

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

**Primary Sponsor:** Marianne Butler

**Amount:** \$8,500 **Date:** Nov 1, 2016

**Description of program/project including public purpose, additional funding sources, location of project/program and any external grantee(s):**  
 This is a request for continuation of the road reconfiguration for the section to the north of Southern Parkway. Funding includes all aspects of the project.

**City Agency:** Public Works  
**Contact Person:** Dirk Gowin  
**Agency Phone:** 502-574-5925

**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.**

15		\$8,500		Nov 1, 2016
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

<b>Interagency Name:</b> Public Works	
<b>Program/Project Name:</b> Road Reconfiguration Southern Parkway	
	<b>Yes/No/NA</b>
<b>Request Form:</b> Is the Request Signed by all Council Member(s) Appropriating Funding?	Yes
<b>Request Form:</b> If matching funds are to be used, are they disclosed with account numbers in the request form description?	NA
<b>Request Form:</b> If matching funds are to be used, does the amount of the request exclude the matching fund amount?	NA
<b>Request Form:</b> If other funds are to be used for this project, are they disclosed with account numbers in the request form description?	NA
<b>Funding Source:</b> 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
<b>Funding Source:</b> 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
<b>Ordinance Required:</b> Is the NDF request to a Metro Agency greater than \$5,000? If so, an ordinance is required.	No
<b>Ordinance Required:</b> 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
<b>Supporting Documentation:</b> Does the attachment include a valid estimate and description of cost?	Yes

**Submitted by:** \_\_\_\_\_ shughes \_\_\_\_\_

**Date:** Nov 1, 2016

3rd Street  
Road  
Reconfiguration

**Hughes, Susan**

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**From:** Gowin, Dirk L  
**Sent:** Friday, October 21, 2016 4:08 PM  
**To:** Butler, Marianne  
**Cc:** Hughes, Susan  
**Subject:** FW: 3rd Street Road Reconfiguration - Extended Project  
**Attachments:** 3rd Street Road Reconfig\_Southern Height to Southern Pkway\_20161021.pdf

**Follow Up Flag:** Flag for follow up  
**Flag Status:** Flagged

Councilwoman,

You should find this much more digestible.

Dirk L. Gowin, PE, PLS, PTOE  
502.574.5925

-----Original Message-----

From: Zimmerman, Albert [<mailto:AZimmerman@qk4.com>]  
Sent: Friday, October 21, 2016 11:12 AM  
To: Gowin, Dirk L  
Subject: RE: 3rd Street Road Reconfiguration - Extended Project

Dirk,

Attached is our revised fee of \$8,500, which includes scope and fee backup.

The original project was 10,400 ft. The proposed project is 4,400 ft.

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

Thanks,

Albert Zimmerman  
Project Manager  
QK4 - Engineering Planning  
1046 East Chestnut Street, Louisville, KY 40204  
502-585-2222 (719-7891 Direct)  
Cell 502-741-2822  
Fx. 502-566-3058  
[azimmerman@qk4.com](mailto:azimmerman@qk4.com)

-----Original Message-----

From: Gowin, Dirk L [<mailto:Dirk.Gowin@louisvilleky.gov>]

Sent: Friday, October 21, 2016 9:17 AM  
To: Zimmerman, Albert  
Subject: FW: 3rd Street Road Reconfiguration - Extended Project

Albert,

The Councilwoman thinks your price is too high, see below. Please provide an itemized fee.

