

# Parks

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## **Fairfax County Park Authority Goals**

- ✓ To provide residents with a park system that will meet their needs for a variety of recreational activities.
- ✓ To establish full opportunity for all residents and visitors to make constructive use of their leisure time through the provision of recreational and cultural programs within safe, accessible, and enjoyable parks.
- ✓ To serve as the primary public mechanism for the preservation of environmentally sensitive land and water resources and areas of historic significance.
- ✓ To preserve, restore and exhibit the County's historical heritage.
- ✓ To systematically provide for the long-range planning, acquisition and orderly development of a quality park system that keeps pace with the needs of an expanding population.

## **Northern Virginia Regional Park Authority (NOVA Parks) Goals**

- ✓ To provide a diverse system of regional park lands and recreational facilities that meet the needs of a dynamic and growing population and enhance leisure time opportunities for Northern Virginians.
- ✓ To protect and balance development of regionally significant resources through acquisition and protection of exceptional natural, scenic, environmental, historic, cultural, recreational or aesthetic areas.
- ✓ To provide high quality park and recreation facilities by maintaining their integrity and quality with careful development, operation and maintenance practices.
- ✓ To provide leadership in the planning and coordination of regional park and recreation projects.
- ✓ To maintain sound fiscal management and long-term financial stability and solvency.

# Fairfax County Park Authority

## PROGRAM DESCRIPTION

The Fairfax County Park Authority (FCPA) is directed by a twelve-member board appointed by the County Board of Supervisors. One member is appointed from each of the County's nine supervisory districts, and three are appointed at-large. Since its establishment in 1950, the Authority has acquired 23,512 acres of parkland, including 427 individual parks. In the past, most of the funds to carry out capital acquisition and improvements were provided through bond referenda. Currently, more than half of the Park Authority operating funds are raised by revenue-producing facilities in the system; additional funding for the operations and maintenance of parks is appropriated annually by the Board of Supervisors. Grants from the state and federal government supplement funds on a limited basis; however, gifts and donations from individuals, community organizations, corporations and foundations are an increasingly important source of funding for community improvements.

## LINK TO THE COMPREHENSIVE PLAN

Fairfax County's Comprehensive Plan has established a number of objectives and policies in order to:

- ✓ Identify and serve park and recreation needs through an integrated park system that provides open space, recreational services and facilities and stewardship of natural and cultural resources.
- ✓ Protect appropriate land areas in a natural state to ensure preservation of significant and sensitive natural resources, and protect and preserve significant cultural resources on parklands.
- ✓ Provide for current and future parks and recreational needs through development of new and existing sites and the optimal use of all existing facilities, including Fairfax County Public Schools.
- ✓ Ensure the long-term protection, preservation and sustainability of park resources.
- ✓ Ensure the mitigation of adverse impacts to park and recreation facilities and service levels caused by growth and land development.
- ✓ Utilize the Urban Parks Framework to encourage developers to cooperatively develop and maintain publicly accessible urban parks, connective trails, park amenities and active recreation facilities in Tysons and other designated mixed-use centers.

Source: 2017 Edition of the Fairfax County Comprehensive Plan, Policy Plan Element, Parks and Recreation Section, as amended through 3-4-2014.

## PROGRAM INITIATIVES

In FY 2018, the cumulative level of parkland in the County held by the Fairfax County Park Authority increased by 94 acres or 0.42 percent for a total of 23,512 acres primarily due to a large addition via fee simple purchase of 57.8 acres to Confederate Fortification Park in Springfield District. Additional parkland via Board of Supervisors land transfers included the 7.3 acre Chantilly Library site in the Sully District, the 12.8 acre Rolling Wood Park site in the Mt. Vernon District, the 6.4-acre addition to Loftridge Park and the 1.2-acre addition to Dogue Creek Stream Valley Park in the Lee District. An 8.5-acre addition to Loisdale Community Park in the Lee District was acquired via donation. The agency has been challenged to acquire an additional 1,768 acres of land, which would ensure that 10 percent of the total County landmass, or a

total of 25,280 acres, are held as county parks. The current Land Acquisition Work Plan programs the expenditure of funds authorized by the 2016 Park Bond Referendum.

In addition to continuing land acquisition to work toward meeting the acreage standard established for acquisition of developable parkland, another one of the Park Authority's primary objectives over the CIP period is to complete construction already begun in County parks and to upgrade the various athletic fields and courts maintained by the Park Authority. An objective is also to sustain existing parks, facilities and natural resources. In addition, many park facilities are 20-30+ years old. Without a significant reinvestment in building and park infrastructure many of these older parks will fall into a state of deteriorating condition and functionality and repair/operating costs will increase.

Recently completed improvements include:

- Playground Improvements include replacements at Griffith, Lisle, Bucknell Manor, and Stuart Park. In addition, the Park Authority partnered with DPWES to replace the playground at Huntington Park that was removed as part of the Huntington Levee project with a new playground at Farrington Park.
- Athletic Field improvements include: In a partnership with Great Falls Soccer Club, converted an existing natural turf field to synthetic turf at Field #7. Lifecycle replacement of synthetic turf using the County's Synthetic Turf Replacement Fund at South Run District Park Fields #5 and 6, Franconia Park Field #4, Lake Fairfax Park Fields #1 and #4, Braddock Park Field #7, Poplar Tree Park Fields #2 and #3, and Patriot Park Field #1. Additional Athletic Field Improvements include the Partnership with the Washington Nationals Dream Foundation and Mason District Little League at Mason District Park Field #1 to replace existing lights with new LED lights. Field renovations included new outfield fencing, sod, irrigation, grading, dugouts, shade structures and new scoreboard. The Washington Nationals Dream Foundation also partnered with the Park Authority at Fred Crabtree Park for improvements to Field #1 and #2 including grading, sod, fencing, scoreboards and other improvements. In addition, Park bond funds were used to replace the existing irrigation on Fields #1 and #2.
- Lighting Project Improvements includes Wolf Trails Park tennis courts, replacing existing poles and fixtures with new energy efficient LED lights, Nottoway Park athletic field #4 lighting replaced, Greenbriar Park, all pathway lights and fixtures were replaced with LED lighting, South Run Park basketball court lighting, all poles and fixtures replaced with LED court lighting, Frying Pan Farm Park Visitors Center replaced existing pendent fixtures and lights with LED energy efficient fixtures, and Cub Run RECenter competition and leisure pool lighting and controls upgraded to provide savings on energy consumption and maintenance costs.
- RECenter improvements include Oak Marr Natatorium (pool) filter replacement with a modern high rate sand filtration system, Lee District and Audrey Moore RECenter elevator modernization. Also at Audrey Moore, portions of the RECenter parking area were repaved along with ADA spaces, the Area 2 Maintenance Shop was milled and repaved.
- Trail Improvements: Chessie's Trail at Lee District Park includes a new nature themed trail in the Family Recreation Area of Lee District Park. The trail includes approximately ½ mile of ADA compliant concrete trail, 3,000 square feet of elevated boardwalk area, 20 animal sculptures and interactive play features and one 20 foot steel pedestrian bridge allowing for persons of all abilities to take a walk in the woods. To compliment all the features at the Family Recreation Area is the construction of two rentable, ADA accessible picnic shelters. Additional trail improvements include paving at the Gerry Connolly Cross County Trail in Wakefield Park, Rocky Run Stream Valley, Frog Branch Stream Valley, Great Falls Grange, and installation of improved trail signage for various stream valley trails.
- Bridge Replacement projects include trail bridges at Chalet Woods Park and Foxstone/Waverly Park.
- Resource Improvements include the Colvin Run Mill Millers House. The project included the renovation of the upstairs office, upgrade of infrastructure IT, and design/construction of interpretive exhibits. Frying Pan Farm Park had drainage improvements done that included the removal and replacement of approximately 800 linear feet of existing culverts with larger size culverts and other miscellaneous improvements. At Lake Fairfax Park, Parks partnered with DPWES to provide restoration for 2,200 feet of the Colvin Run Branch of the Difficult Run Stream through a natural channel design.

