

*1. Administrative Details*

**Proposal Name: Blue River Basin (Dodson) Flood Damage Reduction Modification**

**by Agency: City of Kansas City, Missouri**

**Locations: MO**

**Date Submitted: 09/23/2015**

**Confirmation Number: 67327341-001f-4925-89f7-ff66ade81c8a**

*Supporting Documents*

<b>File Name</b>	<b>Date Uploaded</b>
9A 2016 Clay & Bailey Letter.pdf	09/23/2015
9D Blue River Basin (Dodson) Modification 2016 Request Data Sheet.pdf	09/23/2015
2 Blue River Basin Support Letter.pdf	09/23/2015
9B Labconco Support Letter 091515.pdf	09/23/2015
9C Vance Brothers Support Letter.pdf	09/23/2015

**2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.**

Sponsor	Letter of Support
City of Kansas City, Missouri(Primary)	Our request for Blue River Basin (Dodson Industrial) Flood Damage Reduction Project is modification to authorized total project cost to \$47,000,000 fully funded. We understand our role as the Local Sponsor, will be to provide the 25% cost share of the National Economic Development (NED) Plan in accordance with the Project Cooperation Agreement (PCA) signed on September 18, 2001. We understand that in order to move beyond the current authorized cost, approval of a Post Authorization Change Report (PACR) will be required. Kansas City, Missouri as the Local Sponsor has the financial capabilities to satisfy our obligations under the PCA for the Construction of the Blue River Basin (Dodson Industrial District) Flood Damage Reduction Project at the modified total project cost. The flood threat associated with Blue River is a serious risk to loss of life, as well as, a severe economic impact to the area. Safe access to the surrounding major commercial and industrial centers, and connecting highways are frequently blocked. Flood risk reduction benefits in the Dodson Industrial area for the 1,500 employees working in a public works facility and 30 commercial/light industrial firms with total property investment of nearly \$380,000,000 cannot be realized without the modification to complete the project. We desire to move forward with the recommended project as expeditiously as possible.

**3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.**

[x] Modification to an Authorized USACE Project : Blue River Basin (Dodson) Flood Damage Reduction Project

***4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.***

Dodson Industrial District is located along the Blue River in the south-central portion of Kansas City, Missouri, and subject to frequent flooding, with serious floods having occurred in 1928, 1944, 1951, 1961 & 1990; and less severe floods in 1958, 1977 & 1984. National Economic Development (NED) Plan provides for a 500-year levee and gate system, comprised of a 6,800 foot long levee-floodwall along the north bank of the Blue River from the Bannister Road Federal Complex upstream to the Bruce R. Watkins Memorial Drive (Hwy 71) downstream. Phase 1 and 2 construction completed, 900 lineal feet of floodwall and utility relocations. Phase 3 construction completed, 500 lineal feet of levee and modifications of two major 96-inch diameter sewers, gatewells, outlet structures, hauling and disposal of excavated material, earthen embankments, slope protection and access roads. Phase 4A site prep work completed 2012. Design of the final Phase is near completion bringing the project to the 902 limit. Authorization to complete the project at an estimated \$47,000,000 in order to provide safe access to the surrounding major commercial and industrial centers, and connecting highways that are frequently blocked without the project. Cost increases have occurred due to unforeseen site conditions that include trash in the soil planned for fill causing higher disposal costs and fill dirt hauling costs not anticipated and an unusual rainy season during 96 inch sewer line relocation. A Post Authorization Change Report has been submitted to Corps Headquarters by the Northwestern Division for consideration.

5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

	Federal	Non-Federal	Total
<b>Study</b>	\$1,000,000	\$1,000,000	\$2,000,000
<b>Construction</b>	\$11,300,000	\$3,700,000	\$15,000,000

**Explanation (if necessary)**

Authorized Total Project cost is approximately \$32 million. Estimated Total Project Cost is approximately \$47 million. The cost increase is \$15 million at \$11.3 M Federal/\$3.7M Non-Federal Sponsor cost share. Cost increases have occurred due to unforeseen site conditions that include trash in the soil planned for fill causing higher disposal costs and fill dirt hauling costs not anticipated and an unusual rainy season during 96 inch sewer line relocation.

