



FAIRFAX COUNTY PARK AUTHORITY



M E M O R A N D U M

TO: Chairman and Members
Park Authority Board

VIA: Kirk W. Kincannon, Executive Director

FROM: Todd Brown, Director
Park Operations Division

DATE: December 6, 2018

Agenda

Park Operations Committee
Wednesday, December 12, 2018 – 5:30 p.m.
Boardroom – Herrity Building
Chairman: Linwood Gorham
Vice Chair: Michael Thompson
Members: Kiel Stone, Timothy Hackman, Faisal Khan

1. Mount Vernon Trails - Mastenbrook Volunteer Matching Fund Grant Program Request – Mid-Atlantic Off Road Enthusiasts – Action*
2. Peterson Lane Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Girl Scout Troop 5386 – Action*
3. Belvedere Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Belvedere Elementary School – Action*
4. Nottoway Park - Mastenbrook Volunteer Matching Fund Grant Program Request – Vienna Little League – Action*

Note: All items are also going to the board on December 12, 2018.

*Enclosures



If accommodations and/or alternative formats are needed, please call (703) 324-8563. TTY (703) 803-3354

Board Agenda Item
December 12, 2018

ACTION

Mount Vernon District Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Mid-Atlantic Off Road Enthusiasts (Mount Vernon District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from Mid-Atlantic Off Road Enthusiasts in the amount of \$20,000 to develop trails in Mount Vernon District Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from Mid-Atlantic Off Road Enthusiasts in the amount of \$20,000 to develop trails in Mount Vernon District Park.

TIMING:

Board action is requested on December 12, 2018, in order to award the grant.

BACKGROUND:

At its meeting on September 26, 2018, the Fairfax County Park Authority Board approved changes to the Mount Vernon District Park Master Plan. The changes updated the trail nomenclature to bring the trail descriptors in line with planned trail use. In addition, the Park Authority, with help from local volunteers, recently mapped out a trail system that meets goals for sustainability, connectivity across the park, impact avoidance to natural and cultural resources in the park, and suitability for walkers, hikers and cyclists to enjoy the trails.

The Mid-Atlantic Off-Road Enthusiasts (MORE) has offered to clean up the unsustainable network of social trails in the park by removing and/or rerouting the eroding trails and designing and building approximately four miles of multi-use sustainable trails within Mount Vernon District Park, most of which will be natural surface (Attachment 1). The project will formalize social and rogue trails, and remove sections of informal trails that are unsafe and not sustainable. The trail system will include several hundred feet of dual slalom trails which allows all bikers of all abilities to ride side by side, and will benefit all users such as runners, dog walkers, bird watchers, bikers, and others. The newly developed trails will be built to International Mountain Bicycling Association (IMBA) Standards.

Board Agenda Item
December 12, 2018

MORE is requesting \$20,000 from the Mastenbrook Volunteer Matching Fund Grants Program to help fund the completion of the project (Attachment 2). If approved, the Grant of \$20,000, along with a \$59,950 contribution from MORE, will provide the funds sufficient to complete the project. The total project budget is \$79,950.

MORE is an organization with over 1,200 members dedicated to trail development and maintenance. They are currently operating and assisting with maintenance on a great many trail systems in the national capital region, including trails at Wakefield Park, Laurel Hill Park, Lake Accotink Park and Lake Fairfax Park.

The Park Authority Board Member for the Mount Vernon District supports approval of the Grant request. Staff from the Park Operations and Planning and Development Divisions will manage the project, which is scheduled for completion by the spring of 2019. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$79,950. Funds are currently available in the amount of \$20,000 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$59,950 from MORE, resulting in the total available funding of \$79,950. Operational expenses will be managed by MORE and by using existing resources.

Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$165,636.93.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Mount Vernon District Park
Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request – Mid-Atlantic Off Road Enthusiasts

STAFF:

Kirk W. Kincannon, Executive Director
Sara Baldwin, Deputy Director/COO
Aimee L. Vosper, Deputy Director/CBD
Todd Brown, Director, Park Operations Division
Dave Bowden, Director, Planning and Development Division
Cindy Walsh, Director, Park Services Division
Dan Sutherland, Manager, Park Management Branch, Park Operations Division
Janet Burns, Senior Fiscal Manager
Michael P. Baird, Manager, Capital and Fiscal Services



Mount Vernon District
Park

Project Area





Mastenbrook Volunteer Matching Fund Grants Program Application Form

PLEASE PRINT. Please provide all information requested. You may attach additional sheets and/or materials to support your request.

1. Grantee Information

Name of Individual or Organization: MORE

Contact Person: Ernest Rodriguez

Mailing Address: PO Box 2662, Fairfax VA 22031

Phone: (202) 304-8675

Fax: ()

2. Project

Title: Mount Vernon Natural Surface Trails

3. Funding Requested

Amount \$ 20,000

(Applicant may request more than one project per fiscal year, the combined total not to exceed \$20,000.)

4. Project Description

Provide a description of your project. (Attach drawings or specification of *materials*/proposed for purchase. If *educational materials* are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock up of your project and what the finished product will look like.) Provide as much detail as you can to help evaluators clearly understand your project.

The proposed multi-use trail system will be located in the 95 acre wooded area behind the Mount Vernon Recreation Center. There will be an approximately 4 mile long multi-use trail as well as an 800-1,000 foot set of dual slalom jump lines to replace trails removed for safety by Fairfax County. This project will formalize social and rogue trails in partnership with Fairfax County Park Authority. A current set of "spaghetti" trails will be re-routed for safety, sustainability and formal acceptance by FFCPA.

5. Public Benefits

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

Rehabilitation of social trails at Mount Vernon Park is important because of safety and sustainability issues. Jump line trails have been removed, however dangerous erosion issues exist. Intended users are school children who use the park to shorten their walk to school, youth and adults in the community who ride mountain bikes in the park and daily runners and dog walkers. Public benefit will result from safe sustainable trails within Mount Vernon park. Community users include school kids, runners, hikers, dog walkers, bird watchers and mountain bikers currently in the park. The recreation center manager is interested in partnering with MORE to develop a kids mountain biking program/camp. This project will solve safety and sustainability issues which exist with current social trails in the park.

6. Sponsor Commitment

What experience do you or the organization have in accomplishing similar projects? Who will be responsible for organizing and assigning the work to insure successful project completion? You will need to document all project expenditures. What is your plan for documenting the work (photographs, video, written documentation, etc.)? What is your plan, if any, for long-term maintenance of your project after it is completed?

MORE is a responsible and capable partner for Fairfax County Park Authority. MORE volunteers currently maintain trails in the following parks; Meadowood, Laurel Hill, Fountainhead, Accotink, Wakefield, Colts Neck, Lake Fairfax Park, Fred Crabtree, River Bend and other parks throughout DC, MD and VA. MORE is experienced in organizing, leading and tracking volunteer and paid resources to complete trail projects. MORE completed Fountainhead Regional Park project trails in 2015 and is currently working to build a pump track at Lake Fairfax Park. MORE has paid for professional trail design, Erosion and Sedimentation planning and is experienced in project management and completion. Please visit the Fountainhead Project webpage at <http://fountainheadproject.org/> for a sample of MORE's work. MORE is willing,

7. Proposed Budget

You will need to provide a detailed and complete budget. Provide enough detail for evaluators to understand exactly what grant funds will be used for, how you arrived at the prices for services, labor, materials, equipment, etc., and the same level of detail about the amount and source of matching funds.