Dirk L. Gowin, PE, PLS, PTOE  
502.574.5925

-----Original Message-----

From: Butler, Marianne  
Sent: Thursday, October 20, 2016 9:16 PM  
To: Gowin, Dirk L; Hughes, Susan  
Subject: RE: 3rd Street Road Reconfiguration - Extended Project

Dirk - the price is unacceptable. This is the same price that CM Johnson paid for a length of street that is easily 4 times longer in length. Can they submit something more acceptable? Prorated - it should fall between \$5-6k Marianne \_\_\_\_\_

From: Gowin, Dirk L  
Sent: Thursday, October 20, 2016 1:45 PM  
To: Butler, Marianne; Hughes, Susan  
Subject: FW: 3rd Street Road Reconfiguration - Extended Project

Councilwoman,

Qk4 assisted us with the first road diet of S. 3rd Street from the Watterson Expwy south. They prepared the striping plans, hosted the two public meetings (including exhibits), and assisted with resident notification along the corridor. Attached is the fee estimate for the section to the north as well as the public information policy. If your office can fund Qk4, I will provide a notice to proceed with design. I am so glad you wish to extend the diet to the north. BTW, we call it roadway reconfiguration as most folks don't like diets...

Dirk L. Gowin, PE, PLS, PTOE  
502.574.5925

From: Zimmerman, Albert [<mailto:AZimmerman@qk4.com>]  
Sent: Wednesday, April 13, 2016 10:23 AM  
To: Gowin, Dirk L  
Subject: 3rd Street Road Reconfiguration - Extended Project

Dirk,

Terry said you were there when he delivered the board for the southern reconfiguration.

Attached is the fee proposal for the extended project to Southern Parkway.

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

Thanks,

Albert Zimmerman

Project Manager

QK4 - Engineering Planning

1046 East Chestnut Street, Louisville, KY 40204

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[azimmerman@qk4.com](mailto:azimmerman@qk4.com)<mailto:azimmerman@qk4.com>

## 3<sup>rd</sup> Street Road Reconfiguration

### SCOPE AND FEE PROPOSAL

October 21, 2016

#### Background

Project Limits: Southern Heights Avenue to Southern Parkway (4,400 ft.=0.833 mi.).

Existing Roadway: 36' wide; existing grade is <1.0% (approx. 0.5%). Note: at I-264 width is 60'±.

Signalized Intersections:

- W. Southern Heights Avenue
- Watterson Expressway ramp
- W. Whitney Avenue
- Southern Parkway

Sidewalks: Both sides, width varies

Utilities:

- Overhead on Right Side
- Sewers in street
- Waterline on right
- Some street lights within R/W

Existing Curb: not in great shape; however, replacement is not required.

Some Trees in the clear zone.

#### Fee Proposal Assumptions

- Public Involvement: 2 Meetings
- No R/W Impacts: existing R/W is outside existing sidewalk (no change in driveway connections)
- Striping Plan: develop plan (assume pavement is milled and overlay)
- Signal Modification (if necessary): by Metro
- No new curb (i.e. no new drainage inlets) assumed.

#### Schedule (approximate)

- Start Date: 3/1/2017
- End Date: 5/30/2017
- Construct in June 2017

#### Fee

Qk4 will provide engineering and public involvement services for **\$8,500** (back up attached).

**TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAY  
CONSULTING ENGINEERS FEE PROPOSAL**

COUNTY Jefferson DATE 10/21/2016  
PROJECT 3rd Street Road Reconfiguration (Southern Heights to Southern Pkwy)  
UPN \_\_\_\_\_  
FED. NO. \_\_\_\_\_

FEE CONSIDERATIONS	Negotiated	Man Hours	Average Rate	Estimated Cost
<b>1. DESIGN</b>				
SURVEYING		0	\$32.19	\$ -
PRELIMINARY LINE AND GRADE		0	\$50.44	\$ -
UTILITY COORDINATION		0	\$46.24	\$ -
RIGHT OF WAY PLANS		0	\$43.01	\$ -
FINAL PLANS		22	\$43.01	\$ 946
MEETINGS		6	\$46.24	\$ 277
PUBLIC INVOLVEMENT		28	\$56.36	\$ 1,578
QA/QC		0	\$47.60	\$ -
STRUCTURES		0	\$56.36	\$ -
TOTALS		62		\$ 2,802

**LIST OF OTHER DIRECT COSTS**

1.	<u>Direct Costs (See Attached)</u>	<u>\$300</u>
	_____	
	_____	
	Total	\$300
<b>SUBCONSULTANTS</b>		
1.	_____	
	_____	
	_____	
	Total	\$0

