

Louisville Metro Council City Agency Request

- Neighborhood Development Fund (NDF)
- Capital Infrastructure Fund (CIF)
- Municipal Aid Program (MAP)

Primary Sponsor: Rick Blackwell – District 12

Amount: \$10,293.00

Date: 5/5/2014

Description of program/project including public purpose, additional funding sources, location of project/program and any external grantee(s):

This funding is to install waterlines at Rose Farm Park, a pocket park that is a collaborative project between MSD and Metro Parks. MSD will install 25 trees at Rose Farm Park and in order to ensure the survival of the trees, the installation of a water line at the Park is necessary. The installation of the water line will cost approximately \$5,638.00 according to the attached estimate (\$4,388 for the plumbing scope of work and \$1250.00 for the Louisville Water Company meter).

The purchase and installation of one Elkay drinking fountain is \$4105.00.

The remaining \$550 is for the purchase of 25 "gatorbags" that will also be used to help with the trees' survival and growth. These bags are reusable.

This District 12 CIF funding is to be combined with \$450 from Brightside in Tree Removal and \$12,500 from MSD for the purchase of 25 trees.

City Agency: Brightside

Contact Person: Gina O'Brien

Agency Phone: 502.574.6256

I have reviewed this request for an expenditure of city tax dollars, and have determined the funds will be used for a public purpose.

12
District #

Rick Blackwell
Council Member Signature

\$10,293.00
Amount

5/8/14
Date

Approved by: _____
Appropriations Committee Chairman Date

Clerk's Office & OMB Use Only:

Request Amount: _____ Amended Amount: _____

Reference #: _____ To OMB: _____

Budget Revision #: _____

Account #: _____

To Project Manager: _____	Completion Date: _____
Actual Cost: _____	Funds Returned: _____

Department/Project: _____

Additional Signatures

I have reviewed this request for an expenditure of city tax dollars, and have determined the funds will be used for a public purpose.

District #	Council Member Signature	Amount	Date
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Proposal
E & E MECHANICAL INC.
a WBE business
P.O. Box 197081
Louisville, Kentucky 40259
(502) 969-4503 FAX (502) 966-9992

Submitted to:
Attention: Erin
Project Name: Rose Farm Park
Project Address: 4500 Rose Farm Drive

Date: 5/7/14

E & E Mechanical, Inc. is pleased to submit our proposal for the above referenced project. All work is based on Kentucky state and local codes. Excludes any unforeseen changes made by plan review per code. Material is based on specs and standard installation. All applicable permits have been included.

Addendum:

Plumbing Scope of Work

Provide one ground hydrant and 3/4" water service as close as possible to gravel area
Water meter to be provided by Louisville Metro Government
Includes a 3/4" backflow preventer and a blowout for winterization
Includes excavation and all backfilling
Includes seed and straw once finished grade is complete
Water service to be plastic PEX piping to hydrant from meter
Includes plumbing permit and inspection
Excludes purchase of meter
Excludes second service across bridge (not sure if we can bury line across bridge)

Total Material and Labor \$ 4,388.00

Add for frost proof outdoor drinking fountain \$ 4,105.00
(Spec attached)

Add for 3/4" Louisville Water Company meter \$ 1,250.00
Deduct \$ 350.00 from meter if no system development cost is applied.

Exclusions: No rock removal. No overtime. All work to be performed during normal business hours unless noted in proposal scope of work. No hazardous material removal.. This proposal may be withdrawn by E & E Mechanical, Inc. if not accepted within 30 days.

ACCEPTANCE OF PROPOSAL: SIGNATURE _____

Date: _____

Printed Name: _____

ELKAY[®]

SPECIFICATIONS

Pedestal Fountain Model LK4400

GENERAL

Pedestal steel fountain with textured powder coat finish and E-Coat immersion for year-round beauty with minimum maintenance. The E-Coat immersion process coats the outside and inside of the fountain for the ultimate in corrosion protection. Contour-formed stainless steel basin with rounded corners and edges reduces splatter, insures proper drainage and prevents standing waste water. Ideally suited for installation in public areas.

NO LEAD DESIGN

THIS DRINKING FOUNTAIN COMPLIES WITH THE LEAD-FREE DEFINITION IN THE SAFE DRINKING WATER ACT OF 1986 AND LEAD CONTAMINATION CONTROL ACT OF 1988.