- Completion of the new Clubhouse at Burke Lake Golf Course. The new 4,000 square foot golf clubhouse includes a snack bar/kitchen with a dining area for 40 people and an exterior patio area that seats another 40 people, a modern golf pro shop/check-in area, restrooms, golf pro office, administrative office suite, and related support spaces. The new facility was designed to a LEEDS Silver Standard and is completely accessible.

The Park Authority Board approved four master plans/master plan revisions during the past fiscal year, including Ellanor C. Lawrence, Turner Farm Park Master Plan Revision, Franconia District Park, and the Great Parks, Great Communities Parks and Recreation System Master Plan. The Planning Commission approved seven 2232 applications including Mount Vernon Woods Park, Ruckstuhl, and Riverbend Park.

The continuing urbanization of the County requires that the existing suburban park system be supplemented by parks that are more suitable for the urban context and provide appropriate functions, uses, amenities, visual form, ownership, and accessibility to various users of the urban environment. In 2013, the Board of Supervisors adopted a policy in the Comprehensive Plan that incorporates the Park Authority's Urban Park Framework as official guidance to define urban park metrics, elements and types. The Urban Park Framework policy clarifies expectations for community decision makers and developers who seek to implement changes to existing development patterns and provide for park and recreation needs in these areas. Prior to 2010, there were almost 90 acres of publicly owned parkland in Tysons Corner. In addition, approximately eight and a half acres of privately owned land that will either be dedicated to the Park Authority or accessible for public use was committed in major zoning applications approved prior to that time. Combined, the major applications approved since 2010 provide commitments to create an additional 65 acres of new publicly-accessible urban park space in Tysons Corner. The eight-acre Ken Lawrence Park, which includes a restored stream valley and two lighted synthetic turf athletic fields, was dedicated to Fairfax County in 2015. Collectively, the major rezoning applications approved since 2010 generate a need for eight and a half new athletic fields under their maximum development levels. Applicants have proffered to provide for this need through dedication of land areas, construction of facilities, and/or contribution of funds to Fairfax County to be used towards land acquisition and facility development. A new 2.3-acre park, the Park at Tysons II was dedicated through a developer proffer in March 2016. A 1.5-acre common green park that includes a fenced dog park and children's playground was opened to the public in 2017 in the Tysons North District and is privately owned and maintained but open to the public. Major development applications approved since 2015 in Reston have included commitments to add approximately 30 acres of publicly accessible urban parks in the Reston Transit Station Area (TSA). Collectively, the major rezoning applications approved in Reston since 2015 generate a need for the equivalent of three new athletic fields under the maximum approved development levels. A total of approximately \$11,000,000 has been committed in proffers to the Fairfax County Park Authority for the purchase of land, construction of new facilities, and/or improvements to existing athletic fields in the greater Reston area. In addition, one rezoning applicant has proffered to acquire and dedicate a seven-acre parcel in the Reston area to the Park Authority for the creation of a new public park with athletic facilities.

The implementation of the Laurel Hill Master Plan is proceeding. Funding is earmarked for infrastructure development at this project. Development of Phase I of the equestrian area in Laurel Hill is complete. An area-wide signage and way finding plan is nearly complete and a cultural resource study for the Laurel Hill House was completed as well as an historic landscape study of its gardens. Further archeological work at the site is anticipated. Improvements to the Laurel Hill Greenway portion of the Cross-County Trail continue to be made. Construction of a lighted synthetic turf diamond and rectangular athletic fields were completed at the South County Middle School in partnership with Fairfax County Public Schools to provide additional athletic fields to the surrounding communities. Maintenance and land management activities including demolition and removal of existing non-historic structures at the former Nike site continue to be provided. In addition, there continues to be some informal interest from proposers for options for the Sportsplex. Design of a large gathering space with picnic facilities at the Central Green has been completed.



A large portion of Fairfax County Park Authority projects are supported by General Obligation Bonds. The completion of the 2016 Parks Count, which is the Park Authority Needs Assessment was completed and provides recommendations for capital investments in the park system based on a body of data that the Park Authority will continue using for years. The total projected need for the ten-year period was \$939,161,000; that amount has been reduced by \$87,700,000 due to the approval of the 2016 Park Bond Referendum for a future need of \$851,461,000. The remaining needs of \$851,461,000 is broken out into three strategic areas in five-year increments.

- Critical, “Repairing what we have” makes the most of existing resources with the primary goal being for FCPA to maintain services. The plan addresses deferred maintenance at existing parks and facilities. The Critical funding need is \$98,892,000 over the next five years.
- Sustainable, “Upgrade Existing” looks at enhancing existing programs, beginning new alternative programs, or making other strategic changes that would require additional operational or capital funding. The Sustainable need for years 1-5 is \$107,945,000, the need for years 6-10 is \$172,350,000, for a total of \$280,295,000.
- Visionary, “New, Significant Upgrades” includes new and expanded facilities to fully meet needs desired by the community and ensure that the Park Authority remains a preferred provider of park and recreation amenities. The Visionary need is \$472,274,000 over the 10-year period, and if funding is made available in 1-5 years staff would accelerate visionary elements that include expansion and renovation of existing recreation centers and development of new athletic facilities.

The Park Authority’s RECenter system is now entering a new era due to the aging of existing facilities that require lifecycle redevelopment along with potential expansion to continue to meet the needs of the community and remain fiscally sustainable as an enterprise funded activity. The Park Authority recently completed a System-wide Sustainability Plan for RECenters that identifies strategies to maximize operational effectiveness, improve community responsiveness, and ultimately ensure the long-term financial sustainability of the RECenter system through a series of capital improvements. As part of the strategic recommendations each RECenter was assigned one of six “thematic” decisions. These recommendations outline a course of action for capital improvements at each RECenter to maximize the sustainability of the overall system. For instance, if the thematic recommendation is “expand” for a RECenter, then a series of improvements that are termed as “critical,” “core,” or “added value” that facilitate that theme are included in the strategic recommendations. The plan also identifies the potential for development of a new RECenter in the Reston area and a potential countywide sports complex. The plan recommends a three-phased implementation approach for funding the proposed capital improvements starting with improvements identified as critical first, followed by core improvements and then improvements identified as added value in the last phase. The total budget for all improvements estimated in 2017 dollars including all hard costs and soft costs is \$195,800,000. With escalation included for a five-year period based on starting the improvements in 2020 the estimated total project budget increases to \$232,500,000.

