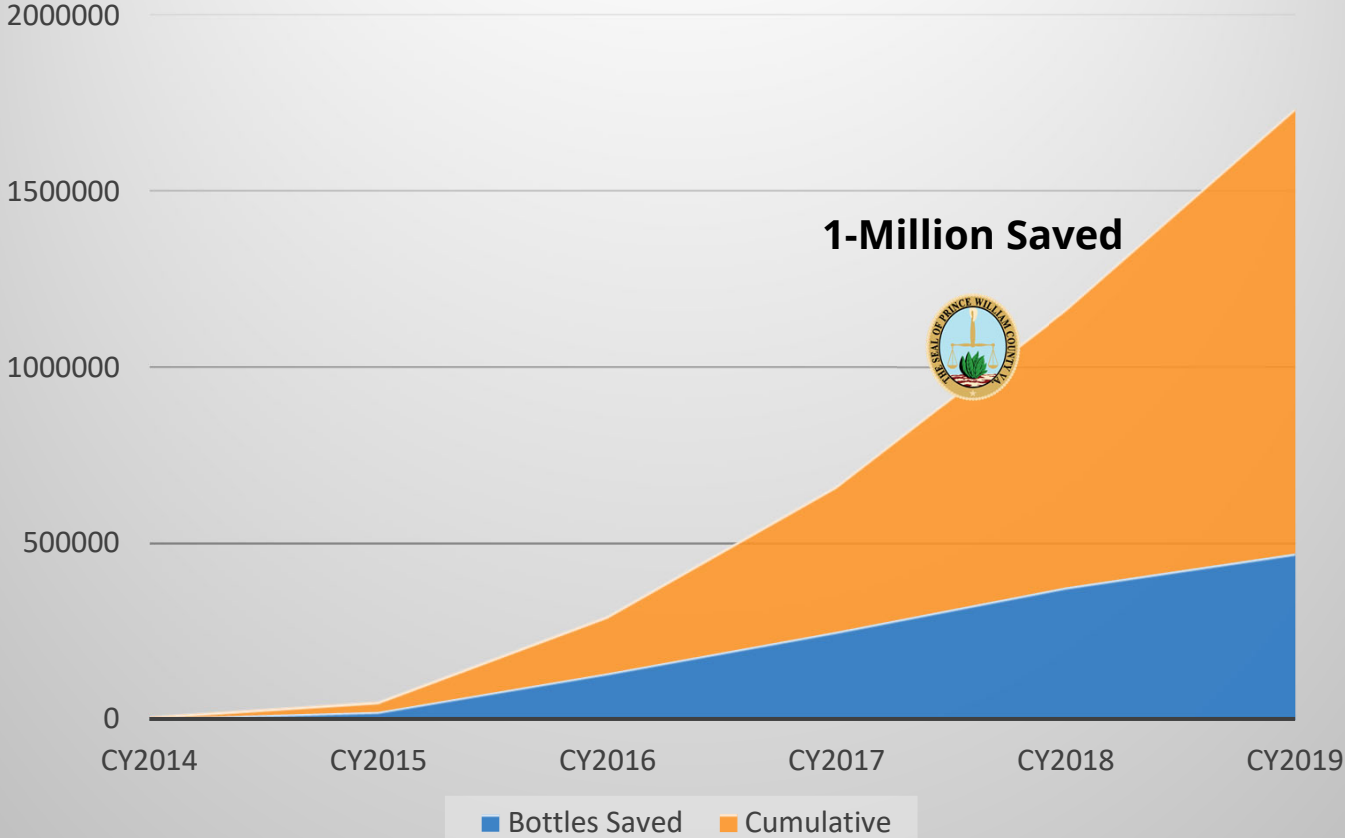
Innovation

- Sustainability integrated into core business
- Systems, controls, centralized programs are the focus



Sustainability Strategies: Waste Reduction

Single-Use Plastic Bottles "Saved" with Bottle Station Program



- Over 30 units installed by FFM, Parks
- Now saving over 500,000 bottles a year

Example Results of Projects: 2016-2019



Energy

- **154 Million kWh** generated from Landfill
- **2.1 Million kWh** reduced consumption in buildings



Hazardous Waste

- **19,200-lbs** recycled
- **5,900-lbs** reduction



Pollution Prevention

- **64,461-lbs**



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Environmental Sustainability

Rebecca Horner, AICP, CZA
Office of Executive Management



What is Sustainability?