Elkay Drinking Fountains are manufactured with a waterway system utilizing copper components and completely lead-free material. These waterways have no lead because all leaded materials, such as leaded brass, have been removed.

CONSTRUCTION

Bubbler: Vandal-resistant bubbler is one-piece, chrome-plated, with integral hood guard design to prevent contamination from other users, airborne deposits and tampering.

Pushbutton Actuation Mechanism: Self-closing, vandal-resistant pushbutton does not require grasping or twisting.

Automatic Stream Height Regulator: Self-closing assembly is located inside unit to prevent tampering. Unit resists corrosion and liming. A constant stream height is automatically maintained under line pressures that vary from 20 to 105 psi.

Inlet Strainer: Easily cleaned in-line strainer screen traps particles of 140 microns or larger before they enter the waterway.

Water Inlet: 3/8" O.D. tubing.

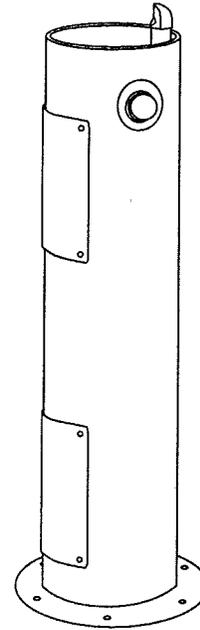
Drain Outlet: 1-1/4" tube outlet for 1-1/4" slip joint connection.

Access Panel: Manufactured of heavy-gauge steel with vandal-resistant screws. Provides access for easy hook-up of all plumbing connections.

SUGGESTED SPECIFICATIONS

Fountain shall include pushbutton on the front. Shall include contoured-formed basin to eliminate splashing and standing water, and shall have rounded corners and edges. Projector shall be chrome-plated vandal-resistant type with integral hood guard and anti-squirt feature. The manufacturer shall certify the unit to meet the requirements of NSF/ANSI 61, and the Safe Drinking Water Act.

Shipping Weight: 134 lbs.



Model LK4400

This fountain is certified by WQA to lead-free compliance including NSF/ANSI 61-ANNEX G, AB 1953

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice.

This specification describes an Elkay product with design, quality and functional benefits to the user. When making a comparison of other producers' offerings, be certain these features are not overlooked.

**Pedestal Fountain
Model LK4400**

**ELKAY®
ROUGH-IN DIMENSIONS**

**MOUNTING INSTRUCTIONS and
PLUMBING CONNECTIONS**

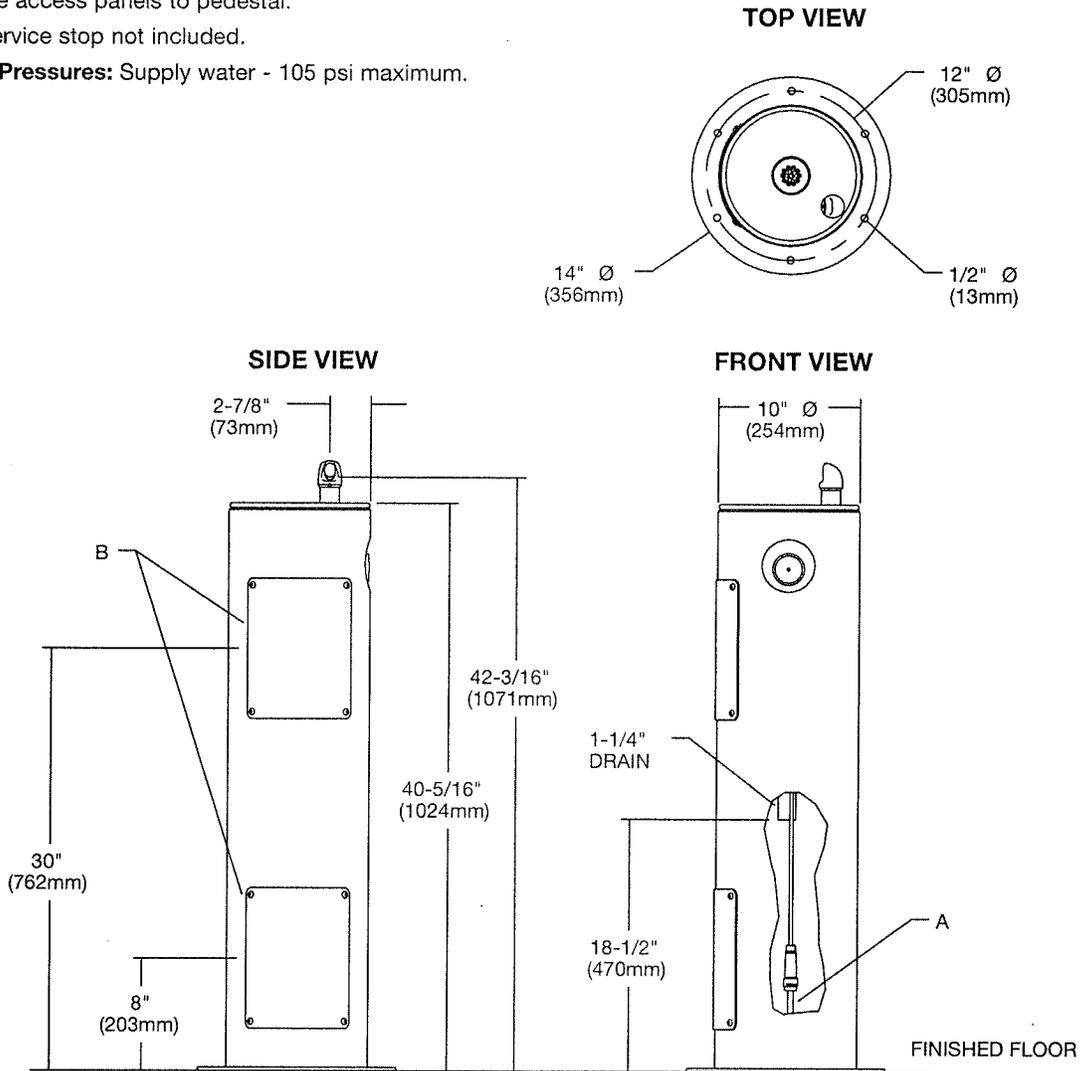
Provide solid, well-drained surface to mount pedestal fountain (concrete pad recommended). (6) 1/2" anchor bolts (not included) should be attached securely to mounting surface in order to secure fountain. (Refer to rough-in diagram.)