TOTAL DIRECT PAYROLL	\$ 2,802
OVERHEAD (170.11%)	\$ 4,766
PROFIT (10%)	\$ 757
SUBCONSULTANTS	\$0
OTHER DIRECT COSTS	\$ 300
<b>COST OF MONEY</b>	
0.41668% X \$2,802	\$ 12
<b>TOTAL PROPOSED FEE</b>	<b>\$ 8,637</b>

**Qk4 Shop Plans**      \_\_\_ hrs. X \$ \_\_\_ X 2.771 X 1.15 =      \$ -

FIRM NAME Qk4, Inc. SIGNATURE Albert H. Zimmerman  
DATE 21-Oct-16 TITLE Albert H. Zimmerman, PE  
Vice President

# PRODUCTION-HOUR WORKSHEET (revised 7/14)

COUNTY <u>Jefferson</u> ROUTE <u>3rd Street Road - Reconfig</u> DESC <u>South Heights to Southern Pkw</u>  ITEM NO. _____	PROJECT TYPE <u>Design</u> CONSULTANT <u>Qk4</u> REVIEWED BY _____ PREPARED BY <u>Albert Zimmerman</u> DATE <u>October 21, 2016</u>
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## FINAL PLAN PREPARATION

No.	ITEM	UNIT	AMOUNT	HRS/UNIT	HOURS
80	Computer setup	LS	1	4	4
81	Update existing topography and terrain model	Mile			0
82	Refine alignments (horizontal & vertical)	Mile			0
83	Develop pavement design	No.			0
84	Finalize templates & transitions	No.			0
85	Develop final roadway model	Mile			0
86	Develop proposed design	Mile	0.8	8	6
87	Generate plan sheets (scale 1" = 20')	Sheet			0
88	Generate profile sheets (scale 1" = 20')	Sheet			0
89	Detail cross sections (scale 1" = 10')	No.			0
90	Design entrances	No.			0
91	Revise roadway plans from soils report	Mile			0
<b>DRAINAGE</b>					
92	Develop pipe sections (< 54")	No.			0
93	Develop drainage system map	Mile			0
94	Develop drainage situation (bridge)	No.			0
95	Develop drainage situation (culvert)	No.			0
96	Develop blue line stream channel change (=> 200')	No.			0
97	Drainage analysis (entrance pipes)	No.			0
98	Drainage analysis (A <= 200 acres)	No.			0
99	Drainage analysis (200 acres < A < 1.0 sq. mile)	No.			0
100	Drainage analysis (A = > 1.0 sq. mile) level 1 analysis	No.			0
101	Drainage analysis (A = > 1.0 sq. mile) level 2 analysis	No.			0
102	Drainage analysis (A = > 1.0 sq. mile) level 3 analysis	No.			0
103	Special drainage studies	No.			0
104	Roadway ditches and channels	Mile			0
105	Develop Erosion Control Plan	Mile			0
106	Inlet spacing calculations	No.			0
107	Storm sewers calculations	No.			0
108	Perform scour analysis	No.			0
109	Assemble preliminary and final drainage folders	LS			0
110	Prepare advanced situation folder - bridge	No.			0
111	Prepare advanced situation folder - culvert	No.			0
<b>DRAINAGE MISCELLANEOUS</b>					
112		LS			0
113					0
114					0
115					0



## PRODUCTION-HOUR WORKSHEET (revised 7/14)

COUNTY <u>Jefferson</u> ROUTE <u>3rd Street Road - Reconfig</u> DESC <u>South Heights to Southern Pkw</u>  ITEM NO. _____	PROJECT TYPE <u>Design</u> CONSULTANT <u>Qk4</u> REVIEWED BY _____ PREPARED BY <u>Albert Zimmerman</u> DATE <u>October 21, 2016</u>
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### FINAL PLAN PREPARATION (Continued)