The Park Authority is currently revising the Master Plan for Lake Accotink Park. As part of the master planning process the Park Authority initiated a lake sustainability study for Lake Accotink. The preliminary results of the study indicate that by 2025 the lake will have silted in unless remedial actions such as dredging of the lake occurs. As part of the public input process members of the community have indicated a desire to see the lake continue to operate as a recreational water feature in the future. The Park Authority is currently studying dredging options including the potential to construct a forebay to extend future dredging cycles. The order of magnitude estimate for dredging and construction of the forebay is \$50 million.

The Great Parks, Great Communities, Plan is a comprehensive long-range park system land use plan adopted in 2011 that examines needs within 14 planning districts. This plan uses data from the 2004 Needs Assessment and serves as a decision-making guide for future park land use, service delivery and resource protection to better address changing needs and growth forecasts through 2020. The Park Authority completed a new Needs Assessment in 2016 and is developing a new agency-wide park system master plan in 2017 that addresses not only land use and resource stewardship but programming and operations as well.

Based on continual facility condition assessments, growing and shifting community needs and expectations, an ever-increasing amount of funding will be needed for capital maintenance of aging park assets in order to maximize the life of the existing facilities and to develop new facilities.

In addition, to fund additional facilities and land acquisition, funding will be necessary to operate, support, sustain and protect future years of county investment in existing facilities. As the county's largest landowner, the Park Authority's stewardship responsibility is documented in its Natural Resource Management Plan (NRMP) and Cultural Resource Management Plan (CRMP). These plans identify issues, strategies and projects to protect County parkland and valuable natural and cultural resources. This effort meets the County's Vision of Practicing Environmental Stewardship and is supported in the Board of Supervisors' Environmental Agenda. In addition, the Park Authority is charged with stewardship of all County cultural resources. These plans contain critical strategies for preventing the degradation of resources that cannot be reclaimed once lost.

The Park Authority also recently automated its asset tracking and maintenance scheduling system that relates to a Park Facility Condition Assessment and Lifecycle Replacement Schedule. This system is utilized to efficiently manage facility repairs and develop long-range facility life cycle plans, as well as aid in the forecasting of future capital renovations.

On June 27, 2018, the Park Authority Board approved the FY 2019 – FY 2023 Strategic Plan, the plan serves as a road map that will take the Park Authority into the future. The strategic plan includes 12 objectives that are measurable and results-focused, and are supported by specific, achievable, and time-bound action steps for implementation. The 12 Strategic Objectives are:

- Increase the Park Authority's land holdings based on a proactive and informed decision-making strategy
- Balance natural resources, cultural resources, recreational needs and equity in planning and developing a sustainable park system
- Position the Park Authority as the model organization for increasing physical activity and wellness in Fairfax County
- Increase walkable access (1/4-mile or 5-minute-walk (urban) and 1/2-mile or 10-minute walk (countywide)) by County residents to park or facility entrances, or trailheads to connect people to nature and recreational experiences
- Implement an asset management program to guide reinvestment, maintenance, and upgrades to infrastructure and capital equipment
- Develop an IT structure that coordinates data management, analysis, technology and business needs to support the operations and goals of the Park Authority and enables sound decision making and transparency
- Provide training and leadership development for employees at all levels to ensure a high-performing organization
- Reinforce and sustain a culture of accountability to advance the mission and vision
- Develop and implement an advocacy strategy to increase dedicated funding and resources from the County
- Collaborate with the Park Foundation to increase annual donations and provide greater support to the Park Authority
- Develop and adopt a comprehensive and cross-divisional approach to business planning to improve financial performance
- Establish a sponsorship program to secure, sustain and continually increase alternative funding available for agency priorities

## CURRENT PROJECT DESCRIPTIONS

### General Fund Projects

1. **ADA Compliance-Parks** (Countywide): This is a continuing project to address Americans with Disabilities Act (ADA) Compliance measures throughout County parks. On January 28, 2011, the Board of Supervisors signed a Settlement Agreement and committed to remediation of the DOJ identified ADA improvements as well as the required self-assessments at the remaining unaudited facilities. Remediation of the DOJ identified violations was required by July 2018 and this work is complete. Remediation of the violations identified in the self-assessments had no specific deadline, and the Park Authority continues to complete remediation work at several facilities. Effective August 6, 2018, Fairfax County was released from the ADA Settlement Agreement with the DOJ. Funding for annual ADA projects to support the continuation of improvements is required, as buildings and site conditions age. It should be noted that mitigation of violations associated with FMD facilities is detailed in the Infrastructure Replacement and Upgrades section of this document. Funding in the amount of \$300,000 has been included in FY 2020 for this project.
2. **Capital Sinking Fund for Parks** (Countywide): \$7,679,777 has been allocated to date for the capital sinking fund for parks. The Capital Sinking Reserve Fund was established as a direct result of the Infrastructure Financing Committee (IFC). The Board of Supervisors has approved the allocation of the Sinking Fund balances identified as part of each Carryover Review, based on the following percentage allocation: 55 percent for FMD, 20 percent for Parks, 10 percent for walkways, 10 percent for County maintained Roads and Service Drives, and 5 percent for revitalization. To date, the Park Authority has initiated projects to begin to address the backlog of reinvestment requirements including: trail, bridge and tennis court repairs throughout the County, parking lot and roadway repairs at Burke Lake Park, Lake Accotink Park, and at Annandale Community courts and fields, and many other capital improvements such as repairs to the Nottoway fit stations and the Martin Luther King pool. In addition to General Fund support, an amount of \$380,732 has been received in revenue to support sinking fund projects, therefore, the total funding approved for the sinking fund project is \$8,060,509.
3. **Parks - Building/Structures Reinvestment** (Countywide): This is a continuing project to address Park Authority infrastructure replacement and upgrades at non-revenue producing parks, including roof, plumbing, electrical, lighting, security/fire systems, sprinklers and HVAC replacement. In addition, this project funds structural preservation of park historic sites. The facilities maintained include, but are not limited to rental properties, historic properties, nature centers, maintenance facilities, sheds, shelters and office buildings. Park priorities are based on the assessment of current repair needs including safety and health issues, facility protection, facility renewal and improved services. This program also provides for the stabilization of newly acquired structures and emergency repairs as needed at these facilities. In FY 2020, an amount of \$925,000 is included for building/structures reinvestment, including: various roof replacements and/or repairs to outdoor public restrooms and picnic shelters (\$200,000); replacement of Fire and Security systems at historic sites, nature centers, and maintenance facilities including the addition of freeze and water monitoring sensors to several historic sites (\$125,000); replacement of windows, doors, and siding at picnic shelters, outdoor restrooms, and historic sites (\$150,000); replacement of HVAC equipment at Nature Centers, Visitor Centers, and Maintenance Shops (\$250,000) and the stabilization, structural or building asset repairs at properties conferred to the Park Authority (\$200,000).



