



**REQUEST FOR COMMISSION ACTION**  
**CITY OF INDEPENDENCE**  
**July 23, 2020**

**Department** Public Works - Street

**Director Approval** Mike Passauer

**AGENDA ITEM** Consider authorizing applying for a grant to replace the Cherry Street Bridge under KDOT's Off-System Bridge Program.

**SUMMARY RECOMMENDATION** Authorize the application.

**BACKGROUND** On July 13, 2020 the City received notification about a potential grant program under their Off-System Bridge Program. The deadline to apply is August 31, 2020. Staff met with TranSystems and discussed the potential of applying for replacement of the Cherry Street Bridge. This bridge was constructed in 1930, and in 2011 the City applied for a grant to replace this bridge and the grant was not received. This bridge is part of the Whiskey Creek drainage system and replacement of this bridge represents an opportunity to address another section of this tributary.

As indicated in the attached notification, this is a Federal Program and the participation will be 80 percent (80%) federal (up to \$1M) and 20 percent (20%) local for Construction and Construction Engineering. The local agency will be responsible for any Construction and Construction Engineering cost over the \$1M maximum as well as 100 percent (100%) of the design, right of way acquisition, utility relocation, and any non-participating cost.

**BUDGET IMPACT** The grant is for Federal Fiscal Year 2022, which begins October 1, 2021. If awarded, the City's share of this grant, estimated at \$111,798, would be funded from the Special Use Sales Tax – Street and Sidewalks Fund and Economic Development/Transportation Fund.

**SUGGESTED MOTION** I move to authorize applying for a grant to replace the Cherry Street Bridge under KDOT's Off-System Bridge Program.

**SUPPORTING DOCUMENTS**

1. KDOT Notification of the Off-System Bridge Program – Federal Fiscal Year 2022
2. Off-System Bridge Application
3. Cost Estimate
4. Aerial

Dwight D. Eisenhower State Office Building  
700 S.W. Harrison Street  
Topeka, KS 66603-3745

Julie L. Lorenz, Secretary  
Michael J. Stringer, P.E., Chief



Phone: 785-296-3861  
Fax: 785-296-6946  
kdot#publicinfo@ks.gov  
<http://www.ksdot.org>  
Laura Kelly, Governor

BLP Memo 20-04

DATE: 7/13/2020

MEMO TO: County Engineers/City Engineers/Road Supervisors/Highway Administrators/Public Works Directors and Consultants

FROM: Michael J. Stringer, P.E., Chief  
Bureau of Local Projects

SUBJECT: OFF-SYSTEM BRIDGE PROGRAM - FEDERAL FISCAL YEAR 2022

The Kansas Department of Transportation (KDOT) is issuing a call for projects for its Off-System Bridge Program. Projects selected will be programmed for letting in Federal Fiscal Year (FFY) 2022, which begins October 1, 2021.

Federal law and regulations require that a specific portion of a state's apportionment of Surface Transportation Program (STP) funds be used for replacement or rehabilitation of eligible bridges located on roads that are not on the federal-aid system. To comply with this requirement, KDOT has established the Off-System Bridge Program. The federal funds for this program, approximately \$8 million annually, are set aside prior to distribution of the remaining apportionment to Local Public Agencies (LPAs). KDOT will cap the federal funds awarded for this program at one million dollars per project. The program is competitive, and funds are awarded through an application process. Projects will be selected for the FFY 2022 program from the applications received from this announcement.

#### **ELIGIBILITY**

- The bridge must be located on a road functionally classified as a rural minor collector, rural local, or urban local.
- The bridge must have a current NBI inspection report.

**PARTICIPATION** - This is a Federal Program and the participation will be 80 percent (80%) federal (up to \$1M) and 20 percent (20%) local for Construction and Construction Engineering. The local agency will be responsible for any Construction and Construction Engineering cost over the \$1M maximum as well as 100 percent (100%) of the design, right of way acquisition, utility relocation, and any non-participating cost.