***6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.***

Dodson Industrial District is located along the Blue River in the south-central portion of Kansas City, Missouri, and subject to frequent flooding, with serious floods having occurred in 1928, 1944, 1951, 1961 & 1990; and less severe floods in 1958, 1977 & 1984. The City has been working aggressively to honor our commitments on this project and to support it moving forward in the most expeditious manner possible in order that this flood protection, which is essential to our having safe emergency access to a large portion of the City south of the Missouri River during flooding situations, can be maintained via access from the newly completed midtown expressway known as Bruce R. Watkins Drive. Over \$144 M in investments and development creating 1,000 jobs has occurred since the PCA was signed providing a promise of protection to keep industry thriving. The project will provide flood risk reduction in the Dodson Industrial area with total property investment nearly \$380,000,000, made up of a public works facility and 30 commercial/light industrial firms, employing 1,500 people. The project will also provide safe access to the surrounding major commercial and industrial centers, and connecting highways that are frequently blocked without the project.

**7. Does local support exist? If 'Yes', describe the local support for the proposal.**

Yes

### **Local Support Description**

The City of Kansas City, Missouri is submitting this request as the Non-Federal Sponsor. Letters of support are also provided by Clay and Bailey and Labconco. Additional project supporters are as follows: Blue River Watershed Association (BRWA), Blue Valley Association (BVA), Country Club Tree Service, Dodson Industrial District Association, Economic Development Corporation (EDC), Jackson County Parks and Recreation, Kansas City Industrial Council (KCIC), Kissick Construction Co., The BRATTON Corporation, Permacel Automotive, Merit Packaging Inc., MOARC, Electrical Materials Co., Alber Electric Co., BSC Steel, Inc.

**8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?**

Yes

# Primary Sponsor Letter of Support

(As uploaded)

**2 Blue River Basin Support Letter.pdf**



## KANSAS CITY WATER SERVICES

OFFICE OF THE DIRECTOR

4800 E. 63rd Street  
Kansas City, MO 64130

P: 816-513-0504 F: 816-513-0185

September 22, 2015

U.S. Army Corps of Engineers  
Attn: CECW-CE (Lisa Kiefel)  
441 G Street NW.  
Washington DC 20314-1000.

RE: Request for Blue River Basin (Dodson Industrial District) Flood Damage Reduction Modification for Inclusion in the February 2016 U.S. Army Corps of Engineers Annual Report to Congress on Future Water Resources Development Per Section 7001 of WRRDA 2014

Attention: Ms. Lisa Kiefel:

In response to the U.S. Army Corps of Engineers Request for Proposals, the City of Kansas City, Missouri requests the Blue River Basin (Dodson Industrial District) Flood Damage Reduction Project Modification approval be included in the February 2016 U.S. Army Corps of Engineers Annual Report to Congress on Future Water Resources Development, Per Section 7001 of WRRDA 2014.

Our request for Blue River Basin (Dodson Industrial) Flood Damage Reduction Project is modification to authorized total project cost to \$47,000,000 fully funded.

We understand our role as the Local Sponsor, will be to provide the 25% cost share of the National Economic Development (NED) Plan in accordance with the Project Cooperation Agreement (PCA) signed on September 18, 2001. We understand that in order to move beyond the current authorized cost, approval of a Post Authorization Change Report (PACR) will be required.

Kansas City, Missouri as the Local Sponsor has the financial capabilities to satisfy our obligations under the PCA for the Construction of the Blue River Basin (Dodson Industrial District) Flood Damage Reduction Project at the modified total project cost.

The flood threat associated with Blue River is a serious risk to loss of life, as well as, a severe economic impact to the area. Safe access to the surrounding major commercial and industrial centers, and connecting highways are frequently blocked. Flood risk reduction benefits in the Dodson Industrial area for the 1,500 employees working in a public works facility and 30 commercial/light industrial firms with total property investment of nearly \$380,000,000 cannot be realized without the modification to complete the project. We desire to move forward with the recommended project as expeditiously as possible.

We look forward to your favorable review and inclusion in the U.S. Army Corps of Engineers  
2016 Annual Report.

Sincerely,

A handwritten signature in blue ink, appearing to read "Terry Leeds".

Terry Leeds, Director

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**9A 2016 Clay & Bailey Letter.pdf**



A CENTURY'S WORTH OF INNOVATION

## *Clay and Bailey Mfg. Co.*

6401 E. 40<sup>TH</sup> Street  
Kansas City, MO 64129

816-924-3900  
[www.claybailey.com](http://www.claybailey.com)

September 14, 2015

RE: Swope Park Industrial Area and Blue River Basin Projects, Kansas City, Missouri  
Request for Modifications.