No.	ITEM	UNIT	AMOUNT	HRS/UNIT	HOURS
116	Prepare layout sheet	LS			0
117	Prepare typical sections	No.			0
118	Prepare Interchange geometric approval	No.			0
119	Prepare intersection geometric approval	No.			0
120	Prepare coordinate control sheet	Mile			0
121	Prepare elevation developments	No.			0
122	Prepare striping plan	No.	1	8	8
123	Calculate final quantities	Mile			0
124	Complete general summary	LS			0
125	Complete paving summary	LS			0
126	Complete drainage summary	LS			0
127	Complete pavement under-drain summary	LS			0
128	Prepare cost estimate	LS			0
129	Plot/print copies of plans	LS	1	4	4
130	Plan revisions	Mile			0
131	Prepare final construction plans submittal	LS			0
<b>MAINTENANCE OF TRAFFIC</b>					
132	Write maintenance of traffic notes (TCP)	LS			0
133	Prepare construction phasing plans	Mile			0
134	Develop diversion plan sheets	Sheet			0
135	Develop diversion profile sheets	Sheet			0
136	Develop diversion cross sections	No.			0
137	Develop temporary drainage	No.			0
<b>FINAL PLANS MISCELLANEOUS</b>					
138	Document available rock quantities	LS			0
139					0
140					0
141					0
142					0
143					0
<b>FINAL PLANS TOTAL</b>					<b>22</b>

# PRODUCTION-HOUR WORKSHEET

(revised 7/14)

COUNTY Jefferson  
 ROUTE 3rd Street Road - Reconfig  
 DESC South Heights to Southern Pkw  
 ITEM NO. \_\_\_\_\_

PROJECT TYPE Design  
 CONSULTANT Qk4  
 REVIEWED BY \_\_\_\_\_  
 PREPARED BY Albert Zimmerman  
 DATE October 21, 2016

## MEETINGS

No.	ITEM	PERSONS	UNIT	AMOUNT	HRS/UNIT	HOURS
150	Prelim. line and grade inspection	2	No.			0
151	Drainage inspection	2	No.			0
152	Final inspection	2	No.	1	2	4
153	Misc. project coordination meetings	1	No.	2	1	2
154	Project team meetings	2	No.			0
<b>MEETINGS MISCELLANEOUS</b>						
155	Value Engineering Study		LS			0
156	Constructability Review		LS			0
<b>MEETINGS TOTAL</b>						<b>6</b>

## PUBLIC INVOLVEMENT

No.	ITEM	PERSONS	UNIT	AMOUNT	HRS/UNIT	HOURS
160	Develop and Maintain Mailing List		LS			0
161	Prepare for Advisory Committee/Officials Meeting		No.			0
162	Attend Advisory Committee/Officials Meeting	2	No.			0
163	Prepare for Public Meetings/Hearings		No.	2	8	16
164	Attend Public Meetings/Hearings	3	No.	2	2	12
165	Prepare and Distribute Newsletter		No.			0
166	Property owner coordination		No.			0
<b>PUBLIC INVOLVEMENT MISCELLANEOUS</b>						
167						0
168						0
169						0
<b>PUBLIC INVOLVEMENT TOTAL</b>						<b>28</b>

## QA/QC

No.	ITEM	PERSONS	UNIT	AMOUNT	HRS/UNIT	HOURS
180	Plan review					0
181	Structure review					0
<b>QA/QC TOTAL</b>						<b>0</b>

CLASSIFICATIONS AND PERCENTAGES FOR DESIGN

COUNTY Jefferson County  
 CONSULTANT Qk4  
 PROJECT 3rd Street Road Reconfiguration

Escalation:  
 rate = 2.01% midpoint: 4/15/2017  
 period = 1.2 Start: 3/1/2017  
 factor = 0.0240 End: 5/30/2017