*The Historic Huntley House*



4. **Parks - Grounds Maintenance** (Countywide): This is a continuing project to provide for routine mowing and other grounds maintenance, as well as arboreal services. Arboreal services are provided in response to Park staff and citizens' requests and include pruning, removal and inspections of tree health within the parks. There has been a rise in staff responses to requests for the inspection and removal of hazardous or fallen trees within the parks and those that may pose a threat to private properties. In FY 2020, an amount of \$476,000 is provided to fund annual requirements for grounds maintenance at non-revenue supported parks.
5. **Parks - Infrastructure/Amenities Upgrades** (Countywide): This is a continuing project to provide improvements and repairs to park facilities and amenities including tennis courts, picnic shelters, bridges and parking lots. In addition, funding provides for annual maintenance and storm related repairs to 327 miles of trails. In FY 2020 an amount of \$815,000 is included for trail maintenance, infrastructure and amenities upgrades.
6. **Parks - Preventative Maintenance and Inspections** (Countywide): This is a continuing project to address routine repairs in non-revenue producing Park Authority buildings, structures and equipment. This maintenance includes the scheduled inspection and operational maintenance of HVAC, plumbing, electrical, security and fire alarm systems. Funding is critical in order to prevent the costly deterioration of facilities due to lack of preventative maintenance. Equipment maintenance includes routine and preventative maintenance on operating equipment such as mowers, tractors, utility vehicles and heavy construction equipment. In FY 2020, an amount of \$484,000 is included for preventive maintenance and inspections for over 551,091 square feet at non-revenue supported Park Authority structures and buildings.
7. **Sportsplex Study** (Countywide): \$300,000 has been approved to support a comprehensive analysis and feasibility study associated with a County Sportsplex Facility. The Sportsplex study will include the potential for both indoor and outdoor sports facilities at multiple locations within the County. The feasibility study will be conducted working with the Sports Tourism Task Force. The tasks which will be performed as part of the study include: strategic objectives analysis, market analysis, national and regional benchmarking, facility programming and site selection recommendations, and the development of an Organizational Plan, Operations Plan, and Financial Plan, including, economic impact models.

#### **General Obligation Bonds and Other Financed Projects**

8. **Community Parks/New Facilities - 2012** (Countywide): \$7,285,000 has been approved for planning, design and construction of new parks or park facilities to implement approved master plans, meet community needs, or provide additional functionality. Projects include: development of Phase 1 of the park planned improvements per the master plan at Monticello Park, building the internal trail network and shelter at the John C. and Margaret K. White Gardens, providing Signage and Branding to develop a branding approach to identify Park Authority facilities, and improvements to continue the phased development of the Park at Laurel Hill.
9. **Events Center - 2016** (Mt Vernon District): \$10,000,000 has been approved to support the renovations for an Events Center at the Workhouse Arts Center. The Workhouse campus is a 56-acre, historically important County landmark, situated on the site of the former Lorton prison. Originally constructed in the early 1900's, the former workhouse and reformatory is on the National Park Service's Register of Historic Places, and included the imprisonment of early suffragettes. A planned Event Center is a key element of the educational, visual and performing arts campus run by the Workhouse Arts Foundation (WAF). Funding for this project is supported by the General Fund in the amount of \$3,000,000 and by the 2016 Park Bond referendum in the amount of \$7,000,000.
10. **Existing Facility Renovations - 2012** (Countywide): \$37,284,868 has been approved to improve existing park facilities to maintain designed capacity or retrofit obsolete facilities and bring them up to contemporary standards and codes. Projects include renovation and upgrading infrastructure and other amenities at Lake Accotink, countywide playground equipment upgrades, and countywide trails.



11. **Lake Accotink Dredging** (Braddock District): \$50,000,000 is estimated to support the dredging of Lake Accotink. The Park Authority is currently revising the Master Plan for Lake Accotink Park and as part of the master planning process, initiated a lake sustainability study for Lake Accotink. The preliminary results of the study indicate that by 2025 the lake will have silted in, unless remedial actions such as dredging occur. As part of the public input process members of the community have indicated a desire to see the lake continue to operate as a recreational water feature in the future. The Park Authority is currently studying dredging options including the potential to construct a forebay to extend future dredging cycles. The order of magnitude estimate for dredging and construction of the forebay is \$50 million. It is anticipated that EDA bonds or another source of financing will finance the project.
12. **Land Acquisition and Open Space – 2016** (Countywide): \$7,000,000 has been approved for acquisition of parkland and/or parkland rights and preservation of open space including easements, that are obtained through a variety of methods including fee simple purchase of real property, acquisition of trail easements and other types of easements, cost related to acceptance of dedications and donated properties, and structure demolition cost.
13. **Land Acquisition and Park Development – 2020** (Countywide): \$100,000,000 would fund deferred projects and adequately fund long-term projects identified in the Park Authority 10-Year Capital Plan. Projects will include land acquisition to ensure adequate parkland for future generations, new park facilities, and continued renovation and replacement of aging and well-used facilities. Increasingly, citizens recognize that parks contribute highly to their quality of life in Fairfax County. Shifting and expanding leisure interests increase the demand for parks and park facilities. In addition to land acquisition and park development projects, the Park Authority adopted Natural Resource and Cultural Resource Management Plans that identify initiatives needed to provide essential stewardship efforts of environmental resources on parkland and cultural resources throughout the county.
14. **Land Acquisition and Stewardship - 2012** (Countywide): \$12,915,000 has been approved for acquisition of parkland and/or parkland rights, including easements. Stewardship includes projects that support the approved Natural and Cultural Resource Management Plans and/or county's environmental or cultural resource initiatives, Hidden Pond Nature Center for shelter and parking, and the Sully Woodlands Environmental Education Center. Additional projects include land acquisition, energy management, and Natural and Cultural Resources.
15. **Natural and Cultural Resource Stewardship – 2016** (Countywide): \$7,692,000 has been approved for planning, design and/or construction of capital projects which carry out the Park Authority's stewardship mission, support the approved Natural and Cultural Resource Management Plans and/or County's environmental or cultural resource initiatives. Projects include repairs and restoration to Colvin Run Mill Miller's House and Millrace, funding to support Historic Structures Curator Program, a History and Archaeology Collections Facility to properly curate and store history, and Sully Historic Site restoration projects.
16. **New Park Development – 2016** (Countywide): \$19,820,000 has been approved for construction of new park facilities where none existed before to meet new demand or to provide additional functionality or enhance planned capacity to an existing facility or space. Projects include developing a local park in Baileys, an area of park service level deficiency, picnic shelters at Lee District Family Recreation Area, new Baseball Diamond Complex to support countywide use/tournaments, and Park Development at Laurel Hill Park.
17. **Park and Building Renovations - 2008** (Countywide): \$30,711,192 has been approved for replacement of aging roofs, HVAC, and pool systems for RECenters built in the 1980s and 1990s. These RECenters include Spring Hill, Lee District, Oak Marr, and Providence. An engineering study to assess renewal requirements for Mount Vernon RECenter and Ice Rink which opened in 1981 is complete. Recent improvements include: replacement of the 41-year-old train track at Burke Lake Park, parking and entrance improvements at Spring Hill, irrigation system at Jefferson Golf Course, and renovation at Ossian Hall Park and Kings Park. These improvements will renew these facilities and extend their service life.

