

Louisville Metro Council City Agency Request
Neighborhood Development Fund (NDF)
■ Capital Infrastructure Fund (CIF)
Municipal Aid Program (MAP)
Paving Fund (PAV)

Primary Sponsor: Rick Blackwell

Amount: \$8,337 **Date:** December 5, 2018

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

Removal of seven trees, corrective pruning of one tree in the right of way, and replacement of two trees in public right-of-way along Winstead Drive.

City Agency: Division of Community Forestry

Contact Person: Erin Thompson

Agency Phone: 574.4030

I have reviewed this request for an expenditure of city tax dollars, and have determined the funds will be used for a public purpose and have the attached documentation from the receiving department concerning the project/expenditure.

12		\$8,337.00	12/5/2018
District #	Council Member Signature	Amount	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: _____

NDF, CIF, MAP OR PAV INTERAGENCY CHECKLIST

Interagency Name: Division of Community Forestry	
Program/Project Name: Removal of 7 trees, pruning of one tree, and replacement of two trees along	
	Yes/No/NA
Request Form: Is the Request Signed by all Council Member(s) Appropriating Funding?	Yes
Request Form: If matching funds are to be used, are they disclosed with account numbers in the request form description?	NA
Request Form: If matching funds are to be used, does the amount of the request exclude the matching fund amount?	NA
Request Form: If other funds are to be used for this project, are they disclosed with account numbers in the request form description?	NA
Funding Source: If CIF is being requested, does Metro Louisville own/will own the real estate, building or equipment? If not, the funding source is probably NDF.	Yes
Funding Source: If CIF is being requested, does the project have a useful life of more than one year? If not, the funding source is probably NDF.	Yes
Ordinance Required: Is the NDF request to a Metro Agency greater than \$5,000? If so, an ordinance is required.	NA
Ordinance Required: Is the request a transfer from NDF to cost center? If so, is the amount given for the fiscal year \$25,000 or less?	NA
Supporting Documentation: Does the attachment include a valid estimate and description of cost?	Yes

Submitted by:

Date: 12/5/18

McQuillen, Liz

From: Thompson, Erin
Sent: Monday, December 3, 2018 12:13 PM
To: McQuillen, Liz
Subject: Sherrard Drive Berm: Tree Removal/Pruning/Replacement
Attachments: DCF Cost Estimate_CD12_Sherrard Drive Berm Removals and Replacements_12032018_FINAL.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Liz-

Please find attached the cost estimate for the removal, pruning and replacement of trees along the berm behind the 7500 block of Sherrard Drive.

If council appropriates funds, the Division will accept them and schedule the work to be performed by the contractor. The Division is unable to schedule the work prior to receiving funds. Depending on the time funds are received and the timeline that the tree care company will need to remove the trees, replacement trees may not be able to be planted until Fall of 2019. The Division will keep council advised on scheduling throughout the process.

Please let me know if there are any questions.
Thank you, Erin

Erin Thompson

Urban Forester/Community Forestry Supervisor
ISA Certified Arborist KY-0813A and ISA Tree Risk Assessment Qualified
Division of Community Forestry
Office of Sustainability-Louisville Metro Government
527 W. Jefferson Street, 6th floor
Louisville, KY 40202
Office: (502) 574-4030
<https://louisvilleky.gov/government/division-community-forestry>



DIVISION OF
**COMMUNITY
FORESTRY**

Office of Sustainability – Louisville Forward





**DIVISION OF
COMMUNITY
FORESTRY**
Office of Sustainability – Louisville Forward

*Sherrard Drive Berm:
Tree Remediation and Replacement*
Requested by Council District 12: CM Blackwell

Tree Removal and Pruning: Bob Ray cost estimate for the removal of seven trees and the corrective pruning of one tree. Stump grinding is removed from this cost since the trees are on the backside of the berm removing these as a hazard to public right of way.