Locate and install plumbing through ground as required.
NOTE: Fountain is not furnished with service valve.

Position pedestal over plumbing and secure base to anchor bolts. Remove access panels and connect supply and water lines. Turn on water supply and check for leaks. Stream height is factory set at 45-50 psi. If water pressure varies greatly from this, adjust automatic stream regulator to provide drinking stream approximately 1-1/2" above projector guard. Reassemble access panels to pedestal.

Trap and service stop not included.

Operating Pressures: Supply water - 105 psi maximum.



LEGEND

A = 3/8" O.D. UNPLATED COPPER TUBE CONNECT - SHUT OFF VALVE BY OTHERS.
B = ACCESS PANEL (8" X 10")

Kennedy, Liz

From: Thompson, Erin
Sent: Wednesday, April 30, 2014 2:22 PM
To: Kennedy, Liz; Blackwell, Rick
Cc: OBrien, Gina I.
Subject: RE: Water lines for Rose Farm

Hey Liz-

The Gatorbags usually run around \$22 per 15-gallon bag. They can be purchased locally at John Deere or at Bargain Supply I believe. My contractor Action Landscape charges \$22/15-gal bag. They can also be purchased at places like Amazon (listed as \$21.63 when I looked up). 15 gallon bags are good for trees 2.5" caliper tree or less. If it the tree is 3" caliper or greater they will need two of the bags equaling a total of 30 gallon to water tree weekly.

Does this answer your question? Any others?

I am waiting to hear back from Scott Weartz at E&E Mechanical for the two estimates (one for just waterlines and another for lines with water fountain). I'll keep you updated.

Erin M. Thompson
Urban Forester-Louisville Metro Government
Louisville Metro Hall
527 West Jefferson Street, 2nd Floor
Louisville, KY 40202
Office: (502) 574-4030
Erin.Thompson@louisvilleky.gov

From: Kennedy, Liz
Sent: Tuesday, April 29, 2014 11:21 AM
To: Thompson, Erin; Blackwell, Rick
Cc: OBrien, Gina I.
Subject: RE: Water lines for Rose Farm
Importance: High

Erin –

We also spoke with Gina about purchasing those water bags (not sure of the exact term) for the trees since they are reusable and it seems like a great way to protect the tree-investment.

Could we get an estimate on those, too, to include?