18. **Park Development - 2008** (Countywide): \$18,832,103 has been approved to develop new park facilities and infrastructure. This includes funding for the conversion of four natural-turf rectangular fields to synthetic turf and upgrading the lighting systems on eight fields. Funding is also included to continue the planning, design and site preparation of a countywide Sportsplex at Laurel Hill Park. Another goal is to add 75 miles of trails and trail connections that will increase citizen access to this highly used resource. Additional development includes the construction of the new concrete “streetscape” style urban skate park and bowl at Lake Fairfax and the expansion of the skate park at Wakefield. Future projects include the clubhouse replacement and driving range expansion at Burke Lake Golf Course and a small roll-top observatory at Observatory Park in Great Falls.
19. **Park Improvement Fund** (Countywide): The Park Improvement Fund was established under the provisions of the Park Authority Act for improvements to the agency’s revenue-generating facilities and parks, as well as to various park sites. Through a combination of grants, proffers, easement fees, telecommunications leases, transfers from the Revenue and Operating Fund, and donations, this fund provides for park improvements. These funds are managed by projects that the Park Authority Board approves. Project funding is appropriated at the fiscal year-end, consistent with the level of revenue received during that fiscal year. The current Revised Budget for this Fund is \$19,328,164.
20. **Park Renovations and Upgrades – 2016** (Countywide): \$53,266,663 has been approved to fund repair and replacement/improvements to existing park facilities to maintain designed capacity or retrofit obsolete facilities and bring them up to contemporary standards and codes. Renovations can extend the design life of facilities and can include infrastructure additions and modifications. Projects include critical system-wide renovation and lifecycle needs such as playground replacements, lighting and irrigation systems, picnic shelters, roof replacements, parking, roads, entrances, RECenters – System-wide lifecycle replacements, the Mount Vernon RECenter renewal/replacement, Area 1 Maintenance Facility Replacement, and Energy Management Enhancements.
21. **Stewardship - 2008** (Countywide): \$11,541,881 has been approved for projects that promote the protection, enhancement, interpretation and education of natural and cultural park resources. Projects include Phase II Huntley Meadows wetlands restoration and boardwalk replacement, Historic Huntley restoration to allow public accessibility, mandatory dam repairs, Colvin Run Mill Visitors Center design, concept design for the Stewardship Education Center, and other natural resource protection projects in Sully Woodlands and Laurel Hill. Cultural resource and archaeology projects are also included to protect various cultural resource sites associated with capital projects.

**PROJECT COST SUMMARIES  
FAIRFAX COUNTY PARK AUTHORITY  
(\$000's)**

Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY2020- FY2024	Total FY2025- FY2029	Total Project Estimate
1 ADA Compliance - Parks PR-000083	G	C	<b>\$300</b>	\$300	\$300	\$300	\$300	\$1,500	\$1,500	\$3,000
2 Capital Sinking Fund for Parks PR-000108	G, X	<b>\$8,061</b>						\$0		\$8,061
3 Parks - Building/Structures Reinvestment PR-000109	G	C	<b>\$925</b>	\$944	\$963	\$982	\$1,002	\$4,816	\$5,010	\$9,826
4 Parks - Grounds Maintenance 2G51-006-000	G	C	<b>\$476</b>	\$486	\$496	\$506	\$516	\$2,480	\$2,580	\$5,060
5 Parks - Infrastructure/Amenities Upgrades PR-000110	G	C	<b>\$815</b>	\$831	\$848	\$865	\$882	\$4,241	\$4,410	\$8,651
6 Parks - Prevent. Maint. and Inspections 2G51-007-000	G	C	<b>\$484</b>	\$494	\$504	\$514	\$524	\$2,520	\$4,192	\$6,712
7 Sportsplex Study 2G51-044-000	G	<b>\$300</b>						\$0		\$300
Total General Fund		<b>\$8,361</b>	<b>\$3,000</b>	\$3,055	\$3,111	\$3,167	\$3,224	\$15,557	\$17,692	\$41,610
8 Community Parks/New Facilities - 2012 PR-000009	B	<b>\$1,785</b>	<b>\$1,500</b>	<b>\$2,500</b>	<b>\$1,500</b>			\$5,500		\$7,285
9 Events Center - 2016 GF-000019	G, B	<b>\$130</b>	<b>\$500</b>	<b>\$1,500</b>	<b>\$5,500</b>	<b>\$1,800</b>	<b>\$570</b>	\$9,870		\$10,000
10 Existing Facility Renovations - 2012 PR-000091	B	<b>\$27,600</b>	<b>\$4,000</b>	<b>\$3,250</b>	<b>\$1,676</b>	<b>\$759</b>		\$9,685		\$37,285
11 Lake Accotink Dredging TBD	X	<b>\$0</b>		\$50,000				\$50,000		\$50,000
12 Land Acquisition and Open Space - 2016 PR-000077	B	<b>\$4,900</b>	<b>\$1,000</b>	<b>\$1,000</b>	<b>\$100</b>			\$2,100		\$7,000
13 Land Acquisition/Park Development - 2020 TBD	B	<b>\$0</b>			<b>\$2,000</b>	<b>\$5,000</b>	<b>\$8,000</b>	\$15,000	\$85,000	\$100,000
14 Land Acquisition and Stewardship - 2012 PR-000093	B	<b>\$6,800</b>	<b>\$2,795</b>	<b>\$2,000</b>	<b>\$1,000</b>	<b>\$320</b>		\$6,115		\$12,915
15 Natural/Cultural Resource Stewdship. - 2016 PR-000076	B	<b>\$450</b>	<b>\$1,250</b>	<b>\$1,250</b>	<b>\$1,250</b>	<b>\$1,250</b>	<b>\$1,250</b>	\$6,250	<b>\$992</b>	\$7,692
16 New Park Development - 2016 PR-000079	B	<b>\$1,134</b>	<b>\$2,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$4,000</b>	<b>\$3,500</b>	\$17,500	<b>\$1,186</b>	\$19,820