On behalf of the 50 employees of Clay & Bailey Manufacturing Company, I am requesting that you support the City of Kansas City, Missouri's request for modification for the Swope Park Industrial Area total project cost to \$32,000,000 fully funded and for the Blue River Basin total project cost to \$47,000,000 fully funded in order to continue the projects serving the Kansas City District.

Our company, like many others in the valley, were "high & dry" in the record floods of 1961 and 1977. However, because of the residential and commercial developments of the upper Blue River basin in the State of Kansas, along with their paved parking lots and new storm sewer systems, we had 5 feet of water in our plant in 1990. The \$1.5 million dollars in damages almost closed us down.

The Blue River flows through the industrial heart of Kansas City with most of the lower stretch in the Enterprise Zone. Increased flooding over the years has forced many industries to abandon the valley. Delaying the Blue River projects will cause more companies to move out of the valley either because they see the risk as unacceptable or a flood that should have been prevented washes them away. Likewise redevelopment of abandoned properties continues to be delayed.

Meanwhile, remediation and redevelopment in the areas where the projects are complete has been tremendous. Hundreds of millions of dollars of private money has already been expended to recover the abandoned industrial properties providing jobs and tax dollars.

These are economically sound projects with positive benefit to cost ratios. Again we urge you to support the modification requests necessary to complete the projects.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Patrick', written over a white background.

John R. Patrick, President

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**9A 2016 Clay & Bailey Letter.pdf**



A CENTURY'S WORTH OF INNOVATION

## *Clay and Bailey Mfg. Co.*

6401 E. 40<sup>TH</sup> Street  
Kansas City, MO 64129

816-924-3900  
[www.claybailey.com](http://www.claybailey.com)

September 14, 2015

RE: Swope Park Industrial Area and Blue River Basin Projects, Kansas City, Missouri  
Request for Modifications.

On behalf of the 50 employees of Clay & Bailey Manufacturing Company, I am requesting that you support the City of Kansas City, Missouri's request for modification for the Swope Park Industrial Area total project cost to \$32,000,000 fully funded and for the Blue River Basin total project cost to \$47,000,000 fully funded in order to continue the projects serving the Kansas City District.

Our company, like many others in the valley, were "high & dry" in the record floods of 1961 and 1977. However, because of the residential and commercial developments of the upper Blue River basin in the State of Kansas, along with their paved parking lots and new storm sewer systems, we had 5 feet of water in our plant in 1990. The \$1.5 million dollars in damages almost closed us down.

The Blue River flows through the industrial heart of Kansas City with most of the lower stretch in the Enterprise Zone. Increased flooding over the years has forced many industries to abandon the valley. Delaying the Blue River projects will cause more companies to move out of the valley either because they see the risk as unacceptable or a flood that should have been prevented washes them away. Likewise redevelopment of abandoned properties continues to be delayed.

Meanwhile, remediation and redevelopment in the areas where the projects are complete has been tremendous. Hundreds of millions of dollars of private money has already been expended to recover the abandoned industrial properties providing jobs and tax dollars.

These are economically sound projects with positive benefit to cost ratios. Again we urge you to support the modification requests necessary to complete the projects.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Patrick', written over a white background.

John R. Patrick, President

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**9B Labconco Support Letter 091515.pdf**



Protecting your  
laboratory environment

**LABCONCO**<sup>®</sup>

LABCONCO CORPORATION  
8811 Prospect Avenue  
Kansas City, MO 64132-2696

(816) 333-8811 • (800) 821-5525  
FAX: (816) 363-0130  
www.labconco.com

September 15, 2015

RE: Blue River Basin  
Kansas City, Missouri

Dear Honorable Members of Congress:

On behalf of Labconco Corporation's 200 employees who work each day in our 8811 Prospect Avenue production and corporate headquarters facility, we are requesting your support to fund the completion of the Big Blue River Basin Levee and Flood Wall System. Labconco's primary facilities are located within the Dodson Industrial District. The entire District desperately needs protection from floods of the Little Blue River. The flooding of the river has increased over the last several years, causing considerable damage to businesses in the Dodson District. There have been significant economic losses with businesses, roads and utilities shut down throughout the years due to these floods.