Description	Amount
Approximately 2.5 Miles trail	\$40,000
Approximately 900' bike specific flow trail	\$ 9,000
Rehabilitation of 2 main entrances and 2 secondary entrances to bike trails	\$12,950
Four boardwalk trails	\$15,000
Erosion and Sedimentation Control Plans	\$ 3,000
Total	\$79,950

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:

- We understand payment by the Park Authority will occur after we complete the project.
 We must have Park Authority grant funds prior to beginning the project.

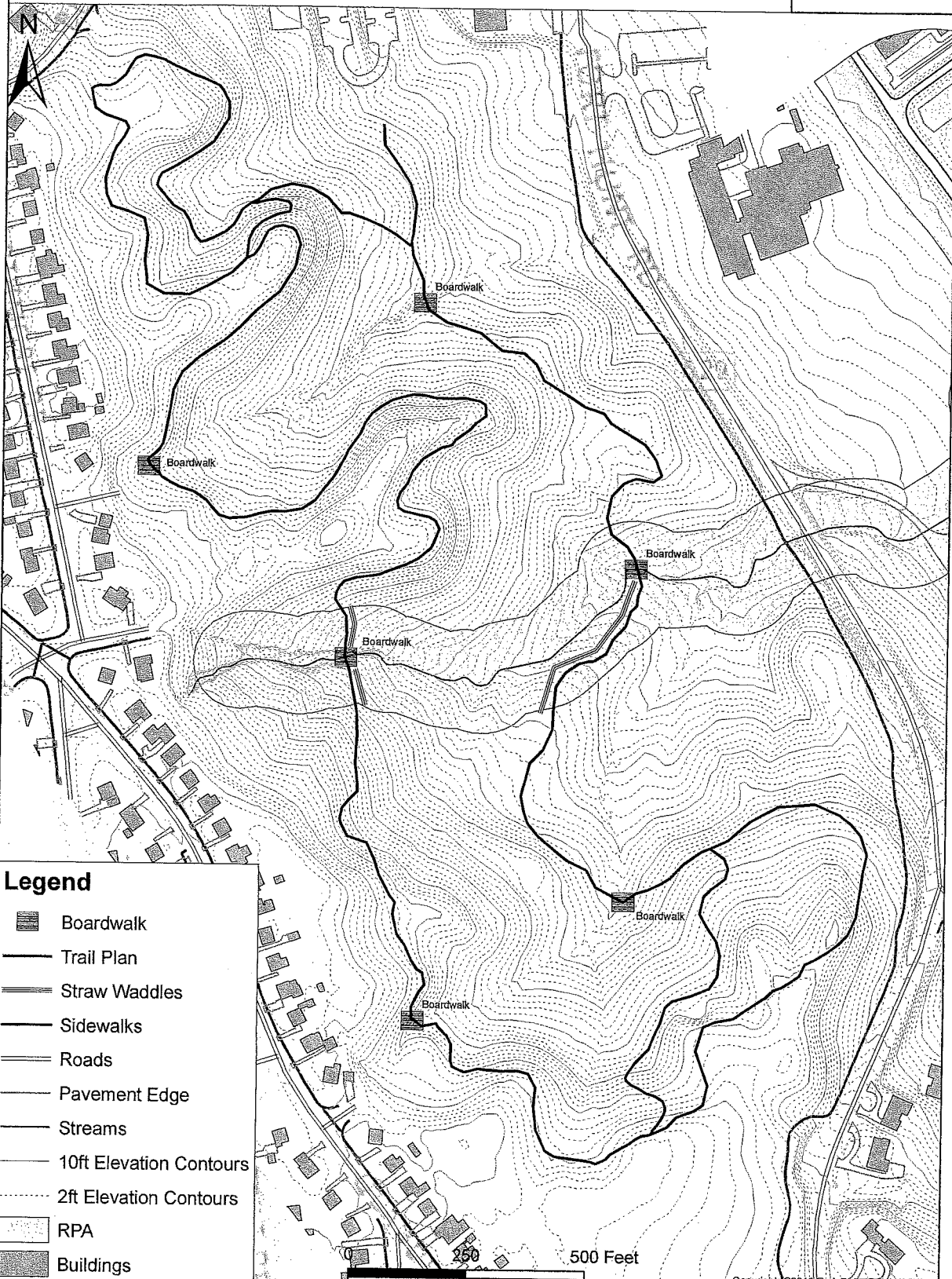
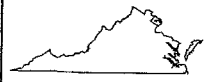


 Signature












Nov. 6, 2015

 Date

Mt. Vernon Regional Park Trail Plan



Legend

-  Boardwalk
-  Trail Plan
-  Straw Waddles
-  Sidewalks
-  Roads
-  Pavement Edge
-  Streams
-  10ft Elevation Contours
-  2ft Elevation Contours
-  RPA
-  Buildings

INDEX of Pages

1. Cover
2. Erosion Control Narrative
3. Erosion Control Figures
4. Work Area Maps
5. Trail Construction Details

**MT VERNON REGIONAL PARK
Sustainable Natural Surface Trail System
Work Area
Erosion and Sediment Control Plan**

Copyright: ©2013, Esri, DeLorme, NAVTEQ

July 23, 2014
Revision: 1.0

Data: Independent Maps LLC, ESRI, Fairfax County Park Authority

Board Agenda Item
December 12, 2018

ACTION

Peterson Lane Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Girl Scout Troop 5386 (Hunter Mill District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from Girl Scout Troop 5386 in the amount of \$3,022 to install a GaGa ball pit at Peterson Lane Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from Girl Scout Troop 5386 in the amount of \$3,022 to install a GaGa ball pit at Peterson Lane Park.

TIMING:

Board action is requested on December 12, 2018, in order to award the grant.

BACKGROUND:

Girl Scout Troop 5386 (GST) is requesting to purchase and install an ADA compliant GaGa ball pit at Peterson Lane Park (Attachment 1) in order to provide another amenity for kids to play on in the park. The GaGa ball pit will be eight sided with a diameter of thirty feet, with sides that are thirty inches high. GaGa ball is a form of dodge ball where players hit the ball with their hands, and players are out if they are hit by the ball below their knee or a batted ball is caught before it hits the ground. Peterson Lane Park is located in Vienna, and is jointly maintained by the Park Authority and Town of Vienna. The proposed GaGa ball pit has been approved by the Park Authority's ADA Coordinator and Safety Officer, in addition to Park Operations Division staff and the Town of Vienna. The Town of Vienna has agreed to provide ongoing maintenance of the gaga ball pit. The only other GaGa ball pit in parks is located at Burke Lake Park.

