



PIAC REQUEST 2021

ORGANIZATION

Primary: Roanoke Park Conservancy (DISTRICT 4)

Supporters: Coleman Highlands Neighborhood Association, Roanoke Neighborhood Association, Volker Neighborhood Association, and the Cave Research Foundation

REQUEST CATEGORY: Park Improvement

PARKS: Roanoke Park (South Meadow)

PROBLEM LOCATION: Roanoke Park South Meadow – Adjacent Playground and Sport Court

POTENTIAL NON-CITY FUNDING SOURCES

Missouri Department of Conservation Community Conservation Grant (Pending): **\$10,000**

Roanoke Parks Conservancy (Planting and Educational Signage): **\$14,000**

Kissick Construction (Earthwork, Topsoil Import, Compost): **In-Kind \$2,000 Value**

Roanoke Park Conservancy + Neighborhood Volunteers (Weeding/Watering): **In-Kind Maintenance \$3,000 Value**

REQUEST DESCRIPTION

This year's funding focuses on increasing activity and enhancing unique natural features in the South Meadow of Roanoke Park. We intend to deter undesirable activity including drug use, violent activities, unhoused camping, and dumping that are occurring adjacent the playground/sport court. Because of the unique natural setting (bluffs, caves, and springs) we feel this provides a unique and inclusive play opportunity for all ages and abilities, especially younger children in Kansas City's urban core. Specifically, the existing cave and spring provide a one-of-kind setting in Kansas City to observe and learn about this ecosystem that is essential to Missouri's natural system.

Priority #1- Cave Enhancements: The existing Roanoke cave has been covered with stone for decades. It is approximately 40' long x 16' wide x 12' high and includes a ~10 GPM spring. The Conservancy meet with the Missouri Cave and Foundation and KC Parks to discuss opportunities. They felt removing the stone blocking the entrance and providing a specially designed gate to keep people out, but allow visibility and bat access, would be a good opportunity for education and habitat improvement. Along with signage and entrance improvements, the spring flow would be routed under the path and for a short distance through the park to an existing inlet to create additional water sound and plant habitat. The area contains native ferns because of the unique micro-climate that exists.

Priority #2 – Water Play: Ideally, this would be combined with Priority #1 since that complement the education and experience of water and nature. Because of the lower cost of Priority #1 we have placed this as the top priority. Because spring water cannot be used for play at the cave, this project would provide a pump and pre-fab water play table. The pump is hand-operated, designed for kids, and connected to existing water lines nearby. The water table allows kids to divert, control, and interact with water in different channels and basins. Space is also provided for two wheelchairs to access it. Water flowing from the water table could be diverted to adjacent pollinator gardens for passive irrigation. The adjacent rock outcroppings and mature trees provide a natural setting for this experience.

Priority #3 – Epic Hill Slide: This would utilize the existing stairs leading up to Gordon Parks school to access a new hill slide through the woodlands of Roanoke. This is next to the existing playground and provides a unique nature play and adventure play experience in Kansas City that encourages kids to explore nature.

2021 PIAC FUNDING REQUEST

Priority #1 - Cave Enhancements: \$69,000 (see attached Estimate for detail)

Priority # 2 – Water Play: \$152,000 (see attached Estimate for detail)

Priority # 3 - Embankment Slide: ~\$200,000 (AB Creative is working on estimate to be provided soon)

Roanoke Park - South Meadow PIAC 2021 **Cave Enhancements**

| Item No. | Unit | Quantity | Item Description | Unit Price | Extension |
|----------|------|----------|--|--------------------------------------|--------------------|
| | | | PRIORITY #1 | | |
| | LS | 1 | Mobilization | \$1,000.00 | \$1,000.00 |
| | LS | 1 | Demolition Stone and Removal + Clearing and Grubbing | \$2,000.00 | \$2,000.00 |
| | LS | 1 | Contractor Construction Staking | \$1,000.00 | \$1,000.00 |
| | LF | 40 | Curb Edging | \$20.00 | \$800.00 |
| | SF | 75 | Concrete Sidewalk (4") | \$10.00 | \$750.00 |
| Kissick | CY | 3 | Topsoil Removal and Replacement | \$40.00 | \$120.00 |
| Kissick | CY | 15 | Unclassified Excavation | \$47.00 | \$705.00 |
| Kissick | CY | 5 | Imported Topsoil for Planting Beds and Bioswale | \$50.00 | \$250.00 |
| Kissick | CY | 2 | Compost for Planting Beds and Bioswale | \$50.00 | \$100.00 |
| RPC | SF | 900 | Fine Grading | \$0.20 | \$180.00 |
| | LF | 80 | Limestone Block Walls (~48"L x 18"W x 12"T) | \$225.00 | \$18,000.00 |
| | EA | 1 | Bench, Large | \$2,400.00 | \$2,400.00 |
| | EA | 1 | Signage at Cave | \$4,000.00 | \$4,000.00 |
| | EA | 1 | Bat Grate | \$14,000.00 | \$14,000.00 |
| | EA | 1 | Foot Bridge | \$7,000.00 | \$7,000.00 |
| | SF | 450 | Sod | \$0.70 | \$315.00 |
| RPC | SF | 800 | Planting Bed | \$7.00 | \$5,600.00 |
| Kissick | SF | 50 | Gravel on drainage channel | \$4.00 | \$200.00 |
| | | | | | |
| | | | | | \$58,420.00 |
| | | | | Contingency (8%) | \$4,673.60 |
| | | | | Contractor Overhead and Profit (10%) | \$5,842.00 |
| | | | | | \$68,935.60 |