This program information is also available in the *Local Program Opportunities Guide* located at <http://www.ksdot.org/Assets/wwwksdotorg/bureaus/burLocalProj/BLPDocuments/LPOGuide.pdf>.

## LOW-COST BRIDGE OPTIONS

- 1) Low-cost bridge design options will be allowed if the following conditions are met:
  - The bridge is located on a road functionally classified as a Local Road.
  - Traffic volume is less than or equal to 100 vpd.
  - The approach roadway is a two-wheel path road.
  - Roadway surface on approaches is gravel, sand or dirt.
  - Maximum length of bridge is 100 feet.
  - The new structure shall be no less than 24 ft. wide
  - Bridge is not located on or adjacent to a curve or intersection.
  - A Type 3 object marker shall be installed at each end of the bridge rails.
  
- 2) Local Projects Low-Cost Bridge Standards are available for download at <https://kart.ksdot.org/>

**PROCEDURE** - Interested Officials may submit an application to the Bureau of Local Projects for consideration for the Off-System Bridge Program. To be considered for a FFY 2022 Off-System Bridge Project you must adhere to the following procedures:

- Completely fill out the attached Application form. Form is also available on-line at: <http://www.ksdot.org/Assets/wwwksdotorg/bureaus/burLocalProj/BLPDocuments/1332%20Application.xlsx>
- Attach a map of the location.
- Submit all documents by the **August 31, 2020** deadline.

**TIME AND CYCLE** - Proposals for the FFY 2022 program must be submitted to the Kansas Department of Transportation and postmarked by **August 31, 2020**. Submissions will be accepted electronically at [KDOTEPlans@ks.gov](mailto:KDOTEPlans@ks.gov) or by mail at KDOT, 700 SW Harrison St, Bureau of Local Projects, 3rd Floor West, Topeka, KS 66603-3745. We anticipate the announcement of the approved projects by the end of September 2020. After this announcement, the LPAs will be required to process a Request for Construction Project (KDOT Form 1302). A schedule will be developed after receipt of the KDOT Form 1302 in order to advance the project to a timely bid letting.

**CONTACT PERSON** - If further information is needed to complete the application, please contact either:

- Colby Farlow at (785) 296-3861 or by email at: [Colby.Farlow@ks.gov](mailto:Colby.Farlow@ks.gov) or
- Kent Anschutz at (785) 296-3861 or by email at: [Kent.Anschutz@ks.gov](mailto:Kent.Anschutz@ks.gov)

Sincerely,



Michael J. Stringer, P.E., Chief  
Bureau of Local Projects

c: Director, Division of Engineering and Design  
Kansas Association of Counties  
League of Kansas Municipalities

KANSAS DEPARTMENT OF TRANSPORTATION - BUREAU OF LOCAL PROJECTS

**OFF-SYSTEM BRIDGE PROGRAM APPLICATION**

Program Fiscal Year:	2022
Submittal Date:	July, 2020

**1. General Applicant Information:**

Name of Local Public Agency (LPA):	City of Independence, Kansas
County of Project Location:	Montgomery
Primary Contact Name and Title: (should be an elected official or employee of LPA)	Kelly Passauer
Contact Address:	811 West Laurel Street
Phone Number:	620 332 2500
Email Address:	<a href="mailto:kellyp@independencesks.gov">kellyp@independencesks.gov</a>

**2. Project location and Description:**

NBI (15 digit) Structure Number:	513550530000827
LPA Bridge ID:	Cherry Street Bridge
Functional Classification:	Rural Local
Alternate Route Length (miles):	2.5 Miles
Estimated Average Daily Traffic (ADT):	25
Perecent ADT Comprised of Heavy Trucks: (School buses, tractor trailers, trash trucks, etc.)	10%
Project Length (miles):	0.1
Is the replacement bridge a Low-Cost Bridge:	No
Are multiple Off-System Bridge Applications being submitted? If so, prioritize this application (Example: 1 of 3)	No

**Answer yes or no to each of the following about the current bridge.**

Fracture Critical:	No	NBI Item 70 is At/Above Legal Loads:	No
Shoo-fly detour:	No	Cribbed:	No
On a dead end road: (only one way in and out)	No	Closed:	No

**Project Location:**

Cherry Street Bridge Crossing Whiskey Creek in Independence, Kansas

**OFF-SYSTEM BRIDGE PROGRAM APPLICATION**

<b>Project Scope and Justification (explain why the bridge is a priority for the LPA):</b>	
Bridge rating is 33. Bridge is due for full replacement due to condition. It is proposed to replace existing structure with a larger box culvert. The existing structure is in poor condition and is often overtopped.	