Thanks,
Liz

From: Thompson, Erin
Sent: Thursday, April 24, 2014 12:40 PM
To: Blackwell, Rick

Cc: Kennedy, Liz; OBrien, Gina I.
Subject: RE: Water lines for Rose Farm

I am looking into this. Hopefully I will have an answer for you soon.

From: Blackwell, Rick
Sent: Wednesday, April 23, 2014 12:32 PM
To: Thompson, Erin
Cc: Kennedy, Liz; OBrien, Gina I.
Subject: Re: Water lines for Rose Farm

Thanks for the information and the partnership with the trees. Would it delay the project to add a drinking fountain during the installation?

Sent from my iPhonen

On Apr 23, 2014, at 12:24 PM, "Thompson, Erin" <Erin.Thompson@louisvilleky.gov> wrote:

CM Blackwell-

Thank you for joining with Brightside and MSD to bring some new trees to Rose Farm Park. I've included the proposal for your review. Of course the separate agreement for the Brightsites that Gina and Cindy set up with you still stands.

The original estimate that was given to Brightside for the water lines at Rose Farm Park was \$5,500.00 from E & E Mechanical's Scott Weartz for the two lines. Here is his original email to clarify:

I would estimate for every 100 feet, a cost of \$ 2,200 (\$ 22 per/foot). That includes hydrant, connection to water main , piping in ground, backfill, permit and inspection.
This excludes any saw cutting or patch to go across any parking lots or concrete areas. All left over spoils to be lost on site.
Excludes seed, straw or sod replacement.
Attached is the hydrant I proposed.
Smaller distances may result in a higher cost.

Hydrant cost is \$ 550.00 each.(includes mark-up and freight)

Thanks-

Scott Weartz
Estimator/Project Manager
E & E Mechanical

I am meeting Scott on Friday morning to look at the line placement and recalculate the estimate. Scott and I have also spoken to Beth Allen at the Louisville Water Company about permits, etc. Beth informed me that there will need a to be water meter installed to calculate the amount of water that is being used for LOU Water Co records. Scott will coordinate the installation with the water company and include the cost of the meter in his estimate. According to Beth there will not be a bill for water because the billing will be addressed to the City of Louisville.

As soon as I have more information I will relay to you.

Sincerely,

Erin M. Thompson
Urban Forester-Louisville Metro Government
Louisville Metro Hall
527 West Jefferson Street, 2nd Floor
Louisville, KY 40202
Office: (502) 574-4030
Erin.Thompson@louisvilleky.gov

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Rose Farm Park

Purpose: To continue to maintain the environment and enhance the beauty of Rose Farm Park. Rose Farm is located north of the intersection of Dixie Hwy and Greenwood Road in Council District 12 and zip code 40258.

Rose Farm Park was created in May of 2012 by the collaboration of MSD and District 12 (CM Rick Blackwell) to create a sustainable green space that the community uses as a tool to educate and establish future sustainable green infrastructures. Like many infrastructure projects, Rose Farm Park has experienced setbacks which have not allowed the park to perform at its full capacity as a rain garden. In an effort to retain this piece of positive green infrastructure Brightside is asking to become a part of this collaborative team. To rectify the lacking components of the rain garden the following will make a significant impact: remove dead and damaged trees; replace the removals; add additional trees to an open area in the park; and install two water lines with hydrant to make watering trees feasible. Besides planting the trees, Brightside will be performing watering maintenance for the first three years that the trees are in the ground. By performing this task, Rose Farm Park will continue to be a positive green infrastructure that acts as a role model and enhances the beauty of the Dixie Highway corridor.

1. **Removal:** There are 12 trees in the park that have declined in health due to damage from mowers. These trees are either dead or showing severe crown dieback which is a sign of impending death.
2. **Twenty-Five Tree Planting Opportunities:** Brightside is proposing a total of 25 trees to be planted in the park. Twelve of the trees are to replace the removals and the remaining thirteen will be placed in open spaces. There will be five species used: yellow poplar, blackgum, bur oak, catalpa, and sycamore. If any these species are not available due to lack of nursery availability the following substitutions will be used: red oak, swamp white oak, basswood, and ginkgo.
3. **Maintenance:** Prior to planting the trees will be pruned appropriately. For the first 3 years that the trees are in the ground Brightside will be watering the trees as follows:
 - Year 1- weekly , about 22 weeks;
 - Year 2- bi-weekly, about 11 weeks;
 - Year 3- watering will take place five times.

