

Louisville Metro Council City Agency Request

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


Primary Sponsor: Brandon Coan

Amount: \$8,500 **Date:** Jan 30, 2020

Description of program/project including public purpose, additional funding sources, location of project/program and any external grantee(s):
 \$8,500 to conduct a lighting assessment on Bardstown Road to identify areas where new streetlights are needed for public safety.

City Agency: Public Works
Contact Person: Jeff Brown
Agency Phone: 502 574 0065

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.

| | | | |
|------------|---|---------|--------------|
| 8 |  | \$8,500 | Jan 30, 2020 |
| District # | Council Member Signature | Amount | Date |

Approved by: _____
 Appropriations Committee Chairman Date

Clerk's Office & OMB Use Only:

Request Amount: _____ Amended Amount: _____

Reference #: CIF021220PW08C To OMB: _____

_____ Budget Revision #: _____

_____ Account #: _____

_____ To Project

Manager: _____ Completion Date: _____ Actual

Cost: _____ Funds Returned: _____

Department/Project:
Public Works/ Bardstown Road Lighting Assessment

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.

Council Member Signature and Amount

| | | |
|-------------|-------|----------|
| District 1 | _____ | \$ _____ |
| District 2 | _____ | \$ _____ |
| District 3 | _____ | \$ _____ |
| District 4 | _____ | \$ _____ |
| District 5 | _____ | \$ _____ |
| District 6 | _____ | \$ _____ |
| District 7 | _____ | \$ _____ |
| District 8 | _____ | \$ _____ |
| District 9 | _____ | \$ _____ |
| District 10 | _____ | \$ _____ |
| District 11 | _____ | \$ _____ |
| District 12 | _____ | \$ _____ |
| District 13 | _____ | \$ _____ |
| District 14 | _____ | \$ _____ |
| District 15 | _____ | \$ _____ |
| District 16 | _____ | \$ _____ |
| District 17 | _____ | \$ _____ |
| District 18 | _____ | \$ _____ |
| District 19 | _____ | \$ _____ |
| District 20 | _____ | \$ _____ |
| District 21 | _____ | \$ _____ |
| District 22 | _____ | \$ _____ |
| District 23 | _____ | \$ _____ |
| District 24 | _____ | \$ _____ |
| District 25 | _____ | \$ _____ |
| District 26 | _____ | \$ _____ |

NDF, CIF, MAP OR PAV INTERAGENCY CHECKLIST

| | |
|--|------------------|
| Interagency Name: Public Works | |
| Program/Project Name: Bardstown Road Lighting Assessment | |
| | 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. | NA |
| 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. | NA |
| Ordinance Required: Is the NDF request to a Metro Agency greater than \$5,000? If so, an ordinance is required. | Yes |
| 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? | No |
| Supporting Documentation: Does the attachment include a valid estimate and description of cost? | Yes |

Submitted by: _____ Jasmine Weatherby _____

Date: Jan 30, 2020

Weatherby, Jasmine

From: Brown, Jeffrey E
Sent: Monday, January 27, 2020 8:02 AM
To: Coan, Brandon; Weatherby, Jasmine
Subject: FW: Bardstown Baxter lighting study

Here's the quote from the consultant for the lighting study

Jeffrey Brown, PE

From: Bourke, Chad <Chad.Bourke@strand.com>
Sent: Friday, January 24, 2020 2:10 PM
To: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>
Subject: RE: Bardstown Baxter lighting study

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Jeff,

Here is a preliminary scope and fee for this project. Let me know if you need a more formal document and I can get that over to you.

Scope

- Download GIS base file import into CAD
- Obtain approximate location of existing light poles with field visit and building locations from GIS
 - This information will be supplemented with LG&E's inventory to be supplied by Metro
- Perform analysis using AGI software to obtain "worst case" scenario when business lights are off at night
- Supplement this analysis with field data using light meter
 - Will use AGI results to locate potential dark spots and then test these in field. Will not establish grid like we do for stadium lighting.
- Final deliverable would be a brief report with the results of the analysis and a pdf roll plot/CAD file that had approximate locations of proposed light poles
 - Note that we will only provide approximate locations as the poles will likely be located around existing utilities in the field.

Fee - \$8,500

Let me know if you have any questions.

Thanks,

Chad

From: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>
Sent: Tuesday, January 21, 2020 9:02 AM
To: Bourke, Chad <Chad.Bourke@strand.com>
Subject: RE: Bardstown Baxter lighting study

Thank you

Jeffrey Brown, PE

From: Bourke, Chad <Chad.Bourke@strand.com>
Sent: Friday, January 17, 2020 3:30 PM
To: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>
Subject: RE: Bardstown Baxter lighting study

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Jeff,

I wanted to provide you with an update on this project. Our electrical engineers confirmed that we perform these services without the use of a sub and should have a preliminary scope put together early next week. I will reach out when that is complete so we can iron out the details. Have a good weekend!