During recent years, Labconco has invested heavily in our Prospect Avenue location, including a 41,000 square foot expansion of our production facility at a cost of nearly \$2 million plus substantial additional investment in new equipment and other facility upgrades designed to support current and future growth in our production requirements. Labconco produces high quality laboratory equipment which is used in research and development on a global basis. Currently, over 30% of our sales are exported to customers outside the United States. Labconco has operated at this location for over 50 years and has witnessed the impact of flooding in this area. Further, because of the continued substantial risk of flooding, we incur significant additional costs including incremental construction costs and operating expenses (flood insurance and other costs) which adversely impact our ability to be competitive in domestic and global markets.

We believe the current state of the river basin has a direct impact on the economic viability of our property and the future industrial development in this area. We are asking for appropriations to complete the upgrade of flood protection in the Dodson Industrial District, to protect our substantial investment in the area and to provide for future investments in this industrial district. Businesses have made significant investment in this area and economic growth will continue if the project is completed. In addition to Labconco, many other companies have invested since the project started years ago on the faith that the project would be completed. With only a portion of the floodwall finished, the investment to date has no value and might actually increase the risk of loss to our property due to our close proximity to the unfinished portion of the levee and flood wall system. Please honor your commitment to Dodson and finish the Blue River Basin project.



Protecting your  
laboratory environment

**LABCONCO**<sup>®</sup>

LABCONCO CORPORATION  
8811 Prospect Avenue  
Kansas City, MO 64132-2696

(816) 333-8811 • (800) 821-5525  
FAX: (816) 363-0130  
www.labconco.com

As you look ahead to the 2016 budget, we are requesting completion of the flood protection project. Our area has been able to fund and construct part of the project, and we are asking that Congress continue your commitment to fund the Blue River Basin project through its completion. We believe completion of this project is vital to protecting the economic viability of the Dodson Industrial District.

Sincerely,  
LABCONCO CORPORATION

Stephen E. Gound  
Chairman

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**9C Vance Brothers Support Letter.pdf**

September 23, 2015

Honorable Members of Congress,

I am writing to urge you to provide funding for very important levy and waterways projects here in the Kansas City metro area. Included in these projects are two that directly impact the business community along the Blue River in the urban core of east Kansas City.

The Swope Park Industrial and Dodson Industrial areas both have flood control projects in progress that when completed, will provide much needed flood protection as well as safeguard private business investments and manufacturing jobs.

Our business is downstream from those two areas. The lower section of the Blue River has already undergone flood mitigation over the past thirty years, of which we are now reaping the rewards. This has enabled us to more freely invest in our business, increasing the number of good jobs and increasing the tax base of our local economy.

Businesses in Swope and Dodson can enjoy those same benefits if their respective projects can be brought to completion.

Therefore, I urge you to support funding to finish the flood control projects in the Swope and Dodson Industrial areas, which will result in further investment, job growth and further urban renewal in east Kansas City.

Sincerely,



Tim Vance  
President



phone: 800.821.8549 ▼ 816.923.4325 fax: 816.923.6472 web: [vancebrothers.com](http://vancebrothers.com)

5201 Brighton ▼ Kansas City, Missouri ▼ 64130

# Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

**9D Blue River Basin (Dodson) Modification 2016 Request Data  
Sheet.pdf**

# **BLUE RIVER BASIN (Dodson Industrial District) Kansas City, Missouri**

## **NON-FEDERAL SPONSORS**

The Non-Federal Sponsor is the City of Kansas City, Missouri per the Project Cooperation Agreement dated September 18, 2001. The Non-Federal Sponsor has the financial capability to support this request.

## **MODIFICATION REQUEST**

Modification to the authorized total project cost is requested to \$47,000,000 fully funded in order to complete the authorized project. Unforeseen site conditions that include trash in the soil planned for fill causing higher disposal costs and fill dirt hauling costs not anticipated and an unusual rainy season during 96 inch sewer line relocation. A Post Authorization Change Report has been submitted to Corps Headquarters by the Northwestern Division for consideration.

## **PROJECT PURPOSE**

Dodson Industrial District is located along the Blue River in the south-central portion of Kansas City, Missouri, and subject to frequent flooding, with serious floods having occurred in 1928, 1944, 1951, 1961 & 1990; and less severe floods in 1958, 1977 & 1984. National Economic Development (NED) Plan provides for a 500-year levee and gate system, comprised of a 6,800 foot long levee-floodwall along the north bank of the Blue River from the Bannister Road Federal Complex upstream to the Bruce R. Watkins Memorial Drive (Hwy 71) downstream.