Roanoke Park - South Meadow PIAC 2021 **Water Play**

| Item No. | Unit | Quantity | Item Description | Unit Price | Extension |
|----------|------|----------|--|--------------------------------------|---------------------|
| | | | PRIORITY #1 | | |
| | LS | 1 | Mobilization | \$1,000.00 | \$1,000.00 |
| | LS | 1 | Demolition Stone and Removal + Clearing and Grubbing | \$1,000.00 | \$1,000.00 |
| | LS | 1 | Contractor Construction Staking | \$1,000.00 | \$1,000.00 |
| | LF | 80 | Curb Edging | \$20.00 | \$1,600.00 |
| | SF | 275 | Concrete Sidewalk (4") | \$10.00 | \$2,750.00 |
| | EA | 2 | ADA Ramps | \$800.00 | \$1,600.00 |
| Kissick | CY | 1 | Topsoil Removal and Replacement | \$40.00 | \$40.00 |
| Kissick | CY | 5 | Unclassified Excavation | \$47.00 | \$235.00 |
| RPC | SF | 100 | Fine Grading | \$0.20 | \$20.00 |
| | SF | 560 | Synthetic Turf or PIP at Water Play | \$25.00 | \$14,000.00 |
| | LF | 20 | Limestone Block Walls (~48"L x 18"W x 12"T) | \$225.00 | \$4,500.00 |
| | EA | 1 | Bench, Large | \$2,400.00 | \$2,400.00 |
| | EA | 1 | Signage at Water Play | \$4,000.00 | \$4,000.00 |
| | EA | 1 | Meander Water Play (\$50,000 equipment + \$30,000 install) | \$80,000.00 | \$80,000.00 |
| | EA | 1 | Allowance for Water Play Drain | \$4,000.00 | \$4,000.00 |
| | EA | 1 | Water Supply for Hand Pump | \$10,000.00 | \$10,000.00 |
| | SF | 50 | Sod | \$0.70 | \$35.00 |
| Kissick | SF | 50 | Gravel on drainage channel | \$4.00 | \$200.00 |
| | | | | | |
| | | | | | \$128,380.00 |
| | | | | Contingency (8%) | \$10,270.40 |
| | | | | Contractor Overhead and Profit (10%) | \$12,838.00 |
| | | | | | \$151,488.40 |



August 3, 2021

PIAC Committee,

Along with the Coleman Highlands and Volker neighborhoods, we in the Roanoke Neighborhood fully support the Roanoke Park Conservancy's PIAC request for funding of the Cave, Water Play, and Slide additions in Roanoke Park.

We continue to be impressed with the transformation the Roanoke Park Conservancy has led to improve and elevate Roanoke Park over the past ten years. Our residents - young and old - use and enjoy the park everyday and these proposed improvements will be a welcome addition to our 38-acre jewel.

Parks are important public spaces for the health and vibrancy of a city, and our Roanoke neighborhood homeowners have been energized by the positive impact the improvements to Roanoke Park have made in midtown Kansas City.

Thank you for your consideration of this request.

Sincerely,

ROANOKE NEIGHBORHOOD BOARD OF DIRECTORS

Amy Winger
President



Volker Neighborhood Association
www.VolkerKCMO.org

August 24, 2021

Re: Roanoke Park Conservancy PIAC request

Dear PIAC Committee Members,

The Volker neighborhood would like to formally indicate our support for the Roanoke Park Conservancy's 2021 PIAC request to fund Roanoke Park enhancements.

Roanoke Park is a highly valuable asset to Volker neighborhood residents as well as residents of nearby neighborhoods in Coleman Highlands, Roanoke and Valentine. The park is frequented by all ages enjoying the Karnes playground, sporting facilities, and other amenities.

This year's PIAC request to add interactive water play features, enhance natural assets by opening the south meadow cave, compliment funded improvements focused on accessibility, and further activate underutilized spaces within the park will significantly enhance the park and increase resident utilization of a valuable Parks Department asset.

We believe the park and surrounding neighborhoods will be greatly improved with these enhancements, especially for younger children and their parents by providing added educational and interactive experiences targeted for this demographic.

Best regards,

Volker Neighborhood Association

By: 

Patrick M. Faltico
President
Volker Neighborhood Association