POSITION	AVG. RATE *	Escalated Rate	Surveying	Line & Grade Plans	Right of Way, Final Plans	Meetings, Public Involvement & Utility Coord	Structures	QA/QC
Principal	\$104.05	\$106.54	\$2.13 2.0%	\$5.33 5.0%	\$0.00 0.0%	\$0.00 0.0%	\$5.33 5.0%	\$5.33 5.0%
Project Manager	\$68.22	\$69.85	\$2.10 3.0%	\$6.99 10.0%	\$17.46 25.0%	\$23.75 34.0%	\$17.46 25.0%	\$6.99 10.0%
Project Engineer	\$55.49	\$56.82	\$0.00 0.0%	\$14.21 25.0%	\$0.00 0.0%	\$0.00 0.0%	\$17.05 30.0%	\$5.68 10.0%
Registered Engineer	\$44.56	\$45.63	\$0.00 0.0%	\$13.69 30.0%	\$0.00 0.0%	\$0.00 0.0%	\$11.41 25.0%	\$15.97 35.0%
CADD Operator	\$33.27	\$34.07	\$1.70 5.0%	\$10.22 30.0%	\$25.55 75.0%	\$22.49 66.0%	\$5.11 15.0%	\$13.63 40.0%
Survey Crew (3-man)	\$28.50	\$29.18	\$26.26 90.0%	\$0.00 0.0%	\$0.00 0.0%	\$0.00 0.0%	\$0.00 0.0%	\$0.00 0.0%
Party Chief \$37.55								
Instrument Man \$29.42								
Rodman \$18.53								
TOTAL			\$32.19 100.0%	\$50.44 100.0%	\$43.01 100.0%	\$46.24 100.0%	\$56.36 100.0%	\$47.60 100.0%

\* Effective Date 2/5/2016

## Direct Cost Summary Qk4

Item	Amount	Unit	Unit Cost	Cost	Totals
<b>Survey</b>					\$0
mileage, 4 wheel drive round trips to Shepherdsville (4 @ 42 miles)		mi	\$0.60	\$0	
meals		Meals	\$30.00	\$0	
computer time @ 5%	0	hours	\$15.00	\$0	
travel time (4 days x 2 person crew x 1 hours/day)		hours	\$40.79	\$0	
(Ave. Rate \$31.38 x 1.3 = \$40.79/hour)					
<b>Preliminary Line &amp; Grade</b>					\$0
computer time @ 75%	0	hours	\$15.00	\$0	
<b>Right of Way Plans/Final Design</b>					\$240
computer time @ 75%	16	hours	\$15.00	\$240	
<b>Structure Design</b>					\$0
computer time @ 75%	0	hours	\$15.00	\$0	
<b>Meetings / Public Involvement</b>					\$60
mileage (0 trips @ 0 miles)		mi	\$0.47	\$0	
computer time @ 10%	4	hours	\$15.00	\$60	
travel time (0 trips *0 hrs per round trip)		hours	\$65.98	\$0	
(Average Rate - from Classification Sheet)					
				Total	<b>\$300</b>

## Hughes, Susan

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**From:** Gowin, Dirk L  
**Sent:** Thursday, October 20, 2016 1:46 PM  
**To:** Butler, Marianne; Hughes, Susan  
**Subject:** FW: 3rd Street Road Reconfiguration - Extended Project  
**Attachments:** 3rd Street Road Reconfiguration Extended\_SCOPE and FEE\_20160413.pdf; Roadway Reconfiguration Public Information Policy.docx

Councilwoman,

Qk4 assisted us with the first road diet of S. 3<sup>rd</sup> Street from the Watterson Expwy south. They prepared the striping plans, hosted the two public meetings (including exhibits), and assisted with resident notification along the corridor. Attached is the fee estimate for the section to the north as well as the public information policy. If your office can fund Qk4, I will provide a notice to proceed with design. I am so glad you wish to extend the diet to the north. BTW, we call it roadway reconfiguration as most folks don't like diets...

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**From:** Zimmerman, Albert [<mailto:AZimmerman@qk4.com>]  
**Sent:** Wednesday, April 13, 2016 10:23 AM  
**To:** Gowin, Dirk L  
**Subject:** 3rd Street Road Reconfiguration - Extended Project

Dirk,

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**Attached is the fee proposal for the extended project to Southern Parkway.**

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