GST is requesting \$3,022 from the Mastenbrook Volunteer Matching Fund Grants Program to help fund the completion of the project (Attachment 2). If approved, the Grant of \$3,022, along with a \$1,552 contribution from GTS, \$1,145 worth of in-kind materials donations from various vendors, and \$5,990 worth of in-kind labor donations from various parties will provide the funds sufficient to complete the project. The total project budget is \$11,709.

Board Agenda Item
December 12, 2018

Girl Scout Troop 5386 is made up of students from and in the area of Flint Hill Elementary School.

The Park Authority Board Member for the Hunter Mill District supports approval of the Grant request. Staff from the Park Operations Division will manage the project, which is scheduled to be completed in the winter of 2018/19. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$11,709. Funds are currently available in the amount of \$3,022 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$1,552 from GST as well as \$7,135 from In-Kind Labor and Services from GST, resulting in the total available funding of \$11,709. Operational expenses will be managed by the Town of Vienna.

Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$162,614.93.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Peterson Lane Park

Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request – Girl Scout Troop 5386

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

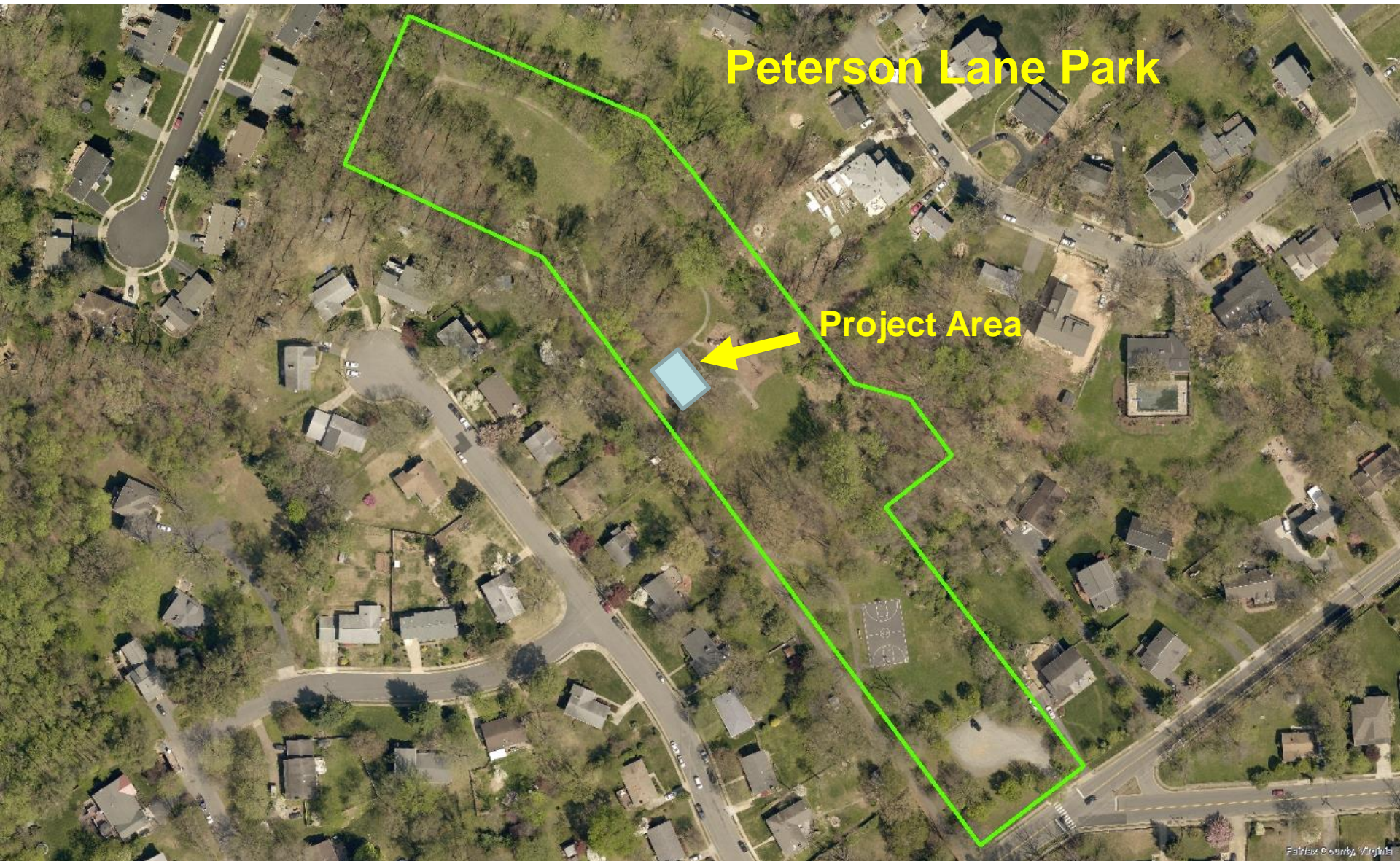
Aimee L. Vosper, Deputy Director/CBD

Todd Brown, Director, Park Operations Division

Dan Sutherland, Manager, Park Management Branch, Park Operations Division

Janet Burns, Senior Fiscal Manager

Michael P. Baird, Manager, Capital and Fiscal Services



Peterson Lane Park

Project Area



Mastenbrook Volunteer Matching Fund Grants Program Application Form

PLEASE PRINT. Please provide all information requested. You may attach additional sheets and/or materials to support your request.

1. Grantee Information

Name of Individual or Organization: Girl Scouts of the Nation's Capital, Troop 5386

Contact Person: Melissa LeTendre

Mailing Address: 2555 Pennington Place, Vienna, VA 22181

Phone: 571-221-7007

Fax: N/A

2. Project

Title: GS Troop 5386 Bronze Award Project, Bringing a Gaga Pit to Peterson Lane Park

3. Funding Requested

Amount \$ 3,025.00

(Applicant may request up to a maximum of \$20,000 per project. Limited to one Project per fiscal year.)

*Rec'd 7/31/18
via USPS*

4. Project Description

Provide a description of your project. (Attach drawings or specification of *materials*/proposed for purchase. If *educational materials* are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock up of your project and what the finished product will look like.) Provide as much detail as you can to help evaluators clearly understand your project.

Girl Scout Troop 5386 (rising 6th graders) is taking advantage of an abandoned rain garden at Peterson Lane Park in Vienna, VA and converting it to a Gaga Ball Pit. The park is jointly operated and maintained by Fairfax County Park Authority and the Town of Vienna. We have had multiple meetings and correspondence with Fairfax County Park Authority and with the Town of Vienna and have their authorization to install a gaga ball pit as specified in the attached drawings, descriptions and pictures.