Avoidance of the depletion of natural resources in order to maintain an ecological balance.

Which can be addressed in many areas, such as:

- Energy
- Environment
- Food
- Green Building
- Land Use Planning
- Transportation
- Waste



What PWC Policy Documents Currently address components of sustainability?

- Comprehensive Plan
 - Environment Chapter
 - Open Space Chapter
 - Technology Chapter
 - Land Use Chapter
- Zoning Ordinance
- Design Construction Standards Manual

What are some examples of existing PWC policies and regulations supporting sustainability?

- Policies related to climate and air quality, watershed planning, energy and surface and groundwater
- Policies related to preservation of agricultural land uses
- Minimum open space requirements
- Link land uses with multi-modal transit options (including sidewalks and trails) which reduces reliance on vehicles
- Encourages using technology to more efficiently deliver services. Encourage use of electric charging stations at all facilities
- Encouraging compact walkable integrated mixed-use development

Current Directives/Resolutions



Since 2020, the Board has issued several directives related to sustainability:

- **Dir. No. 20-40 [June 2, 2020]**
 - Create a C-PACE program to provide for financing mechanism for renewable energy projects (Response September 3, 2020 attached)
- **Dir. No. 20-79 [October 6, 2020]**
 - Create a Sustainability Plan (Response November 2, 2020 attached)
- **Dir. No. 20-81 [October 6, 2020]**
 - Require a certain percentage of native plants to be used on all County projects

Current Directives/Resolutions



- **Dir. No. 20-42 [October 20, 2020]**
 - Research options for creation of a Sustainability Commission, summarize area jurisdictions commissions (November 30, 2020 Response Attached)
- **Dir. No. 20-84 [October 20, 2020]**
 - Update Community Energy Master Plan (referenced in the Environment Chapter of the Comprehensive Plan)
- **Dir. No. 20-85 [October 20, 2020]**
 - Begin a Community-Wide Climate Planning Process that addresses MWCOG greenhouse/carbon reduction goals

Current Directives/Resolutions



- **Res. No. 20-773 [November 17, 2020]**
 - Endorse MWCOG climate mitigation goal (50% greenhouse gas emissions reductions below 2005)
 - Endorse MWCOG climate resiliency goals (become a climate ready region to make progress to be a climate resilient region by 2030)
 - Incorporate goal of 100% of PWC electricity to be from renewable sources by 2030 and for PWC Government to be 100% carbon neutral by 2050 into the Comprehensive Plan.
 - Make recommendations for the creation of a public advisory body charged with advising on potential enhancements to the Community Energy Master Plan (CEMP)
 - Incorporate equity principles and environmental justice into the Community Energy Master Plan (CEMP) and the Comprehensive Plan
- **Dir. No. 21-08 [February 2, 2021]**
 - Report out timeline for the creation of a climate action plan

What Are Our Neighboring Jurisdiction's Initiatives?



- **City of Alexandria**

- Eco-City Alexandria
- Environmental Policy Commission
- Sustainability Coordinator
- Eco-City Charter (2008)
- Environmental Action Plan 2040 (2009, 2019)

- **Arlington County**

- Community Energy Plan (2019) (in their Comp Plan)
- Community Energy Plan Implementation Framework (ongoing 2021)
- Environment and Energy Conservation Commission
- E2C2 Energy Committee

What Are Our Neighboring Jurisdiction's Initiatives?



- **Fairfax County**
 - Office of Environmental and Energy Coordination
 - Community-wide Energy and Climate Action Plan (2019)
 - Environmental Quality Council
 - Joint Environmental Task Force (Board and School Board)
- **Fauquier County**
 - Department of Environmental Services
- **Stafford County**
 - Environmental Services Division, Public Works
- **Loudoun County**
 - C-PACE
 - Energy and Conservation Program
 - Energy Strategy (2009)
 - Environmental Commission (Recently created 2020/2021)

How Do We Continue to Progress the Issue of Sustainability in PWC?