Removal/Pruning Cost \$ 7,278.00

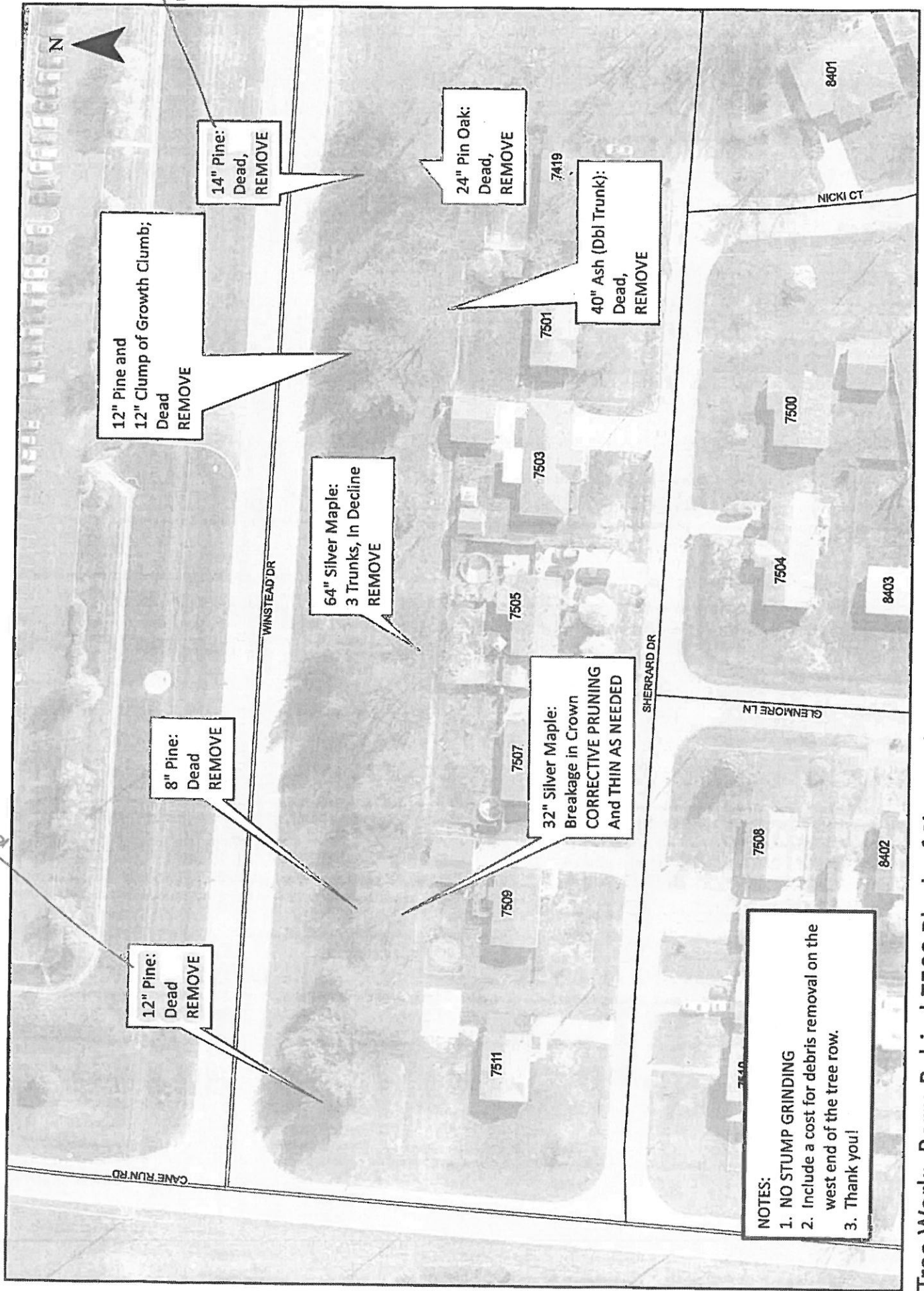
Tree Replacement: A total of 2 trees will be replaced. The cost is for the replacement trees is for the purchase of a wholesale 1 ½ caliper tree and contractor installation.

Tree Replacement Cost \$ 312.00
Tree Replacement Cost \$ 312.00

Tree Maintenance: The cost for watering and mulching the replacement trees for three years.

Tree Replacement Maintenance \$ 217.50
Tree Replacement Maintenance \$ 217.50

TOTAL COST \$ 8,337.00

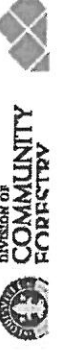


NOTES:

1. NO STUMP GRINDING
2. Include a cost for debris removal on the west end of the tree row.
3. Thank you!

Tree Work: Berm Behind 7500 Block of Sherrard Drive

Created by Erin Thompson, Urban Forester, LMG Division of Community Forestry



Bob Ray Company, Inc.