5. Public Benefits

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

Peterson Lane Park is within walking distance to our school, Flint Hill Elementary, but we have noticed it has little draw for older elementary and middle school kids. Our goal is to encourage older kids to come to the park and play. There is playground equipment for young children and a basketball court for teens, but nothing geared toward children in the older elementary and middle school age groups. We believe the gaga ball pit will have a great impact on the Town of Vienna. It will be a reason for kids to go outside and play. In gaga ball you are always moving. It is great exercise and can improve kids' health. It will also influence kids to be inclusive and get to know other kids. Because gaga ball has rules, kids will have to learn rules and play fairly. They will learn to be good sports. There are no gaga ball pits in the Town of Vienna. We want to teach this game to the kids of Vienna and we hope this will bring kids from neighboring schools together. The great thing about gaga ball is kids of any size, age and athletic ability can play and have the same chance of winning. The model we have selected includes an ADA compliant doorway so anyone can play.

6. Sponsor Commitment

What experience do you or the organization have in accomplishing similar projects? Who will be responsible for organizing and assigning the work to insure successful project completion? You will need to document all project expenditures. What is your plan for documenting the work (photographs, video, written documentation, etc.)? What is your plan, if any, for long-term maintenance of your project after it is completed?

Although our troop has never built a gaga ball pit, the model we have selected is designed to be easily installed and the troop will be assisted by parents and the project will be managed by a licensed contractor. The conversion of the rain garden and preparation of the area will be done by a professional landscaper. The troop members have specific, assigned responsibilities for the project and will work together to ensure completion. Troop members will be responsible for photographing and videotaping the process and keeping track of actual costs versus budget with the assistance of a parent who is a former CPA. The Town of Vienna has agreed to provide on-going maintenance of the gaga ball pit once it is installed. We also have a contract with a professional landscaper to help with the maintenance for the next three years and is renewable thereafter on a yearly basis.

7. Proposed Budget

You will need to provide a detailed and complete budget. Provide enough detail for evaluators to understand exactly what grant funds will be used for, how you arrived at the prices for services, labor, materials, equipment, etc., and the same level of detail about the amount and source of matching funds.

Please see the attached budget. We are requesting \$2,325 to help pay for the materials and on-going maintenance, including future repair and replacement parts, of the gaga ball pit.

Material costs were provided by the named suppliers (Coach Cliff's Gaga Ball Pits and Sheets Lumber) and estimates received from other vendors.

Labor costs were provided by a licensed contractor (Oyster Builders) and landscaper (Sunrise Landscaping).

Reserve for future repair and replacement parts was calculated as 30% of material and labor.

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:



We understand payment by the Park Authority will occur after we complete the project.



We must have Park Authority grant funds prior to beginning the project.