- **Establish an Office of Sustainability**
 - Include Budget and appropriation for administration. We expect this to cost \$200,000 to start up the office
- **Budget and Appropriate for a Community Energy Master Plan/Sustainability Plan**
 - We expect this to cost no more than \$450,000
- **Create a Sustainability Commission**
 - Community appointees to include citizen representation as well as sustainability groups located in Prince William County, and other stakeholders that will liaise with the existing Prince William County Environmental Council* and other necessary departments

*Includes Risk & Wellness Services, Public Works, Police, Fire, Parks, Library

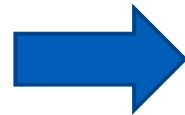
What About All of the Issued Board Directives?



Board Directive

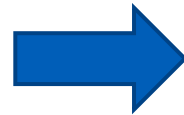
Board Action Needed

C-PACE



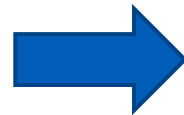
County plans to bring draft ordinance to BOCS in early summer for Board adoption

Sustainability Plan (CEMP)



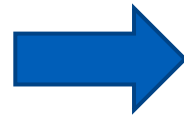
Budget and Appropriate \$450,000

Native Plants



Staff has already amended internal policies to require native plants in County projects. No Board action needed

Sustainability Commission



Direct the Creation and Budget and Appropriate \$200,000 for the Office of Sustainability, which will administer the Sustainability Commission

What About All of the Issued Board Directives?

Board Directive

Board Action Needed

Incorporate energy and carbon goals into Comprehensive Plan



Staff amended scope of Comprehensive Plan update to include additional energy and carbon goals.
No Board action needed

Incorporate environmental justice and equity into Comprehensive Plan



Staff amended scope of Comprehensive Plan update to include definitions and goals related to environmental justice and equity.
No Board action needed

Endorse MWCOG climate mitigation goals



No further action needed as this was an endorsement

Endorse MWCOG climate resiliency goals



No further action needed as this was an endorsement



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Plastic Bag Tax

Michelle Attreed, Director of Finance/CFO



Local Plastic Bag Tax

- **Enabling legislation passed during the 2020 General Assembly**
 - Authorizes a \$0.05 local tax on each disposable plastic bag provide at a grocery, convenience and drug stores
- **Revenue Uses**
 - Environmental clean-up, waste reduction education, mitigating pollution and litter
 - Providing reusable bags to federal nutritional assistance programs (SNAP and WIC)
- **Any local tax must be enacted at the start of a calendar quarter and the County must notify the Tax Commissioner's Office at least 3-months prior to the effective date of the tax**



Local Plastic Bag Tax

- **Exemptions from Tax**

- Durable reusable plastic tote bags (> 4 mils),
- plastic bags used solely to wrap, contain, or package ice cream, meat, fish, poultry, produce, unwrapped bulk food items, or perishable food items

- **Cost Recovery to Retailers**

- Retailers may retain \$0.02 between January 1, 2021 and January 1, 2023 and \$0.01 after January 1, 2023

- **Other Localities Considering Bag Tax**

- Concerned about uniformity and are awaiting guidelines which the Tax Commissioner's Office is required to make publicly available (3 months prior to 1st law)



Potential New Revenue: Plastic Bag Tax



- Any county or city may, by duly adopted ordinance, impose a tax in the amount of five cents (\$0.05) for each disposable plastic bag provided, whether or not provided free of charge, to a consumer of tangible personal property by retailers in grocery stores, convenience stores, or drugstores (§ 58.1-1745)
 - Any tax imposed under this section shall be collected by the retailer, along with the purchase price and all other fees and taxes, at the time the consumer pays for such personal property
 - **Estimated to generate approximately \$50-\$54 thousand in new tax revenue in early years; increasing over time to \$90 thousand**
- **Pros:** Diversifies the tax base; reduces the use of disposable bags that end up in the County's landfill
 - **Cons:** Would require new resources to administer (i.e., public information & outreach outreach campaigns, distribution of reusable bags for equity, tax administration, collection and reporting efforts)



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Questions?

