

Build Kansas Fund | Fiscal Year 2025 Application Package | Memo



To: Representative Troy Waymaster, Chair, Build Kansas Advisory Committee
Chardae Caine, Kansas Legislative Research Department
Shauna Wake, Office of the Kansas State Treasurer

From: Matthew A. Volz, PE, Executive Director, Kansas Infrastructure Hub

RE: Build Kansas Fund Application #2025-087-SCKEDD

Date: March 14, 2025

Attached, please find an application made to the Build Kansas Fund by the City of Wichita. The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 10 of the Build Kansas Fund Application Package.
- Build Kansas Fund Application – includes information submitted with the Build Kansas Fund Application, pages 2-8. Page 8 provides the table of funding sources and zip codes served by the project.
- Attachments – executive summary, pages 9-10.

Project Overview

The City of Wichita seeks funding from the US Department of Transportation for funding available through the Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) program for their Murdock Corridor Drainage and Transportation Improvement project which includes mitigation of street flooding and reduction of the floodplain, including storm sewer upgrades and street reconstruction.

This opportunity is a discretionary BIL program with a local match requirement of 20% of the total project cost. The entity is requesting \$7,156,200.00 from the Build Kansas Fund, and is providing a local match of \$2,385,400.00. This request has the potential to unlock \$38,166,400.00 in federal funds, for a total project cost of \$47,708,000.00.

The deadline is to be determined, and this Build Kansas Fund application was received on January 30, 2025.

Build Kansas Fund Steering Committee Recommendation

The Build Kansas Fund Steering Committee reviewed this application on March 12, 2025 following a successful completeness check. The Steering Committee **RECOMMENDS APPROVAL** of Build Kansas Funding to the Build Kansas Advisory Committee for final advice.

Build Kansas Fund | Fiscal Year 2025 Application Package | Coversheet



Build Kansas Fund Application Number	2025-087-SCKEDD
Applicant Name	City of Wichita
Application Date Received	1/30/2025
Project Name	Murdock Corridor Drainage and Transportation Improvements
Project Description	Project to mitigate street flooding and reduce floodplain to include storm sewer upgrades and street reconstruction
Entity Type	Local Government
Economic Development District (EDD) Planning Commission	South Central KS Economic Development District
Infrastructure Sector(s)	Transportation
BIL Program	Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT)
BIL Program Type	Discretionary
Application Type	Implementation
BIL Application Deadline	Paused - TBD
Build Kansas Fund Request	\$7,156,200.00
Technical Assistance Received	General Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	BIL Application Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Build Kansas Fund Application Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Other (Brief Description): Provided general, BIL application, and BKF Application support.
Application Notes	Build Kansas Fund contribution of \$7,156,200.00 will unlock \$38,166,400.00 in federal BIL funding, with a local cash contribution of \$2,385,400.00 for a total project cost of \$47,708,000.00.

Steering Committee Funding Recommendation	3/12/2025 Recommend <input checked="" type="checkbox"/> Declined <input type="checkbox"/>
Advisory Committee Funding Recommendation	3/18/2025 Recommend <input type="checkbox"/> Declined <input type="checkbox"/>

Title	City of Wichita	01/30/2025
	by Ethan Kershaw in Build Kansas Fund Application	id. 49492872
	ekershaw@wichita.gov	

Original Submission	03/04/2025
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Score	n/a
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Part 1: Applicant Information

The name of the entity applying for the Build Kansas Fund:	City of Wichita
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Project Name:	Murdock Corridor Drainage and Transportation Improvements
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Entity type:	Local Government
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Entity Population:	400,000
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Applicant Contact Name:	Ethan Kershaw
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Applicant Contact Position/Title:	Sustainability Coordinator
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Applicant Contact Telephone Number:	+13162684502
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Applicant Contact Email Address:	ekershaw@wichita.gov
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Applicant Contact Address:	455 N. Main
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Applicant Contact Address Line 2 (optional):	8th Floor
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Applicant Contact City:	Wichita
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Applicant Contact State:	Kansas
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Applicant Contact Zip Code:	67202
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Is the Project Contact the same as the Applicant Contact?	No
Project Contact Name:	Troy Tillotson
Project Contact Position/Title:	Stormwater Division Manger
Project Contact Telephone Number:	+13167340484
Project Contact Email Address:	twillotson@wichita.gov
Project Contact Address:	455 N Main Street
Project Contact Address Line 2 (optional):	8th Floor
Project Contact City:	Wichita
Project Contact State:	Kansas
Project Contact Zip Code:	67202