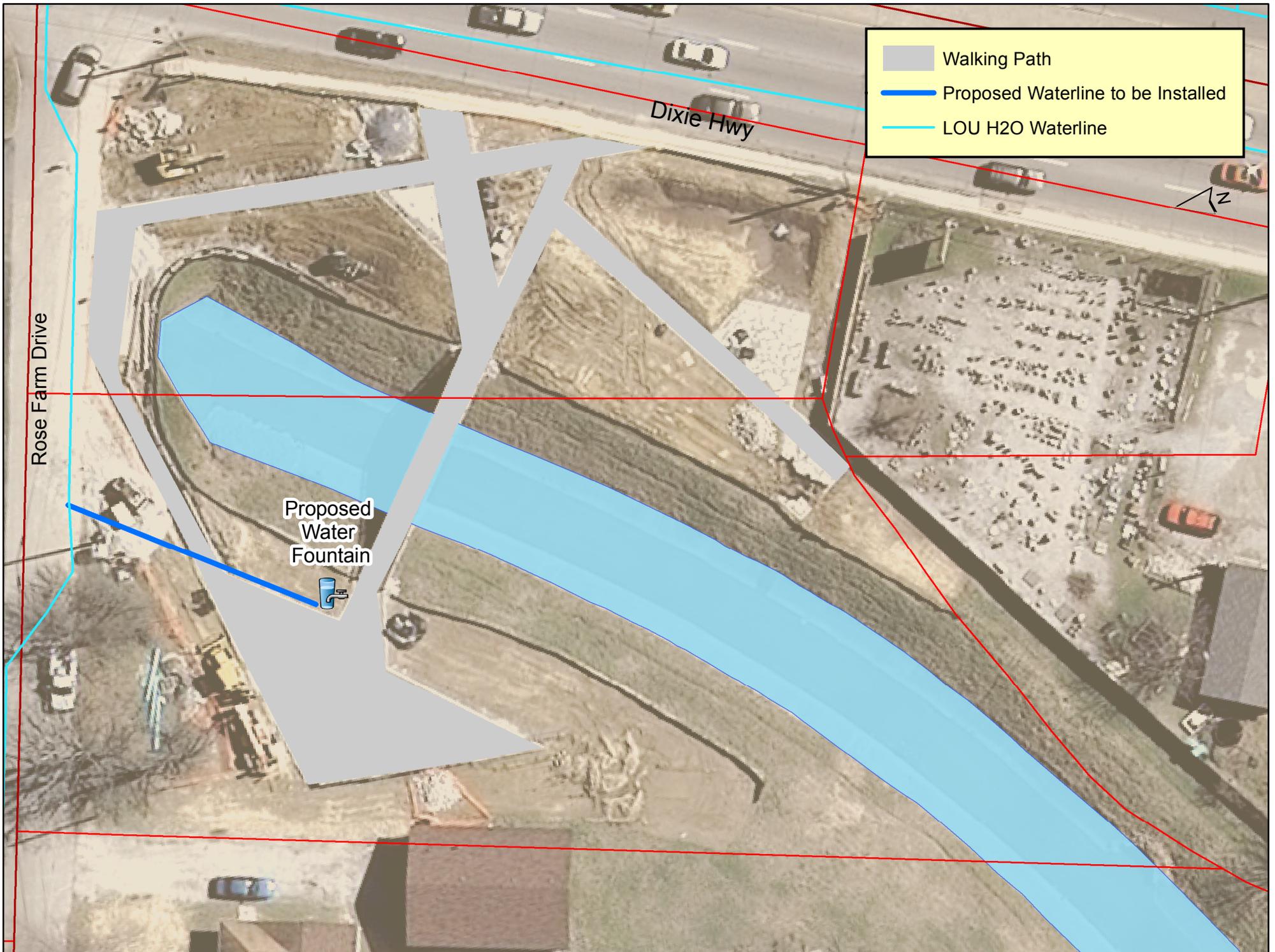
The watering regiment will start around mid-April and end around mid-September. The outlined watering regiment may be altered due to weather events such as rain that produces 1 inch or more of water, drought, or if a tree is showing signs of stress that can be alleviated by changing the frequency of watering.

In order to perform watering, Brightside will have two water sources installed. The installation of each water source includes the hydrant, connection to the water main, piping, backfill, permit and inspection.



Rose Farm Park: Proposed Water Fountain and Irrigation Line

Created by Erin Thompson, May 2013



Rose Farm Park: Proposed Water Fountain and Irrigation Line

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