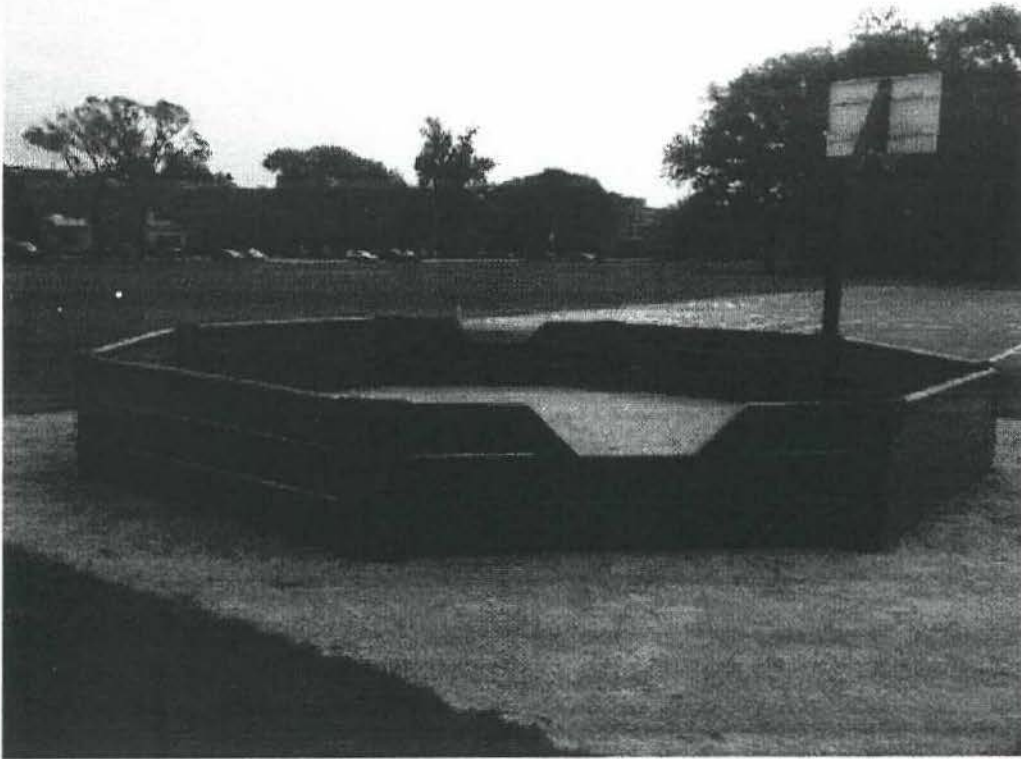
Catherine LeTendre

Signature

6/29/2018

Date

Melissa R. LeTendre



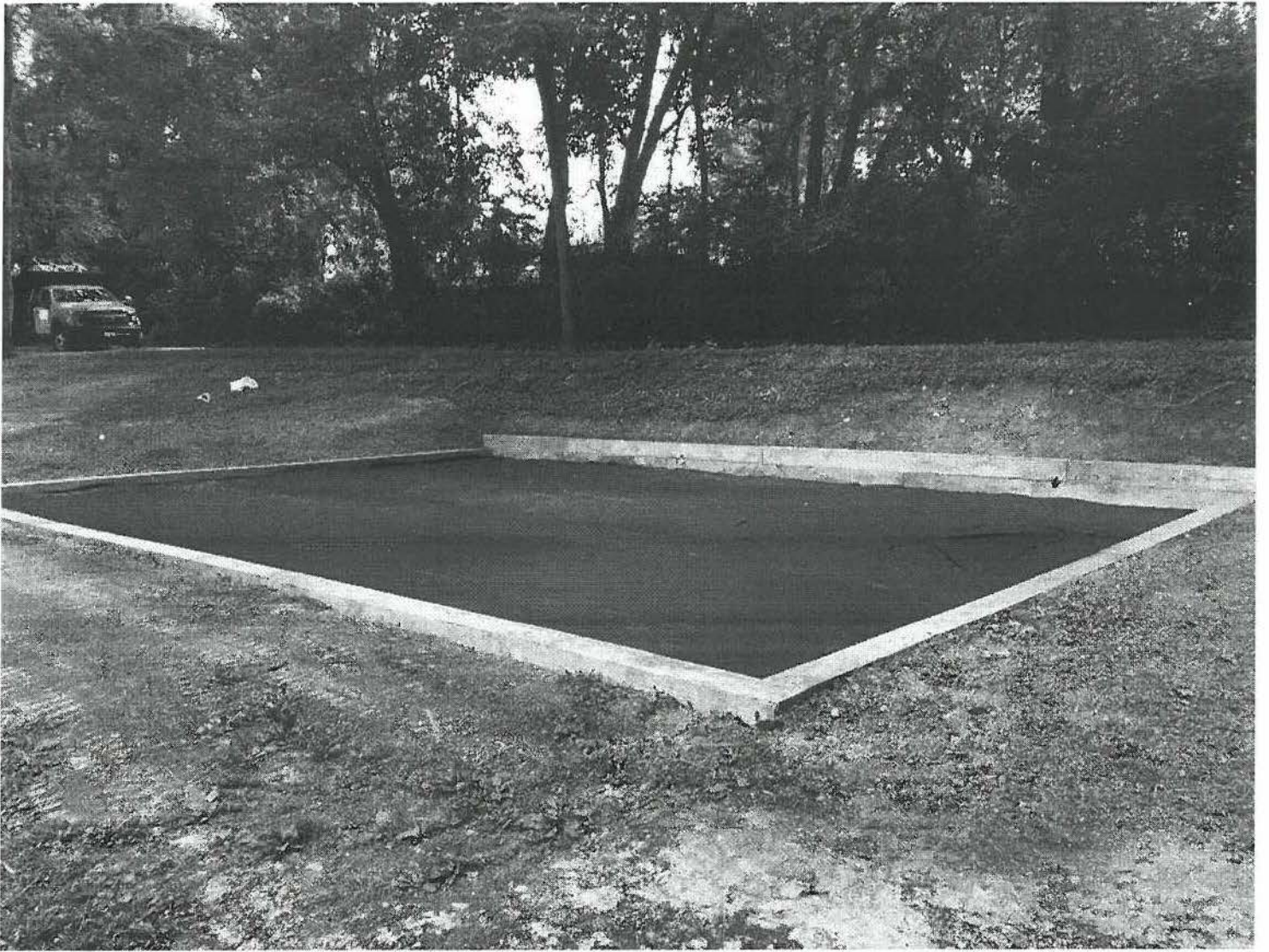
Example of installed
Gaga Ball Pit

PROJECT : 8' Octagonal Gaga Pit, 20 foot diameter
LOCATION: Peterson Lane Park, Malcolm Road NW, Vienna, VA
PREPARED BY: GSCNC Troop 5386

Specifications: Coach Cliff's 30H Model*, ADA accessible*

Materials: Structural Composite Lumber - Brown*
Corner Bracket System - Hunter Green*
ADA Doorway Kit - Hunter Green*
Door Jamb Ground Stakes*
Wall Top Covers - Hunter Green
4" Stone Dust Fill*
Gaga Balls
Laminated Instructions

* As specified by Fairfax County Park Authority



Abandoned rain garden at Peterson Lane Park, prepped and ready for installation!

Expenses

			Materials	In Kind Materials Contribution	In Kind Services Contribution
Sheetz Lumber	8 x 8 x 12 Timbers		\$ 858.00	\$ 533.00	
Sunrise Landscaping	Remove and replace timbers				\$ 3,480.00
	Spread stone dust				\$ 1,950.00
Town of Vienna	Stone dust			\$ 500.00	
GS	Assemble Gaga Pit				\$ 560.00
Gaga Pit	Materials to build gaga pit		\$ 3,716.00	\$ 112.00	

Sub-Total For Material Expenses	\$ 4,574.00		
Sub-Total for In Kind Materials and Labor (Services) Contributions		\$ 1,145.00	\$ 5,990.00
Total Project Value	\$ 11,709.00		

Funding

In Kind Materials Donations	\$ 1,145.00
In Kind Services Donation	\$ 5,990.00
Sub-Total of In Kind Labor (Services)	\$ 7,135.00
Optimst Club of Greater Vienna Grant	\$ 250.00
Girl Scout Troop Cash	\$ 1,302.00
Mastenbrook Grant	\$ 3,022.00
Sub-Total of Funding for Materials	\$ 4,574.00
Total Funding	\$ 11,709.00

Board Agenda Item
December 12, 2018

ACTION

Belvedere Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Belvedere Elementary School (Mason District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from Belvedere Elementary School in the amount of \$1,202 to purchase native trees and shrubs for planting in Belvedere Park.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from Belvedere Elementary School in the amount of \$1,202 to purchase native trees and shrubs for planting in Belvedere Park.

TIMING:

Board action is requested on December 12, 2018, in order to award the grant.

BACKGROUND:

Belvedere Elementary School (BES) proposes to plant and maintain native understory trees and shrubs in an area of the park facing Columbia Pike (Attachment 1). The actual planting will be done either by small groups of students working in teams with an adult or during a community work day, again with adults supervising students. The proposed list of native trees and shrubs has already been approved by staff in the Resource Management Division.

BES is requesting \$1,202 from the Mastenbrook Volunteer Matching Fund Grants Program to fund the purchase of the plants (Attachment 2). If approved, the Grant of \$1,202, along with \$1,629.54 worth of in-kind services, will provide the funds sufficient to complete the project. The total project budget is \$2,831.54.

BES has had a partnership agreement with the Park Authority since 2011. They have worked with the Park Authority to build and maintain a trail in the park, install and maintain native plantings, and remove invasive plants and litter. The school has been recognized by the Department of Game and Inland Fisheries as a *Virginia Naturally* school for demonstrating excellence in environmental education for the last six years.

Board Agenda Item
December 12, 2018

Park Authority staff will provide mulch for the plants and will work with the school's environmental educator to determine and mark where each plant will go. BES will provide gator bags for the trees and will make sure the student Garden Club waters the plants every week as needed during the school year. Over the summer, the environmental educator, school custodians, and families will take care of the plants.

The Park Authority Board Member for the Mason District supports approval of the Grant request. Staff from the Resource Management Division will manage the project, which is scheduled to be completed by the spring of 2019. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$2,831.54. Funds are currently available in the amount of \$1,202 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$1,629.54 from In-Kind Labor from BES; resulting in the total available funding of \$2,831.54. Operational expenses will be managed using existing resources.

Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$161,412.93.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Belvedere Park

Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request –
Belvedere Elementary School

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

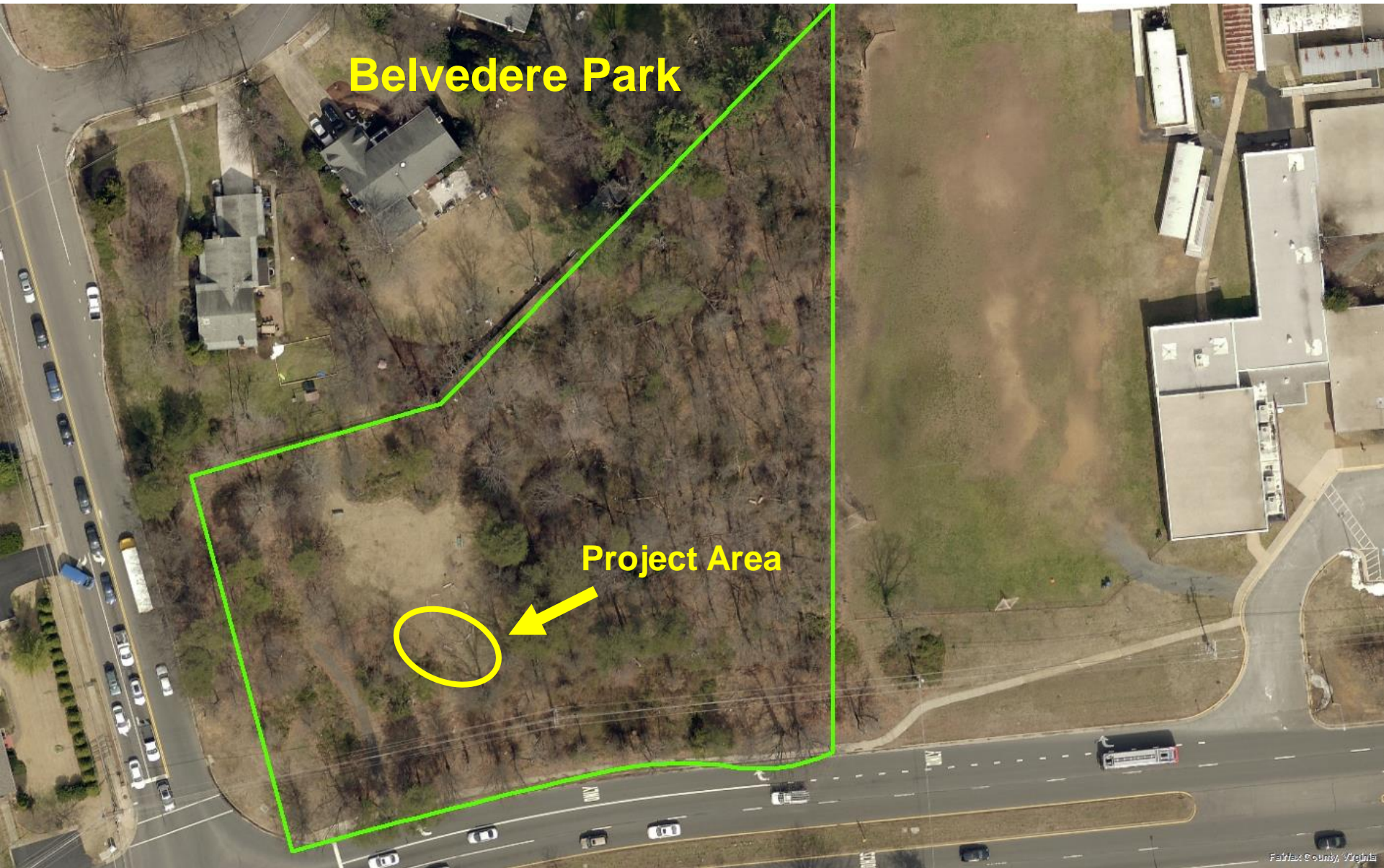
Todd Brown, Director, Park Operations Division

Barbara Nugent, Director, Resource Management Division

Dan Sutherland, Manager, Park Management Branch, Park Operations Division

Janet Burns, Senior Fiscal Manager

Michael P. Baird, Manager, Capital and Fiscal Services



Belvedere Park

Project Area

1. **Grantee Information**

Name of individual or organization: Belvedere Elementary School
Contact person: Stacey Evers *severs@fqs.edu*
Mailing address: 6540 Columbia Pike, Falls Church VA 22041
Phone: 703-916-6800 (school) or 703-346-8530 (Ms. Evers)
Fax: 703-916-6897

2. **Project** – Title: Belvedere Park native plant restoration

3. **Funding Requested** – \$1200

Applicant may request up to a maximum of \$20,000 per project. Limited to one project per fiscal year.

4. **Project Description:**

Provide a description of your project. (Attach drawings or specification of materials/proposed for purchase. If educational materials are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock-up of your project and what the finished product will look.)

We propose planting native trees and/or shrubs in Belvedere Park, a three-acre pocket park at the corner of Sleepy Hollow Road and Columbia Pike that is adjacent to the playing field and playground of Belvedere ES. In July, Belvedere environmental educator Stacey Evers met Park Manager Mark Plourde and county ecologist and IMA Program Coordinator Erin Stocksclaeder at the park to look at the site and determine the best location for planting. We focused on an area north of the VDOT easement along Columbia Pike, where trees in the easement were mortally wounded after being severely cut back. We'd plant native shrubs and understory trees outside of the easement so that they wouldn't be at risk of growing into the power lines. That area currently is turf, so planting would also reduce a small amount of mowing.

During the July meeting, we noted any actions that needed to be taken prior to planting. Those items were to remove a couple of downed trees, which has been done, and relocating a log circle farther from Columbia Pike and in a location that it would include one of two benches installed in the park (the more westernly situated bench). Students will do that in October or November.

The planting project is part of a school action project in which students will observe and record data about plants and litter in the park (the last class will actually collect the litter) and assess whether the habitat meets the basic needs of plants and animals. Students will also use a satellite photo of the park to map where they find litter, native plants, trees, invasives, water and any problems to be fixed on the trail. The actual planting will either be done by small groups of students working as planting teams with an adult or during a community work day. Either way, adults will be on-hand to help students.

Ms. Stocksclaeder has given us a list of approved native trees and shrubs. We propose focusing on arrowwood viburnum (purchased in 3-gallon pots), spicebush (purchased in 3-gallon pots) and American holly (purchased in 7-gallon pots). Spicebush and viburnum would provide a thick screen and are ideal for plant life, habitat, ecosystem and ethnobotany lessons. The hollies, to be planted between the easement and the shrubs, would provide a taller and evergreen screen.

The students could handle digging the holes needed for the viburnum and spicebush. Adults could pre-dig most of the hole for each holly, which would also serve as a physical and evergreen barrier to the VDOT easement and Columbia Pike.

Ideally, we'd like to plant in mid-to-late November, but we could also plant in the spring if the Park Authority preferred that timing. Ms. Evers would cooperate with Ms. Stocksclaeder and Mr. Plourde to determine exact location of the plants and would use landscape paint to mark where each plant should go. Ms. Evers talked with a manager at Merrifield Garden Center, who said he keeps stock of the plants in question all year and doesn't foresee any problem being able to provide us with those plants in November.

FCPS can provide mulch for the plants; Belvedere can provide gator bags for the trees and shovels and gloves for the students and adults. Our student Garden Club, led by Ms. Evers, would be responsible for making sure the plants are watered every week as needed during the school year. Over the summer, Ms. Evers, Belvedere custodians and families would take care of the plants.