Part 2: Build Kansas Fund - Eligibility Criteria

Certify that you are pursuing a Bipartisan Infrastructure Law (BIL) funding opportunity for which your entity is eligible:	Yes
Certify that the Bipartisan Infrastructure Law (BIL) funding opportunity you are pursuing has a required non-federal match component:	Yes
What is the primary county that the project will occur in?	Sedgwick County

The Build Kansas Fund is intended to support Kansas-based infrastructure projects. Please provide a list of all the zip codes this project will be located in, along with an estimated percent [%] of the project located in that zip code. For example, if seeking funding for road infrastructure, provide a rough percent of the roads expected in each zip code:

[Zip Code Percentage.xlsx](#)

Part 3: Bipartisan Infrastructure Law (BIL) - Grant Application Information
 Please Note: This information is related to the federal Bipartisan Infrastructure Law (BIL) funding opportunity to which you will apply. This is NOT information for the Build Kansas Match Fund.

Please enter the Bipartisan Infrastructure Law (BIL) funding opportunity title that the entity is applying for: Fiscal Years 2024-2026 Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program

What is the funding agency for this Bipartisan Infrastructure Law (BIL) funding opportunity? U.S. Department of Transportation

What is the Assistance Listing Number (ALN) for this Bipartisan Infrastructure Law (BIL) funding opportunity? 20.205

What is the federal application due date for this Bipartisan Infrastructure Law (BIL) funding opportunity? 2/24/2025

Application Type: Implementation

What is the federal fiscal year for this Bipartisan Infrastructure Law (BIL) funding opportunity? 2025

Enter the amount of funding being applied for, from the Bipartisan Infrastructure Law (BIL) funding opportunity: \$38,166,400.00 for a total project cost of \$47,708,000.00

Enter the total project cost: \$47,708,000.00

Enter the required non-federal match percentage: 20%

Part 4: Build Kansas Fund - Match Application Information Beginning in July 2024 and moving forward, eligible applicants are expected to contribute a portion of the non-Federal match requirement. This contribution can be in the form of cash and/or in-kind contributions. The goal is to demonstrate the applicant's commitment to the project. The contribution should be significant enough relative to the Build Kansas Fund request. For a local public entity, 5% of the non-federal match is a good guideline, but not a requirement. See Build Kansas Fund Program Guidance for exceptions and more information.

Enter the non-federal cash match amount being requested from the Build Kansas Fund: \$7,156,200.00 for a total project cost of \$47,708,000.00

Enter the non-federal cash match amount being provided by the eligible applicant, if applicable: \$2,385,400.00 or a total project cost of \$47,708,000.00

Enter the estimated value of the non-federal in-kind match amount being provided by the eligible applicant, if applicable: 00

Expected breakdown of funding sources to support the project: Enter the funding source and projected amount from each source to support this project:

[Kansas+DOT+table_V2.xlsx](#)

Part 5: Build Kansas Fund - Means Test and Eligible Applicant Match

What other available funding sources that are currently planned to go unused by your entity will be leveraged for this project?

\$0

Will any American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies will be used for the non-federal match?

\$0

What other sources of in-kind match will be leveraged for this project? Please list and include the actual or estimated value of each.

\$0

What other funding sources (local, federal, or non-federal) will be used for this match?