**PROJECT COST SUMMARIES  
FAIRFAX COUNTY PARK AUTHORITY  
(\$000's)**

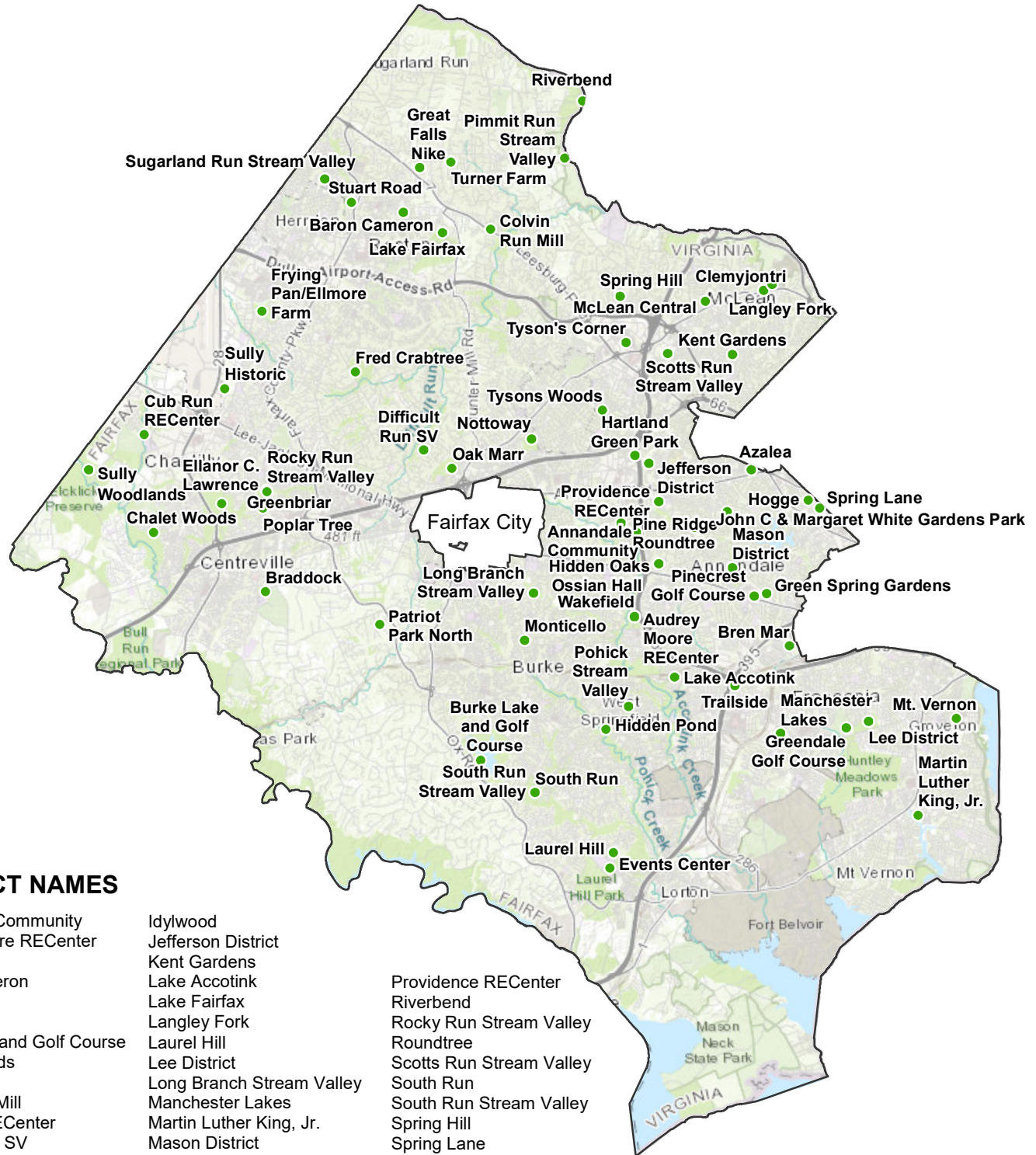
Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY2020- FY2024	Total FY2025- FY2029	Total Project Estimate
17 Park and Building Renovations - 2008 PR-000005	B	<b>\$27,825</b>	<b>\$2,300</b>	<b>\$586</b>				\$2,886		\$30,711
18 Park Development -2008 PR-000016	B	<b>\$17,100</b>	<b>\$1,732</b>					\$1,732		\$18,832
19 Park Improvement Fund 800-C80300	X	<b>\$19,328</b>						\$0		\$19,328
20 Park Renovations and Upgrades - 2016 PR-000078	B	<b>\$7,500</b>	<b>\$5,500</b>	<b>\$6,000</b>	<b>\$8,000</b>	<b>\$10,000</b>	<b>\$12,000</b>	\$41,500	<b>\$4,267</b>	\$53,267
21 Stewardship - 2008 PR-000012	B	<b>\$10,542</b>	<b>\$750</b>	<b>\$250</b>				\$1,000		\$11,542
<b>Total</b>		\$133,455	\$26,327	\$75,391	\$28,137	\$26,296	\$28,544	\$184,695	\$109,137	\$427,287

Notes: Numbers in ***bold italics*** represent funded amounts. A "C" in the 'Budgeted or Expended' column denotes a continuing project.

Key: Source of Funds  
 B Bonds  
 G General Fund  
 S State  
 F Federal  
 X Other  
 U Undetermined

# FAIRFAX COUNTY PARK AUTHORITY

## PROJECT LOCATIONS



### PROJECT NAMES

Annandale Community	Idylwood	Providence RECenter
Audrey Moore RECenter	Jefferson District	Riverbend
Azalea	Kent Gardens	Rocky Run Stream Valley
Baron Cameron	Lake Accotink	Roundtree
Braddock	Lake Fairfax	Scotts Run Stream Valley
Bren Mar	Langley Fork	South Run
Burke Lake and Golf Course	Laurel Hill	South Run Stream Valley
Chalet Woods	Lee District	Spring Hill
Clemyjontri	Long Branch Stream Valley	Spring Lane
Colvin Run Mill	Manchester Lakes	Stuart Road
Cub Run RECenter	Martin Luther King, Jr.	Sugarland Run Stream Valley
Difficult Run SV	Mason District	Sully Historic
Events Center	McLean Central	Sully Woodlands
Ellanor C. Lawrence	Monticello	Trailside
Fred Crabtree	Mt. Vernon	Turner Farm
Frying Pan/Ellmore Farm	Nottoway	Tyson's Corner
Great Falls Nike	Oak Marr	Tysons Woods
Greenbriar	Ossian Hall	Wakefield
Greendale Golf Course	Patriot Park North	John C and Margaret White
Green Spring Gardens	Pimmit Run Stream Valley	Gardens Park
Hartland Green Park	Pinecrest Golf Course	
Hidden Oaks	Pine Ridge	
Hidden Pond	Pohick Stream Valley	
Hogge	Poplar Tree	

## Northern Virginia Regional Park Authority (NOVA Parks)

### PROGRAM DESCRIPTION

The Northern Virginia Regional Park Authority (NOVA Parks) was founded in 1959 under the Virginia Park Authorities Act. Currently there are six jurisdictional members: the counties of Arlington, Fairfax and Loudoun and the cities of Alexandria, Fairfax and Falls Church. NOVA Parks enhances the communities of Northern Virginia and enriches the lives of their citizens through the conservation of regional natural and cultural resources. It provides diverse regional recreational and educational opportunities, and fosters an understanding of the relationships between people and their environment. Regional parks supplement local facilities, and are distinguished from county and local parks in that they are designed to appeal to and serve the broad-based population of the entire Northern Virginia region, or may be of a size or scope that a single jurisdiction could not undertake alone. The Washington and Old Dominion (W&OD) Railroad Regional Park, which extends from Alexandria through Arlington, Falls Church, Fairfax and Loudoun, is just one example of many NOVA Parks facilities that have region-wide characteristics.