Thanks,

Chad



Chad Bourke, P.E., PTOE
Strand Associates, Inc.*
502.583.7020 ext 2415
chad.bourke@strand.com | www.strand.com
P.E. (KY)

Excellence in Engineering Since 1946.

From: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>
Sent: Monday, January 13, 2020 12:42 PM
To: Bourke, Chad <Chad.Bourke@strand.com>
Subject: Bardstown Baxter lighting study

Chad,

I probably need to send this one to Strand for a quote, if you can provide this service, since the QK4 engineering services contract is getting ready to expire. Is this something you guys can provide?

Jeffrey Brown, PE
Assistant Director
Metro Public Works & Assets
444 S 5th St, 4th Fl
Louisville, KY 40202

Office 502-574-0065
Cell 502-773-3222
Jeffrey.Brown@LouisvilleKY.gov

From: Springer, Tom <tspringer@qk4.com>
Sent: Wednesday, January 8, 2020 2:12 PM
To: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>; Martin, Rob <rmartin@qk4.com>
Subject: RE: Bardstown Baxter lighting study

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Kind of, but it would be in Metro's best interest to use a firm that is prequalified for such things by KYTC since this is a KYTC-maintained federal route, and they will definitely want to review these plans.

We often partner with KLH Engineers, who are out of Northern KY, and has the KYTC prequalification for lighting and electrical stuff. Their main lighting guy lives in Louisville. KYTC, FHWA, and LG&E will want an expert with a light meter that is calibrated to measure footcandles, especially since most of the street lighting along the corridor comes from the inside of businesses and shined out onto the sidewalk and parking areas.

With regards to contracting, Qk4's Metro GEC contract expires on February 20. That would allow you to get this work done within the six-week time frame you mentioned in the emails below.

I would be glad to set up a meeting with you and KLH so we can scope this and get you a fee estimate. Just let me know what works for you.

Thanks, Tom

From: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>
Sent: Tuesday, January 7, 2020 8:30 AM
To: Springer, Tom <tspringer@qk4.com>; Martin, Rob <rmartin@qk4.com>
Subject: FW: Bardstown Baxter lighting study

Can you guys conduct a lighting assessment and make recommendations?

Jeffrey Brown, PE

From: Coan, Brandon <Brandon.Coan@louisvilleky.gov>
Sent: Monday, January 6, 2020 3:31 PM
To: Gowin, Dirk L <Dirk.Gowin@louisvilleky.gov>; Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>; OBrien, Jeff <Jeff.OBrien@louisvilleky.gov>; Stepro, Scott D <Scott.Stepro@louisvilleky.gov>
Cc: Weatherby, Jasmine <Jasmine.Weatherby@louisvilleky.gov>
Subject: RE: Bardstown Baxter lighting study

Can you guys identify locations where new streetlights are needed w/in the Bardstown Road study area or no? If not, can you find a vendor to do an "enhanced lighting study" (as per the recommendation) and I'll pay for it? Thanks you!

SBC

From: Gowin, Dirk L <Dirk.Gowin@louisvilleky.gov>
Sent: Monday, December 16, 2019 2:28 PM
To: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>; OBrien, Jeff <Jeff.OBrien@louisvilleky.gov>; Stepro, Scott D <Scott.Stepro@louisvilleky.gov>
Cc: Coan, Brandon <Brandon.Coan@louisvilleky.gov>; Weatherby, Jasmine <Jasmine.Weatherby@louisvilleky.gov>
Subject: RE: Bardstown Baxter lighting study

We can purchase a light meter for less than \$200. There are also light meter apps for a few dollars intended for use by photographers. This may be an option but I haven't used any. Maybe we can use the phone gps for locations???

Dirk

502.574.5925

From: Brown, Jeffrey E <Jeffrey.Brown@louisvilleky.gov>
Sent: Monday, December 16, 2019 12:52 PM
To: Gowin, Dirk L <Dirk.Gowin@louisvilleky.gov>; OBrien, Jeff <Jeff.OBrien@louisvilleky.gov>
Cc: Coan, Brandon <Brandon.Coan@louisvilleky.gov>; Weatherby, Jasmine <Jasmine.Weatherby@louisvilleky.gov>
Subject: Bardstown Baxter lighting study

One of the recommendations out of the safety plan is to improve lighting throughout with a high priority on the north section. CM Coan has some funding available to add LGE street lights but we need an evaluation to find the dark spots before approaching LGE for a contract. LGE will not provide an assessment for us. Do you think this is something we can tackle in-house over the next 6 weeks?

Jeffrey Brown, PE
Assistant Director
Metro Public Works & Assets
444 S 5th St, 4th Fl
Louisville, KY 40202
Office 502-574-0065
Cell 502-773-3222
Jeffrey.Brown@LouisvilleKY.gov

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