Local stormwater project funds will be used to cover the remaining local match. The source of funding for Wichita's local match is stormwater fees that are deposited into the Stormwater Utility Fund. These utility fees finance all operations, maintenance, capital equipment purchases, and projects associated with the Wichita Stormwater Utility. The Stormwater Utility Fund is set up as an enterprise fund. The Stormwater Utility operates much like a small business, on a very limited amount of funding. The City of Wichita's operating and capital improvement budgets are available for review at Wichita.gov. These documents provide further information on the Stormwater Utility Fund and how its operating and capital activities are financed. The Wichita Comprehensive Annual Financial Reports are also available at Wichita.gov for review.

Describe your efforts to find other available funding sources for this project:

The City of Wichita allocated \$4,000,000 to a smaller scale version of this project, but it would not be available for several years. This grant will accelerate the project timeline and expand the scope of the project to help more people. No other grants have been identified for this project. To the extent the City of Wichita is able to reallocate some portion of the \$4,000,000 to other stormwater management system improvements, this will allow those improvements to be completed much sooner. Based upon current Stormwater Utility Fund projections, with the exception of very minor efforts, additional stormwater management system improvements could not be financed within the next 10-15 years. The grant funds would be highly beneficial to Wichita and the region given the nature of the project, specifically pertaining to hospital access considerations. The Stormwater Utility Fund has very limited financial flexibility at this time.

Part 6: Additional Information

Please upload a draft or final version of the Bipartisan Infrastructure Law (BIL) program grant application associated with this request OR an executive summary providing an overview of the project:

[PROTECT_Grant_Flyer_FINAL.pdf](#)

[PROTECT_Grant_Flyer_FINAL_Feb_18.pdf](#)

[PROTECT_Map_Feb_18_1.pdf](#)

[SF-424C_Values.xlsx](#)

Provide any additional information about this project not covered in previous sections of this application (optional): We are still preparing our federal application, but this document gives a good summary of the proposed project and will accompany our requests for letters of support.

Part 7: Terms and Conditions

Understanding of Fund Release Requirements: checked

Understanding of Use of Funds: checked

Understanding of Reporting Requirements: checked

Authority to Make Grant Application: checked

Persons and Titles: The following persons are responsible for making this Build Kansas Fund application. Ethan Kershaw

Position/Title: Sustainability Coordinator

Additional: Troy Tillotson

Position/Title: Stormwater Division Manager

Additional:

Position/Title:

Source	Amount	% of Project
Build Kansas Funds (non-federal match)	\$ 7,156,200.00	15
Eligible Applicant Cash Match	\$ 2,385,400.00	5
Eligible Applicant In-Kind Match (estimated value)	\$ -	
BIL Federal Funds (applied for)	\$ 38,166,400.00	80
Additional Project Contribution (if applicable)	\$ -	
TOTAL PROJECT COST	\$ 47,708,000.00	100

Zip Code	% of project in zip code	State
67214	9900%	Kansas
67202	1	Kansas
	100	in Kansas



CITY OF
WICHITA

MURDOCK CORRIDOR DRAINAGE PROJECT



Flooding near Mosley and Murdock (Courtesy: Wichita Police Department)
Source: KSN.com – June 1, 2022

Addressing flooding along Murdock Street (east and West of I-135) is a priority for the City of Wichita. **Historic, repetitive flood events have occurred in this area, and will continue to at higher frequencies without this project.** The area is home to some of the oldest neighborhoods in Wichita, and low intensity industrial and commercial areas, and St. Francis Hospital. The presence of lands designated as floodway and floodplain also have limited development and redevelopment.

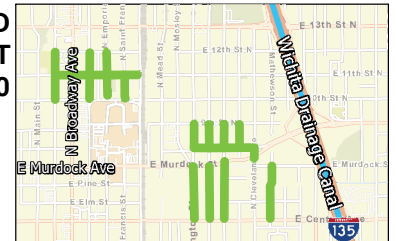
In response, the City of Wichita is applying for a federal grant - the **PROTECT** Grant. The PROTECT Grant program provides funding to ensure surface transportation resilience to natural hazards including flooding, extreme weather events, and other natural disasters. The City is pursuing this project to mitigate street flooding in the area, reduce the floodplain and open up areas for development.