5. Public Benefits:

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

Belvedere Park is a small park used primarily by Belvedere (we've had a partnership agreement since 2011) and occasionally by spectators and players using the field on weekends. About 18 months ago, VDOT topped the trees in the park parallel to Columbia Pike, but left the snags. The busy road is now visible, and it's just as easy to see into the park. The elimination of the tree canopy has also made it louder in the park. As a result, Belvedere's teachers don't use the park as an outdoor classroom nearly as much as they used to. Our K-2 teachers especially don't want to take their students into the park because they worry about small students running toward the road, which now is easier to see and reach. Teachers are also uncomfortable that the students are so visible from the road.

However, it's important that our students have outdoor experiences in environments that are wilder than the playground and the field. Given its small size and proximity, Belvedere Park is an ideal area for students to study birds, habitat, vertebrates/invertebrates, human impact on the environment, native and invasive plants, and to play games related to food webs, predator-prey relationships and migration. The students also have learned about ticks, trail maintenance, how to hike (including leave no trace) and how to identify poison ivy. Finally, our students also have learned citizen science by collecting litter and data on that litter and have learned stewardship by planting natives and pulling invasives for the Park Authority.

Belvedere's presence in the park also benefits the Park Authority. In addition to helping to preserve a healthy habitat, we are aware of prohibited activities taking place in the park such as people using it as a storage locker (we have found many items, including goal posts, line markers

REQUESTED

- \$447 6 "Nellie Stevens" American holly trees (7-gallon pots) at \$74.50 each, based on Merrifield Garden Center wholesale prices
- \$402 12 Spicebush (3-gallon pots) at \$33.50 each, based on Merrifield Garden Center wholesale prices
- \$268 8 Arrowwood viburnum (3-gallon pots) at \$33.50 each, based on Merrifield Garden Center prices
- \$85 Delivery of plants (Merrifield Garden Center delivery fee to 22041)
- \$1,202 TOTAL REQUEST**

MATCHING

- \$641.94 Planting at standard volunteer labor rate of \$24.69/hour (estimated 1 person taking 1 hour per plant, or \$24.69 x 26 plants)
- \$987.60 Watering at standard volunteer labor rate of \$24.69/hour (estimated 4 hours/week for 10 weeks - or \$24.69 x 40 - because watering cans will have to be filled and then taken by wagon into the park to fill gator bags and water shrubs; only summer weeks are included in this estimate although we will water every week until the plants are established next year)

\$1,629.54

TOTAL MATCH

~~\$~~ **2831.54**

← TOTAL PROJECT COST

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:

- We understand payment by the Park Authority will occur after we complete the project.

Photo and map attachments from Belvedere ES

Below: The proximity of the park to the school grounds, and their relationship to Columbia Pike. The area of the park facing Sleepy Hollow Road has denser vegetation than that facing Columbia Pike. The school field is between the school building and the park.



Below: The planting area. The log circle will be relocated this fall. Holly trees would be planted in the area where the furthest-back logs are, with the spicebush and viburnum closer to the foreground. Placement and planting would be as directed by Ms. Stocksclaeder and Mr. Plourde.



Below: The opening in the park. There's a trail from the school field through the trees on the right to the opening. The log circle is visible in the lower portion of the opening (just below the "B" in Belvedere). This would be our planting area. The logs will be moved this fall to the upper left portion of the opening (the bench is visible as a horizontal line or small rectangle). Parallel to Columbia Pike, you can see the power lines and how the tree canopy has been removed. Compare this to Sleepy Hollow Road, where the canopy is intact.



Below: The visibility of Columbia Pike in July, when vegetation is at its peak.



Below: After a litter pick-up last spring. We frequently find beer bottles, water bottle lids and water bottles, but on several occasions have found dirty diapers.





PO Box 848, Merrifield, VA 22116
 Merrifield - (703) 560-6222
 Fair Oaks - (703) 968-9600
 Gainesville - (703) 368-1919

Sales Quotation

Sold-To
 BELVEDERE ELEMENTARY SCHOOL 1
 6540 COLUMBIA PIKE
 FALLS CHURCH VA 22043

Ship-To
 CASH & CARRY MERRIFIELD 3
 P.O. BOX 848
 MERRIFIELD VA 22116

Information
Sales Quote No. 20003807
Document Date 10/01/2018
Customer No. 9407798
Contact Person WH2
Validity Start Date 10/01/2018
Validity End Date
Phone 703-916-6800
Purchase Order No. STACEY/ NATIVE PLANTS/
 MCR

Header Information
Delivery Date: 10/01/2018

Item	Material	Quantity	Price	Price Unit	Amount
10	62860015 HOLLY NELLIE R STEV, MAR, 7G, R2	6 EA	99.99 USD	74.50 EA	447.00
20	2555008 SPICEBUSH, 3G, R2	12 EA	44.99 USD	33.50 EA	402.00
30	132618002 VIBURNUM ARROWWOOD, SEPER, 3G, R2	8 EA	44.99 USD	33.50 EA	268.00
40	65880 DELIVERY FEE	1 EA	85.00 USD	85.00 EA	85.00
6540 Columbia Pike Falls Church VA, 22041.					
Final amount:					1,202.00

Quote valid for 30 days. Prices and sizes may vary upon availability

Board Agenda Item
December 12, 2018

ACTION

Nottoway Park – Mastenbrook Volunteer Matching Fund Grant Program Request – Vienna Little League (Providence District)

ISSUE:

Approval of a Mastenbrook Volunteer Matching Fund Grant Program request from the Vienna Little League in the amount of \$20,000 to help fund the installation of synthetic turf at the Nottoway Park diamond field #1.

RECOMMENDATION:

The Park Authority Executive Director recommends approval of the Mastenbrook Volunteer Matching Fund Grant Program request from the Vienna Little League in the amount of \$20,000 to help fund the installation of synthetic turf at the Nottoway diamond field #1.

TIMING:

Board action is requested on December 12, 2018, in order to award the grant.

BACKGROUND:

On November 12, 2018, the Board approved the project scope to design, permit, and install synthetic turf and related work at Nottoway Park Diamond Field #1 (Attachment 1). Vienna Little League (VLL) is partnering with the Park Authority to convert diamond field #1 to synthetic turf to provide a field surface that is more readily available during and after inclement weather. Field # 1 is currently a lighted and irrigated 60' base path diamond field. The synthetic field will be built to current Park Authority standards.

VLL is requesting \$20,000 from the Mastenbrook Volunteer Matching Fund Grants Program to help fund the completion of the project (Attachment 2). If approved, the Grant of \$20,000, along with a \$650,000 contribution of cash from VLL, and a \$100,000 from Proffers, will provide the funds sufficient to complete the project. The total project budget is \$770,000.

VLL has been a participant in the Adopt-A-Field program for several years, and over the years has contributed funds towards maintenance and athletic field improvements for fields at Nottoway Park as well as many other park and school athletic fields.

Board Agenda Item
December 12, 2018

The Park Authority Board Member for the Providence District supports approval of the Grant request. Staff from the Planning and Development Division will manage the project, which is scheduled to be completed by fall of 2019. Matching funds are available to complete this project.

