

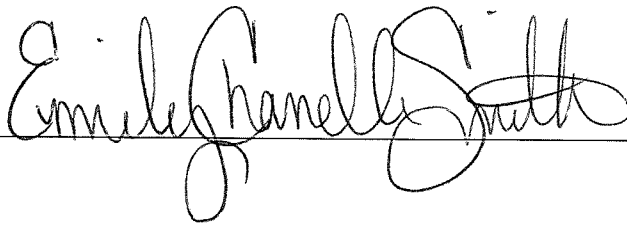
NDF, CIF, MAP OR PAV INTERAGENCY CHECKLIST

Interagency Name: Public Works

Program/Project Name: Study of the widening of Shelbyville Rd.

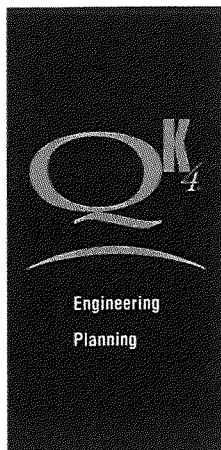
	Yes/No/NA
Request Form: Is the Request Signed by all Council Member(s) Appropriating Funding?	YES
Request Form: If matching funds are to be used, are they disclosed with account numbers in the request form description?	NA
Request Form: If matching funds are to be used, does the amount of the request 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.	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: _____

1-2-17



1046 E. Chestnut Street
Louisville, Kentucky
40204
502-585-2222
www.qk4.com

*Yes, I want to pay
and move forward
with this study.*

X Julie C. Eubank

December 1, 2017

Mr. Dirk Gowin, PE, PLS
Louisville Metro Public Works
444 South Fifth Street
Suite 400
Louisville, Kentucky 40202

**Shelbyville Road (US 60)
Widening MP 14.7 – MP 15.1
Contract #314578**

Dear Mr. Gowin:

Submitted herewith is our fee proposal for the referenced project.

Project Description

Provide plans for widening of Shelbyville Road (US 60) between Spring Drive and Rockcrest Way (approx. 0.4 miles). The road is classified as a Minor Arterial and has a posted speed limit of 45 MPH. Attachment 1 shows the Left Turn Lane Warrants for the turn lane at Johnson Road (KY 1531) and the desired length of 220 feet (based on a 2035 design year). When considering turn lane and widening tapers, closing the gap between the 3 lane sections at Spring and Rockcrest provides a consistent roadway width thru this section. Plans will be utilized for Right of Way acquisition, utility relocation and construction plans pending geotechnical recommendations. Approximately 1,000 feet of Johnson Road would need to be reconstructed because of grade issues. Plans will be developed at 20 scale with cross sections every 50 feet.

Attachment 2 shows a location map and photos of existing conditions.

Engineering and Environmental Services

- Survey – control, utility location, drainage, property and pavement elevations.
- Geometric and Drainage Design
- Environment Document – CE-1 anticipated
- Property Impacts and Cost



Mr. Dirk Gowin, PE, PLS
December 1, 2017
Page 2

- Utility Impacts and Cost
- Construction Cost Estimate
- Public Involvement – one presentation to Eastwood Village Council.
- Meetings – one project team, two miscellaneous, and one KYTC coordination are estimated.

Note: Geotechnical investigation not included at this time.

Schedule

Based on an estimated Notice to Proceed of January 8, 2018, the following is a schedule for completing the project:

Survey Complete	February 22, 2018
Preliminary Layout	March 17, 2018
Project Team Meeting	March 30, 2018
Environmental Submittal	April 30, 2018
Environmental Approval	May 31, 2018
Final Submittal	May 31, 2018

The fee to accomplish this work under Contract #314578 is \$128,500 and is broken down as follows:

<input type="checkbox"/> Survey	\$14,000
<input type="checkbox"/> Environmental Document – Qk4	\$8,600
<input type="checkbox"/> Environmental Subs (Arch, Historic, Ecology)	\$24,900
<input type="checkbox"/> Road Design	\$78,000
<input type="checkbox"/> Meetings	\$ 3,000
	Total = \$128,500

Let me know if you need additional information or have any questions.