"No Job Too Small, No Tree Too Tall"

www.bobrayco.com



Customer Name Lou Metro/DCF

Phone 502-574-4030

Date 12/3/18

Job Location 7500 Block of Sherrard Drive

City Louisville

State KY Zip 40272

Billing Address (if different)

Email erin.thompson@louisvilleky.gov

-Specifications for Contract (or) Estimates-

12" DBH Pine - Remove \$332

8" DBH Pine - Remove \$140

64" Silver Maple - Remove \$2150

12" DBH Pine and 12" clump of growth clumb - Remove \$332

14" DBH Pine - Remove \$332

32" DBH Silver Maple - Corrective pruning and thin as needed \$1,148

32" DBH Silver Maple - Corrective pruning and thin as needed

40" DBH Ash - Remove \$1532

24" DBH Pin Oak \$764

Debris removal on the west end of the tree row: \$216

We propose to furnish material, labor and equipment to complete work in accordance with above specifications. The Bob Ray Company, Inc.'s estimated cost of the performance of the tasks presented above is \$_____ Services are subject to 6% sales tax. Should there be any reason to modify the scope of work, the Bob Ray Company, Inc. will require your approval with a revised estimated cost before commencing any such additional work.

All work is to be completed in accordance with ANSI A300 standards. All agreements are contingent upon weather, accidents and other delays beyond our control. See reverse side for the terms and conditions of work to be performed. The above price(s) and specification(s) are satisfactory and hereby accepted. You are authorized to do the work as specified.

This agreement and any noted attachments constitutes the entire agreement between the Bob Ray Co., Inc. and the below signed concerning the subject matter hereof. This agreement supersedes all prior agreements, discussions, representations, warranties and covenants between the Parties with respect to the above specified work. There are no warranties, representations, covenants or agreements, expressed or implied, between the parties except those expressly set forth in this agreement.

Any amendments or modifications of this agreement shall be in writing and executed by the contracting parties.

Your signature below will constitute a binding contract.

Representative's Signature Adam Palmer

Date 12/3/18

Customer's Signature

Date

723 Lyndon Lane • Louisville, KY • 40222 • Phone: 502.425.7654 • Fax: 502.425.7657

Bob Ray Co., Inc.



Terms and Conditions of work to be performed

The following terms and conditions are part of the confirmation of work to be performed by Bob Ray Co., Inc. for the authorizing party (Client), and with the information on the preceding page(s), constitute the entire agreement.

- Bob Ray Co., Inc. is insured for liability resulting from injury to persons or property, and all its employees are covered under workers compensation insurance.
- Bob Ray Co., Inc. assumes no liabilities or responsibilities for any cracking, breaking, puncturing, depressing, or any other damage to any driveway, patio or any other paved, bricked, stoned, concrete or asphalt surface resulting from trucks and equipment being used to access the job.
- Bob Ray Co., Inc. is not responsible for damage to irrigation lines, drain lines, invisible fences, cables or any other underground utilities, unless the systems are accurately marked and mapped by the client and a copy is presented to Bob Ray Co., Inc. before the work is performed.
- Bob Ray Co., Inc. will not be held responsible for any unforeseen or abnormal reaction to any trees, shrubs or lawns resulting from the proper application of chemicals and formulations according to their appropriate labels.
- Clean-up shall include removing wood, brush, clippings and raking of the entire area affected by the specified work, unless noted otherwise in this proposal.
- Stump removal is not included in the tree removal price unless specified in this agreement. Surface and subsurface roots beyond the stump are not removed unless specified.
- Cables and braces reduce, but do not remove the risk of branch and trunk failure. All supplemental support systems have a finite life and should be inspected annually or after any significant weather event. It is the client's responsibility to contact Bob Ray Co., Inc. to schedule this service for an additional fee.
- Trees inherently pose a certain degree of hazard and risk from breakage, failure or other causes and conditions. Recommendations made are intended to minimize or reduce such hazards. There can be no guarantee that all hazardous conditions have been detected. The client shall not infer that a tree is safe either because work has been done to reduce risk, or because no work has been recommended on a specific tree.
- Any additional work required to complete the work specified, caused by the client's failure to make known or caused by previously unknown foreign material in the trunk, branches, underground, or any other condition not apparent in estimating the work, shall be paid for by the client on a time and material basis.
- Client affirms all trees and vegetation upon which work is to be performed are owned by the client, or that authorization for the work has been obtained from the rightful property owner. Furthermore, Client shall be responsible for compensating Bob Ray Co., Inc. for any and all damages collected against Bob Ray Co., Inc. by any third party demonstrating actual ownership of the trees and vegetation upon which the work was performed.
- Client is responsible for obtaining and paying for all required local permits necessary to perform work described in this agreement.
- Estimates older than 45 days are subject to change.
- Payment is to be received upon completion of the work and receipt of invoice. In the event the scope of the work changes, Bob Ray Co., Inc. will be paid for all items on this proposal that have been completed.
- Both the Client and Bob Ray Co., Inc. agree to attempt to work out any disputes regarding this agreement through direct negotiation and/or mediation prior to seeking any other legal remedy.
- Payment not received within thirty days of date billed will result in an additional charge of 1.5% per month. In addition, the customer is responsible for the cost and expense of collection, including reasonable attorney fees incurred in the collection process. There will be a fee of \$30 for all returned checks.