The PROTECT Grant application is due February 24, 2025. There is an 80% Federal and 20% non-Federal match requirement. The City plans to request Build Kansas funding to cover the match requirement. The initial Benefit Cost Analysis shows twice the value of benefits than costs. Initial benefits include traffic safety, operations and maintenance, and drainage improvements to reduce street flooding.

WABASH & EMPORIA STORM SEWER UPGRADE & STREET RECONSTRUCTION:

These improvements include 58,500 square yards of pavement reconstruction and 16,400 linear feet of stormwater sewer extensions or improvements.

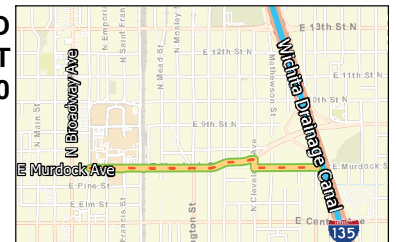
**ESTIMATED
TOTAL COST
\$15,578,000**



MURDOCK STORM SEWER & STREET IMPROVEMENTS:

This project will upsize the storm sewer pipe (6,700 linear feet) capacity to more efficiently capture the drainage from the newly improved Wabash storm sewer drainage system. It will also reconfigure Murdock from a 4-lane arterial standard to a 3-lane arterial standard to improve safety.

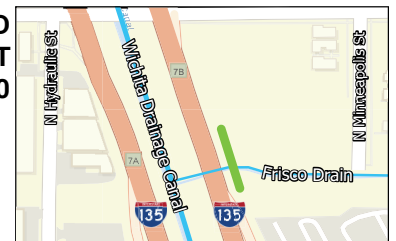
**ESTIMATED
TOTAL COST
\$13,625,000**



FRISCO SEAWALL:

The FEMA floodway and floodplain in this area restricts development. The mapped floodway is a result of the Wichita Drainage Canal backing eastward into the Frisco Drain. Work would include hydraulic modeling, FEMA permitting, and construction of the 230-foot long seawall with a Reinforced Concrete Box and flapgates.