Sincerely,

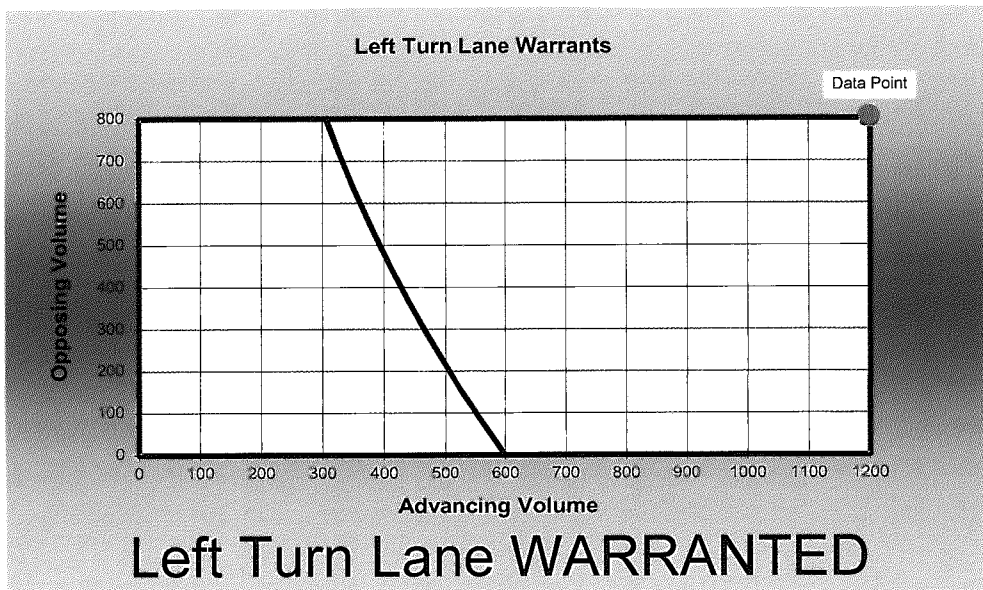
Albert H. Zimmerman, PE
Project Manager

AHZ/cw
Enclosures
File ID: U:\15850 Metro GEC\15850 US 60 Eastwood\Fee Proposal
File No. Cover Letter_Dirk Gowin_20171130.doc

Left Turn Lane Warrants

Input Fields

Left Turn Volume (vph)	140	Speed Limit (mph)	45
Advancing Volume (vph)	1521	No. of through lanes	1
Opposing Volume (vph)	1013	Percent Heavy Vehicles (decimal percent)	0.05



Note: This spreadsheet is intended to supplement the guidance provided in the Auxiliary Turn Lane policy outlined in the KYTC Highway Design Manual. This policy should be fully reviewed and understood prior to using this application.

ATTACHMENT 2

Location Map



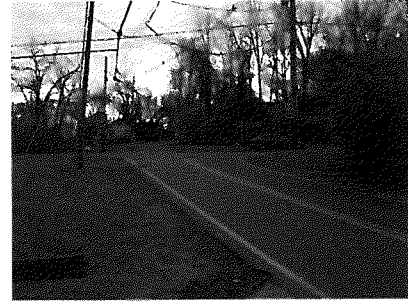
Existing Conditions



Begin Project – US 60
at Spring Drive



EB US 60 before
KY 1531 Intersection



Intersection: US 60/KY 1531



EB US 60 – location of
cross drain (low point)



EB US 60 before
Rockcrest Way



End Project – looking WB

Smith, Chanelle Emily

From: Brown, Jeffrey E
Sent: Wednesday, January 3, 2018 11:18 AM
To: Smith, Chanelle Emily
Cc: Gowin, Dirk L
Subject: RE: US 60 in Eastwood
Attachments: US 60 Eastwood_Fee Proposal_20171201.pdf

Public Works agrees that this project would benefit the public and will manage the study with QK4 after funds have been appropriated and coordinate with KYTC.

Jeffrey Brown, PE

From: Smith, Chanelle Emily
Sent: Wednesday, January 03, 2018 10:56 AM
To: Brown, Jeffrey E
Subject: FW: US 60 in Eastwood

Good Morning Jeff,

Councilwoman Denton will moving forward this study and funding it in its entirety. I know we have spoken about this project several times but I just wanted to touch base again to get written confirmation that you are in agreeance and on board with this study and the need for it.

Thanks so much Jeff and have a wonderful day!

Chanelle



*Chanelle Smith | Legislative Assistant
Office of Councilwoman Julie Denton
601 W. Jefferson Street | Louisville, KY 40202
p: (502) 574-3464 p: (502) 574-1119 f: (502) 574-4501*

From: Gowin, Dirk L
Sent: Monday, December 4, 2017 4:36 PM
To: Denton, Julie
Subject: US 60 in Eastwood

CW Denton,

Attached is the fee estimate from our consultant, Qk4. Please let me know if you would like to authorize funding to initiate design.

Dirk Gowin, PE, PLS, PTOE
502.574.5925