*ANSI A300 standards are the generally accepted industry standards for tree care practices.

ANSI A300 Pruning Specifications

Crown Cleaning – Selective pruning to remove one or more of the following parts: dead, diseased, and/or broken branches.

Crown Thinning – Selective pruning to reduce density of live branches.

Crown Raising – Selective pruning to provide vertical clearance.

Crown Reduction – Selective pruning to decrease height and/or spread.

Crown Restoration – Selective pruning to improve the structure, form and appearance of trees that have been severely headed, vandalized, or damaged.

Vista Pruning – Selective pruning to allow a specific view.

Stump Grinding Standards

Grind and Leave Lay – Grind 8-10" below grade, leaving grindings where they land.

Grind and Backfill All – Grind 8-10" below grade and put chips back in hole, although there will sometimes be excess chips.

Grind and Haul Excess – Grind 8-10" below grade and haul excess chips leaving hole at or near ground level.

Grind and Soil Backfill – Haul away all chips and fill hole with topsoil.

Add Visible Surface Roots – same specifications as above.

Total Grind – Grind a minimum of 18", or enough to allow replacement of the tree.

From May through October your trees are actively growing and depend on water to carry out their daily processes. We do not have optimum rainfall during these months.

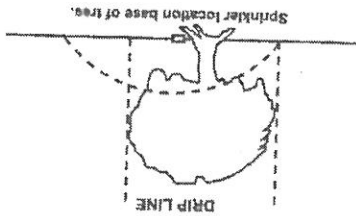
You hear different opinions on how to water your trees and most of them are guesses. The Tree Care Industry Association says that a mature shade tree has the capability of absorbing 80 to 100 gallons of water from the soil every 24 hours that the tree supports green foliage. One of the primary purposes of tree roots is to absorb the needed amount of water – if you take care of the roots, you're taking care of an essential part of the tree.

The soil environment determines root growth. Ninety percent of a tree's absorbing roots will usually be found within the upper 12 to 15 inches where soil conditions are closest to ideal. Both too little and too much soil moisture can be a problem for roots. When absorbing roots use up all the available moisture nearby, they stop taking up water and root tip growth stops. If re-watered immediately after growth stops, new root growth may not take place for a week. If water is withheld longer, root growth can take up to five weeks to resume, and some of the smaller roots may die.

Prolonged soil saturation fills spaces normally occupied by air. In most soils, if less than eight to ten percent oxygen is available, roots are killed and cannot take up moisture, this results in wilted/droopy leaves that are dry to the touch - the same symptoms as drought.

Soaker hoses in landscape beds once every three weeks for four to six hours will promote excellent health. **Sprinklers** are necessary for trees. Root systems spread far beyond the branch tips if soil is available and the entire root zone should be watered. An eight hour soaking once every four to five weeks – May through October enables enough roots to absorb this water and have a reserve that will last until the next watering about one month later. In some situations you may need to adjust the length of time; hillside may take longer, low areas less. Prolonged windy conditions increase the amount of moisture lost from leaves. This may result in a need to increase frequency; i.e., from every five weeks to every four. Lack of watering or watering for short periods of time can cause new roots to come to the surface where they are more vulnerable to drying.

For recently transplanted trees, only the root ball needs to be watered. One to two gallons of water per inch of trunk caliper (measured six inches above the soil) is the proper amount. A five-gallon bucket with holes punched in the bottom will allow you to measure the amount as well as slowly apply the water. Landscape sized trees (less than 4 inches) planted in the Spring should be watered twice weekly for two to five months, then weekly until established. It takes 12 months per inch of trunk caliper to establish the tree. Increase volume cannot make up for lack of frequency, and watering soon after transplanting is a priority – playing catch-up doesn't work.



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