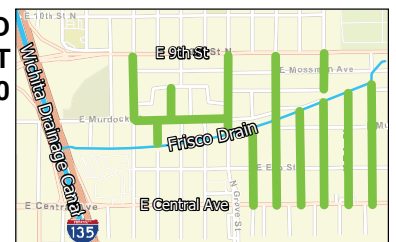
**ESTIMATED
TOTAL COST
\$768,000**



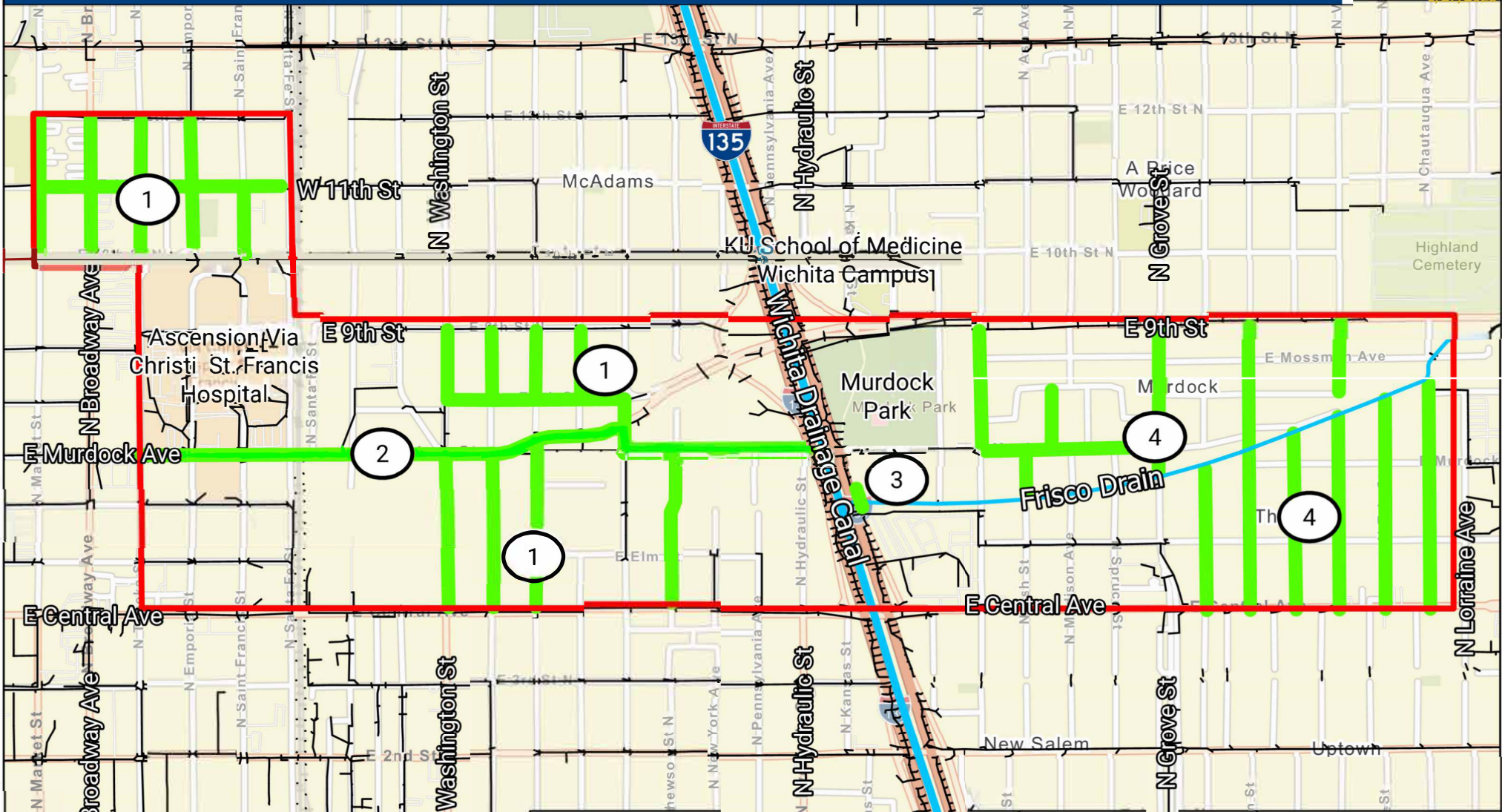
FRISCO STORM SEWER UPGRADE & STREET RECONSTRUCTION:

These improvements include 51,100 square yards of pavement reconstruction and 16,200 linear feet of stormwater sewer extensions or improvements.

**ESTIMATED
TOTAL COST
\$15,683,000**



Murdock Corridor Drainage and Road Improvements



▭ Murdock Corridor Study Area
▬ Road Reconstruction and New Stormwater Sewer Improvements
1 Project ID
▬ Existing Stormwater Sewer

↑
N

0
 0.25
 0.5 Miles

1

Wabash & Emporia Storm Sewer Upgrade & Street Reconstruction

Upsize existing storm sewer along 17 streets (16,400 linear feet) and reconstruct streets.

2

Murdock Storm Sewer and Street Improvements

Upsize the storm sewer pipe capacity to more efficiently capture the drainage from the newly improved Wabash storm sewer drainage system. Reconfigure Murdock from a 4-lane arterial standard to a 3-lane arterial standard to improve safety.

3

Frisco Seawall

Installing 230-foot seawall with flap gates and reinforced concrete boxes to prevent water in the Canal running under I-135 to back up into the neighborhoods to the east.

4

Frisco Storm Sewer Upgrade and Street Reconstruction

Upsize existing storm sewer along 11 streets (16,200 linear feet) and reconstruct streets.