NOVA Parks now owns, leases, and holds easements on 12,884 acres of land, of which 8,557 acres are in Fairfax County. The Regional Park system serves a population of 1.9 million people. Parklands within the system include: Aldie Mill, Battle of Upperville/Goose Creek Bridge, Carlyle House, Mount Defiance, Mount Zion and Tinner Hill Historic Parks, Meadowlark Botanical Gardens, the W&OD Trail, Blue Ridge, Bull Run, Bull Run Marina, Fountainhead, Sandy Run, Springdale, Pohick Bay, Gilbert's Corner, Potomac Overlook, Upton Hill, Algonkian, Red Rock, Occoquan, Hemlock Overlook, Cameron Run, Gateway, Ball's Bluff Battlefield, Temple Hall Farm, White's Ford, and Brambleton Regional Parks, the Upper Potomac properties, the Rust Sanctuary and Webb Sanctuary.

In its conservation role, NOVA Parks is involved in implementing portions of the Environmental Quality Corridors concept, which defines an open space land system designated for long-term protection in the County. In this role, NOVA Parks places emphasis on acquisition of the shoreline properties along the Potomac, Bull Run and Occoquan Rivers, while the Fairfax County Park Authority (FCPA) concentrates on acquiring land along the County's interior stream valleys.

### LINK TO THE COMPREHENSIVE PLAN

Fairfax County's Comprehensive Plan has established a number of objectives and policies in order to:

- ✓ Plan, acquire, develop and maintain regional parks in conjunction with other public providers to provide a balance of quality recreation opportunities with the protection and preservation of natural and cultural resources.
- ✓ Endorse the efforts of the multi-jurisdictional Northern Virginia Regional Park Authority to carry out a long-range open space plan for Northern Virginia, through a cooperative system of regional parks, to supplement and enhance local park systems in Northern Virginia.

Source: 2017 Edition of the Fairfax County Comprehensive Plan, Policy Plan Element, Parks and Recreation Section, as amended through 3-4-2014.

## PROGRAM INITIATIVES

Since FY 2014, NOVA Parks has received \$24,760,144 in support from its regional membership jurisdictions, plus an additional \$25,070,071 in grants, donations and miscellaneous revenue, representing an actual program level of \$49,830,215. Accomplishments during recent years include: the construction of the Jean R. Packard Center at Occoquan Regional Park and replacement of the seawall; acquisition of a shoreline inholding at Pohick Bay Regional Park; acquisition of 150 acres for Springdale Regional Park and 147 acres to expand Brambleton Regional Park; acquisition of Mount Defiance Historic Park, Rust Sanctuary, Webb Sanctuary, Tinner Hill, Goose Creek Bridge and additional land at Gilbert's Corner and Ball's Bluff; development of Tinner Hill Historic Site; Meadowlark Botanical Gardens trail connection to the W&OD Trail and park entrance renovations; improvements to rowing facilities at Sandy Run and Bull Run Marina; upgrades to the campgrounds and water park at Bull Run Regional Park; the addition of camping cabins at Pohick Bay Regional Park and improvements to the Bull Run Festival of Lights; renovation and expansion of the mountain bike trails and building improvements at Fountainhead Regional Park; trail improvements on the Washington & Old Dominion Railroad Regional Park; construction of a new shelter at Hemlock Overlook Regional Park; a new trail underpass at Pickett Road linking Accotink Trail with the City of Fairfax trail system; and on-going renovations and upgrades to existing roads, parking and restroom facilities.

A portion of the capital improvement program includes the repair and renovation of existing and aging facilities, such as roof replacements, road repairs, replacement of mechanical systems and similar work to preserve and repair existing facilities. Additional elements of the CIP include land acquisition, Americans with Disabilities Act and energy improvements, expansion of existing facilities and new features to meet the needs of the region.

Funds from Fairfax County to support NOVA Parks' capital improvement program have historically been supported by General Obligation Bonds. Fairfax County voters approved a bond program in the fall of 2016, which will fund Fairfax County's share of NOVA Parks' capital request for park acquisition and development for four years. NOVA Parks' Capital Fund revenues consist primarily of capital appropriations received from the six member jurisdictions. Fairfax County's contribution for FY 2020 is \$3.0 million. Funds for FY 2021 and beyond have not been formally allocated to specific projects and the following schedule lists only projects planned for FY 2020.

## CURRENT PROJECT DESCRIPTIONS

1. **ADA Improvements** (Region-wide): \$400,000 for accessibility improvements throughout the park system.
2. **Algonkian Regional Park** (Loudoun County): \$148,000 for golf course, and cottage improvements.
3. **Brambleton Regional Park** (Loudoun County): \$308,000 for Beaverdam Reservoir facilities design, permitting, and development.
4. **Bull Run Regional Park** (Fairfax County): \$585,000 for campground renovations, park road widening, and seasonal event facility improvements.
5. **Cameron Run Regional Park** (City of Alexandria): \$60,000 for waterpark renovations.
6. **Headquarters** (Fairfax County): \$80,000 for automated systems and building renovations.
7. **Hemlock Overlook Regional Park** (Fairfax County): \$65,000 for restroom and shower facility renovations.
8. **Land Acquisition** (Region-wide): \$400,000 for land and easement purchases.
9. **Meadowlark Botanical Gardens** (Fairfax County): \$100,000 for garden development and seasonal event facility improvements.



10. **Pohick Bay Regional Park** (Fairfax County): \$143,000 for miscellaneous golf course, waterpark and campground improvements.
11. **Project Support and Miscellaneous Improvements** (Region-wide): \$959,000 for new facilities, renovations, and energy enhancements. This category includes project management, development and capital maintenance not specifically assigned to a particular public use facility or park location.
12. **Roads and Parking** (Region-wide): \$300,000 for improving and renovating roadways and parking areas throughout the park system.
13. **Temple Hall Farm Regional Park** (Loudoun County): \$20,000 for seasonal event facility improvements.
14. **Upton Hill Regional Park** (Fairfax and Arlington Counties): \$60,000 for waterpark renovations.
15. **Vehicles and Equipment** (Region-wide): \$900,000 for vehicles and capital equipment at all parks, central maintenance and headquarters.
16. **W&OD Railroad Regional Park** (Fairfax, Arlington, Loudoun Counties, Cities of Fairfax and Falls Church): \$4,648,000 for construction of separate trails for pedestrians and bicyclists through Falls Church, and other trail enhancements.