**3. Project Cost**

<b>Project Cost Estimate</b>				
	<i>Participating</i>		<i>Non-Participating</i>	<i>Total</i>
CE (Inspection)	\$ 42,000.00			\$ 42,000.00
Construction Total	\$ 280,000.00	\$ -		\$ 280,000.00
Bridge	\$ 185,000.00	\$ -		\$ 185,000.00
Grading	\$ 95,000.00	\$ -		\$ 95,000.00
Inflation Amount at 4.5% / year	\$ 61,991.00	\$ -		\$ 61,991.00
<b>Total Estimated Project Cost</b>	<b>\$ 383,991.00</b>	<b>\$ -</b>		<b>\$ 383,991.00</b>
<b>Program Maximum Award: \$ 1,000,000.00</b>				
Local Share Percentage: 20%		KDOT Share Percentage: 80%		
Local Match ( 20% )	\$ 76,798.20			
Local Match over the Max	\$ -			
<b>Total Local Share</b>	<b>\$ 76,798.20</b>			
<b>Total Requested from KDOT</b>	<b>\$ 307,192.80</b>			

**4. Coordination**

<b>Coordination Information:</b>
Describe any known KDOT or other projects that may need coordination:

**Attachment Checklist:**

- a. Project Map

Completed applications should be emailed to:

[KDOT.LPePlans@ks.gov](mailto:KDOT.LPePlans@ks.gov)

To confirm receipt, if you do not receive an email response, please follow up with a call to the Bureau of Local Projects at (785) 296-3861.



**Opinion of Probable Construction Cost  
 City of Independence  
 Cherry Street Bridge  
 Bridge Replacement Project**

ITEM NO.	PARTICIPATING BID ITEM	UNIT	UNIT BID PRICE	QUANTITY	COST
					#VALUE!
	<b>Br 513550630000827</b>				
1	Mobilization	LSUM	\$15,000.00	1.0	\$ 15,000.00
2	Demolition	LSUM	\$20,000.00	1.0	\$ 20,000.00
3	Structure Replacement	LSUM	\$150,000.00	1.0	\$ 150,000.00
4	Channel Improvements	LSUM	\$65,000.00	1.0	\$ 65,000.00
5	Grading	LSUM	\$15,000.00	1.0	\$ 15,000.00
6	Roadway(gravel)	LSUM	\$10,000.00	1.0	\$ 10,000.00
7	Traffic Control	LSUM	\$5,000.00	1.0	\$ 5,000.00
	Subtotal				\$ 280,000.00

**Construction \$ 280,000.00**  
**Design \$ 35,000.00**  
**Inspection \$ 42,000.00**  
**Estimated Total \$ 357,000.00**

**07/20/2020 Cost Estimate for Cherry Street Bridge Replacement**

<b>Description</b>	<b>Total</b>	<b>KDOT</b>	<b>City</b>
<b>Construction</b>	\$ 280,000.00	\$ 224,000.00	\$ 56,000.00
<b>Design</b>	\$ 35,000.00		\$ 35,000.00
<b>Inspection</b>	\$ 42,000.00	\$ 33,600.00	\$ 8,400.00
<b>Inflation Adjustment</b>	\$ 61,991.00	\$ 49,592.80	\$ 12,398.20
<b>Total</b>	<b>\$ 418,991.00</b>	<b>\$ 307,192.80</b>	<b>\$ 111,798.20</b>



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W CHERRY ST

S 19TH ST