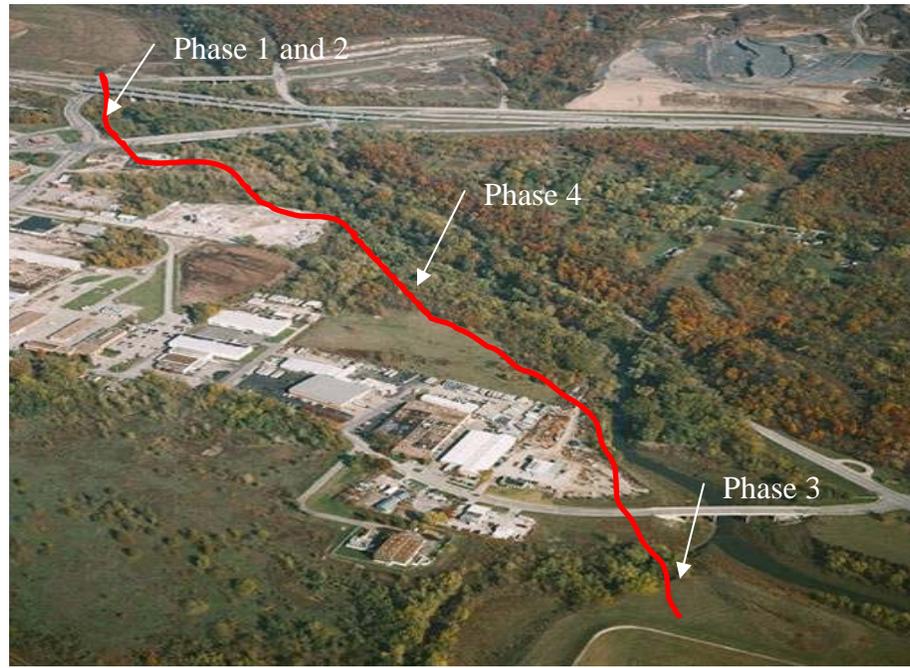
The City has been working aggressively to honor our commitments on this project and to support it moving forward in the most expeditious manner possible in order that this flood protection, which is essential to our having safe emergency access to a large portion of the City south of the Missouri River during flooding situations, can be maintained via access from the newly completed midtown expressway known as Bruce R. Watkins Drive. Over \$144M in investments and development creating 1,000 jobs has occurred since the PCA was signed providing a promise of protection to keep industry thriving.

Final Feasibility Report was published in February 1996, the project was authorized in the 1996 Water Resources & Development Act (WRDA). New construction start appropriation was received in FY2001 Energy & Water Appropriations Bill, and construction which began in September 2003, can be completed in 2017 if this authorization request is provided.

Phase 1 and 2 construction completed, 900 lineal feet of floodwall and utility relocations. Phase 3 construction completed, 500 lineal feet of levee and modifications of two major 96-inch diameter sewers, gatewells, outlet structures, hauling and disposal of excavated material, earthen embankments, slope protection and access roads. Phase 4A site prep work completed 2012. Design of the final Phase is near completion.

## **PROJECT BENEFITS**

Flood risk reduction in the Dodson Industrial area with total property investment nearly \$380,000,000, made up of a public works facility and 30 commercial/light industrial firms, employing 1,500 people. Safe access to the surrounding major commercial and industrial centers, and connecting highways that are frequently blocked without the project.



### **PROJECT BENEFITS**

Flood risk reduction in the Dodson Industrial area with total property investment nearly \$380,000,000, made up of a public works facility and 30 commercial/light industrial firms, employing 1,500 people. Safe access to the surrounding major commercial and industrial centers, and connecting highways that are frequently blocked without the project.



Phase 3 Dodson Industrial  
Levee completed May 2010.

### **STAKEHOLDERS/SUPPORTERS**

The City of Kansas City, Missouri is submitting this request as the Non-Federal Sponsor. Letters of support are also provided by Clay and Bailey, Labconco and Vance Brothers. Additional project supporters are as follows: Blue River Watershed Association (BRWA), Blue Valley Association (BVA), Country Club Tree Service, Dodson Industrial District Association, Economic Development Corporation (EDC), Jackson County Parks and Recreation, Kansas City Industrial Council (KCIC), Kissick Construction Co., The BRATTON Corporation, Permacel Automotive, Merit Packaging Inc., MOARC, Electrical Materials Co., Alber Electric Co., BSC Steel, Inc.