**PROJECT COST SUMMARIES**  
**NORTHERN VIRGINIA REGIONAL PARK AUTHORITY**  
**(\$000's)**

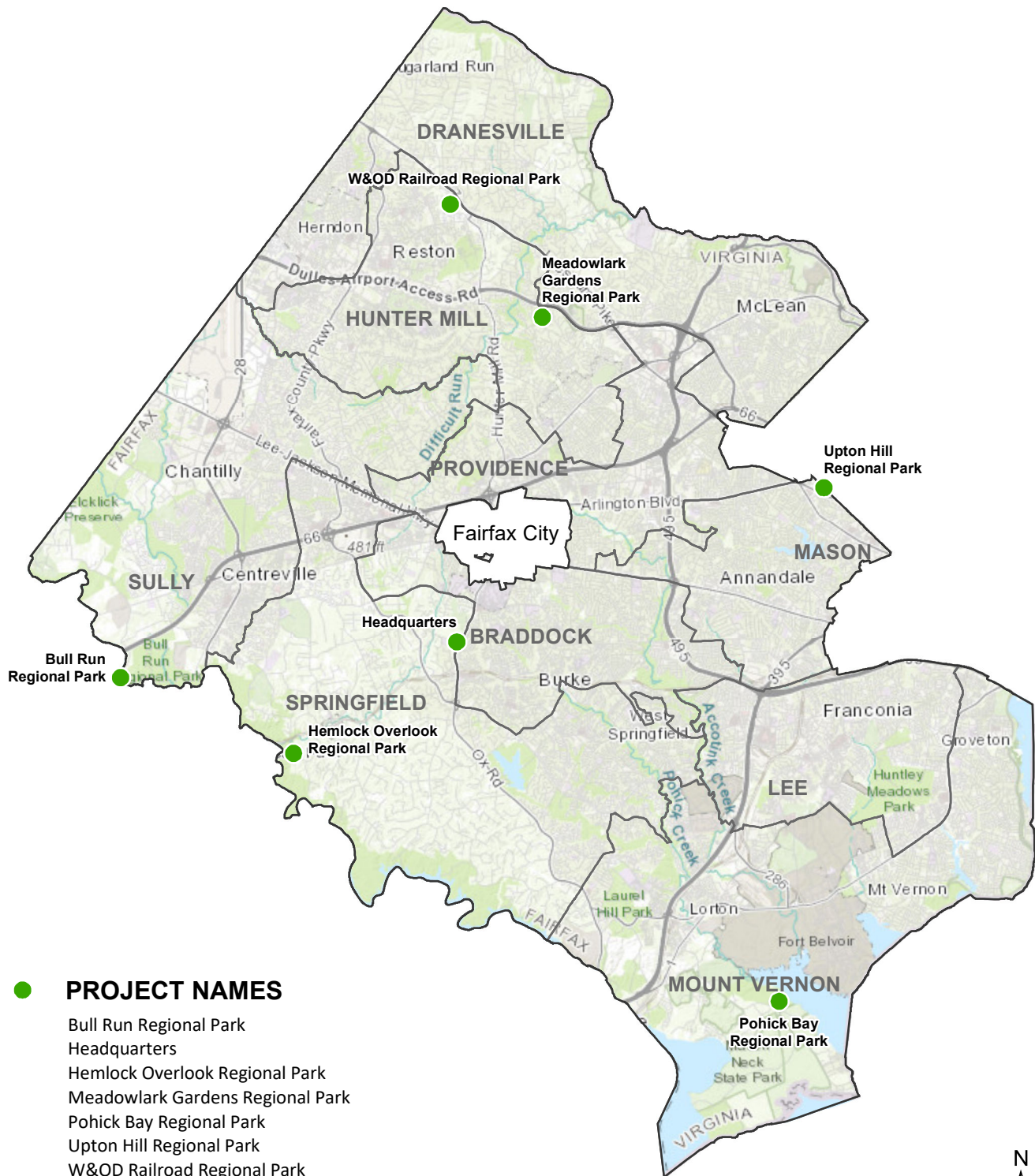
Project Title Project Number	Source of Funds	Budgeted or Expended Through FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY2020- FY2024	Total FY2025- FY2029	Total Project Estimate
1 ADA Improvements (Region-wide)	B	C	<b>\$400</b>					\$400		\$400
2 Algonkian Regional Park (Loudoun County)	B	C	<b>\$148</b>					\$148		\$148
3 Brambleton Regional Park (Loudoun County)	B	C	<b>\$308</b>					\$308		\$308
4 Bull Run Regional Park (Fairfax County)	B	C	<b>\$585</b>					\$585		\$585
5 Cameron Run Reg. Park (City of Alexandria)	B	C	<b>\$60</b>					\$60		\$60
6 Headquarters (Fairfax County)	B	C	<b>\$80</b>					\$80		\$80
7 Hemlock Overlook Reg. Park (Fairfax County)	B	C	<b>\$65</b>					\$65		\$65
8 Land Acquisition (Region-wide)	B	C	<b>\$400</b>					\$400		\$400
9 Meadowlark Bot. Gardens (Fairfax County)	B	C	<b>\$100</b>					\$100		\$100
10 Pohick Bay Reg. Park (Fairfax County)	B	C	<b>\$143</b>					\$143		\$143
11 Project Support & Misc Imprv (Region-wide)	B	C	<b>\$959</b>					\$959		\$959
12 Roads and Parking (Region-wide)	B	C	<b>\$300</b>					\$300		\$300
13 Temple Hall Farm Reg Park (Loudoun Co.)	B	C	<b>\$20</b>					\$20		\$20
14 Upton Hill Reg. Park (Fairfax and Arlington)	B	C	<b>\$60</b>					\$60		\$60
15 Vehicles and Equipment (Region-wide)	B	C	<b>\$900</b>					\$900		\$900
16 W&OD Railroad Regional Park (Region-wide)	B	C	<b>\$4,648</b>					\$4,648		\$4,648
<b>TOTAL PROJECT COST</b>			<b>\$8,776</b>	\$5,430	\$5,627	\$5,878	\$5,854	\$31,565		\$31,565
<b>TOTAL FAIRFAX COUNTY CONTRIBUTION</b>			<b>\$3,000</b>	\$3,040	\$3,095	\$3,151	\$3,246	\$15,532		\$15,532

Notes: Numbers in bold italics represent funded amounts. A "C" in the 'Budgeted or Expended' column denotes a continuing project.

Key: Source of Funds  
B Bonds  
G General Fund  
S State  
F Federal  
X Other  
U Undetermined

# NORTHERN VIRGINIA REGIONAL PARK AUTHORITY

## PROJECT LOCATIONS



Distance in Miles  
0 1 2 3 4