FISCAL IMPACT:

The estimated total project cost is \$770,000. Funds are currently available in the amount of \$20,000 in WBS PR-000078, Park Renovations and Upgrades - 2016, in Fund 300-C30040, Park Bond Construction Fund; and \$650,000 from VLL; and \$100,000 in Park Proffers, PR-000058 in Fund 80300, Park Improvement Fund, resulting in the total available funding of \$770,000. Operational expenses will be managed with existing resources.

Contingent on the approval of this project, the remaining balance in the Mastenbrook Volunteer Matching Fund Grant Program will be \$141,412.93.

ENCLOSED DOCUMENTS:

Attachment 1: Aerial Showing Grant Project Area at Nottoway Park

Attachment 2: Mastenbrook Volunteer Matching Fund Grant Program Request – Vienna Little League

STAFF:

Kirk W. Kincannon, Executive Director

Sara Baldwin, Deputy Director/COO

Aimee L. Vosper, Deputy Director/CBD

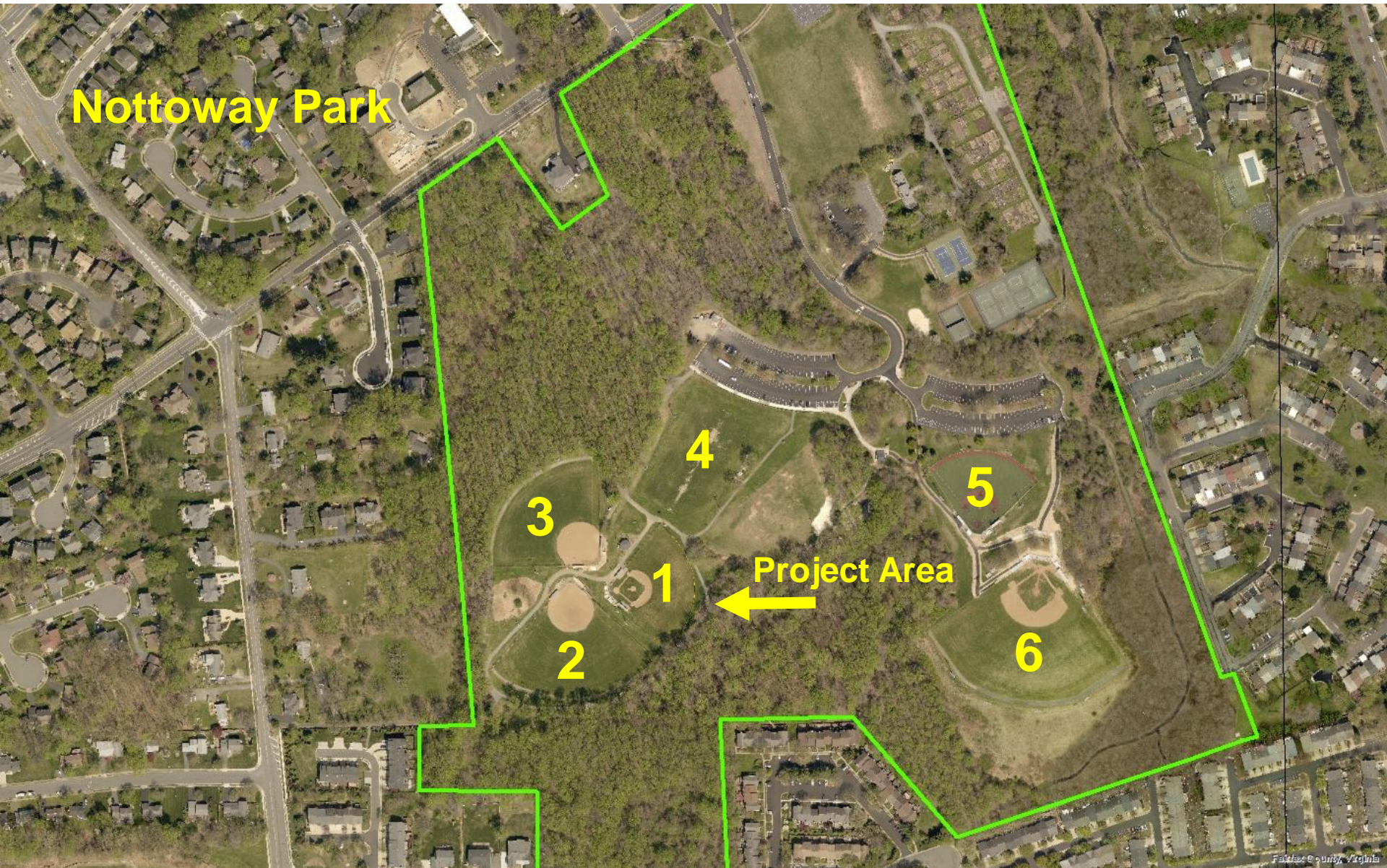
Todd Brown, Director, Park Operations Division

David Bowden, Director, Planning and Development Division

Dan Sutherland, Manager, Park Management Branch, Park Operations Division

Janet Burns, Senior Fiscal Manager

Michael P. Baird, Manager, Capital and Fiscal Services



Nottoway Park

3

4

5

2

1

6

Project Area





Mastenbrook Volunteer Matching Fund Grants Program Application Form

PLEASE PRINT. Please provide all information requested. You may attach additional sheets and/or materials to support your request.

1. Grantee Information

Name of Individual or Organization: _____

Contact Person: _____

Mailing
Address: _____

Phone: () _____

Fax: () _____

2. Project

Title: _____

3. Funding Requested

Amount \$ _____

(Applicant may request up to a maximum of \$20,000 per project. Limited to one Project per fiscal year.)

4. Project Description

Provide a description of your project. (Attach drawings or specification of *materials*/proposed for purchase. If *educational materials* are proposed, provide a mock up or example of how the product will look, how it will be posted or distributed, and an example of the content. Provide a detailed map and other visual materials, site plan, drawings, photos, cross sections or a mock up of your project and what the finished product will look like.) Provide as much detail as you can to help evaluators clearly understand your project.

5. Public Benefits

Explain why your project is important and why it is needed? Who are the intended users? How will the public benefit? How many and what different types of users do you expect? How does this project provide new recreational opportunities for the intended users? Does your project solve a problem or provide important missing services? If your project provides for people with disabilities, in what way?

6. Sponsor Commitment

What experience do you or the organization have in accomplishing similar projects? Who will be responsible for organizing and assigning the work to insure successful project completion? You will need to document all project expenditures. What is your plan for documenting the work (photographs, video, written documentation, etc.)? What is your plan, if any, for long-term maintenance of your project after it is completed?

7. Proposed Budget

You will need to provide a detailed and complete budget. Provide enough detail for evaluators to understand exactly what grant funds will be used for, how you arrived at the prices for services, labor, materials, equipment, etc., and the same level of detail about the amount and source of matching funds.

The Park Authority prefers to reimburse grantees after the work is completed. Please check one of the following:

- We understand payment by the Park Authority will occur after we complete the project.
- We must have Park Authority grant funds prior to beginning the project.

Signature

Date