

# 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 #2025-081-NoEDD

Date: January 10, 2025

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

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 12 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 9-12.

## **Project Overview**

The City of Lawrence seeks funding from the Federal Aviation Administration for funding available through the Airport Infrastructure Grant program (AIG) for their Lawrence Regional Airport Apron and Taxiway C Rehabilitation project which includes rehabilitation of the existing apron to improve the functionality and safety of the airport.

This opportunity is a discretionary BIL program with a local match requirement of 5% of the total project cost. The entity is requesting \$28,456.80 from the Build Kansas Fund and is providing a local match of \$1,422.84. This request has the potential to unlock \$569,136.00 in federal funds, for a total project cost of \$599,015.64.

The deadline is April 1, 2025, and this Build Kansas Fund application was received on December 11, 2024.

## **Build Kansas Fund Steering Committee Recommendation**

The Build Kansas Fund Steering Committee reviewed this application on January 8, 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	2025-081-NoEDD
Applicant Name	City of Lawrence
Application Date Received	12/11/2024
Project Name	Lawrence Regional Airport Apron and Taxiway C Rehabilitation
Project Description	Rehabilitation of existing apron to improve functionality and safety
Entity Type	Local Government
Economic Development District (EDD) Planning Commission	NO EDD/RPC
Infrastructure Sector(s)	Transportation
BIL Program	Airport Infrastructure Grant (AIG)
BIL Program Type	Discretionary
Application Type	Implementation
BIL Application Deadline	4/1/2025
Build Kansas Fund Request	\$28,456.80
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): Applicant provided with pre-award support for the federal application and support for BKF application.
Application Notes	Build Kansas Fund contribution of \$28,456.80 will unlock \$569,136.00 in federal BIL funding, with a local contribution of \$1,422.84 for a total project cost of \$599,015.64

<b>Steering Committee Funding Recommendation</b>	<b>1/8/2025   Recommend <input type="checkbox"/> Declined <input type="checkbox"/></b>
<b>Advisory Committee Funding Recommendation</b>	<b>1/15/2025   Recommend <input type="checkbox"/> Declined <input type="checkbox"/></b>

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Title	<b>City of Lawrence, Kansas</b>	12/11/2024
	by <b>Aaron Parker</b> in <b>Build Kansas Fund Application</b>	id. 49058333
	aparker@lawrenceks.org	

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<b>Original Submission</b>	01/07/2025
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Score	n/a
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Part 1: Applicant Information

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The name of the entity applying for the Build Kansas Fund:	City of Lawrence, Kansas
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Project Name:	Lawrence Regional Airport Apron and Taxiway C Rehabilitation
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Entity type:	Local Government
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Entity Population:	95,794
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Applicant Contact Name:	Scott Wagner
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Applicant Contact Position/Title:	Airport Manager
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Applicant Contact Telephone Number:	+17858323467
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Applicant Contact Email Address:	swagner@lawrenceks.org
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Applicant Contact Address:	6 East 6th Street
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Applicant Contact Address Line 2 (optional):	
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Applicant Contact City:	Lawrence
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Applicant Contact State:	Kansas
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Applicant Contact Zip Code:	66044
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Is the Project Contact the same as the Applicant Contact?	No
Project Contact Name:	Aaron Parker
Project Contact Position/Title:	Senior Project Engineer
Project Contact Telephone Number:	+17857607264
Project Contact Email Address:	aparker@lawrenceks.org
Project Contact Address:	6 East 6th Street
Project Contact Address Line 2 (optional):	
Project Contact City:	Lawrence
Project Contact State:	Kansas
Project Contact Zip Code:	66044

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?	Douglas 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](#)

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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.

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Please enter the Bipartisan Infrastructure Law (BIL) funding opportunity title that the entity is applying for: Federal Aviation Administration (FAA) BIL Airport Infrastructure Grant (AIG)

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What is the funding agency for this Bipartisan Infrastructure Law (BIL) funding opportunity? Federal Aviation Administration

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What is the Assistance Listing Number (ALN) for this Bipartisan Infrastructure Law (BIL) funding opportunity? 20.106

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What is the federal application due date for this Bipartisan Infrastructure Law (BIL) funding opportunity? 4/1/2025

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Application Type: Implementation

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

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Enter the amount of funding being applied for, from the Bipartisan Infrastructure Law (BIL) funding opportunity: \$569,136.00 for a total project cost of \$599,015.64.

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Enter the total project cost: \$599,015.64

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Enter the required non-federal match percentage: 5%

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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.

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Enter the non-federal cash match amount being requested from the Build Kansas Fund: \$28,456.80 for a total project cost of \$599,015.64.

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Enter the non-federal cash match amount being provided by the eligible applicant, if applicable: \$1,422.84 for a total project cost of \$599,015.64.

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Enter the estimated value of the non-federal in-kind match amount being provided by the eligible applicant, if applicable: \$0

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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](#)

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

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

N/A

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

N/A

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

N/A

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

The City of Lawrence has budgeted local match funds for this project with its 2025 budget. There are several other state (KAIP) and federal grants that are going in to this project.

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

N/A

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#### Part 6: Additional Information

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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:

[LWC\\_-\\_Build\\_Kansas\\_Grant\\_revised.docx](#)

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Provide any additional information about this project not covered in previous sections of this application (optional):

This large project has multiple portions broken out. Some portions are funded through other grant programs. For example, the State of Kansas Airport Improvement Program (KAIP) awarded funding for design and partial funding for construction. The City was also preliminarily awarded FAA BIL Airport Improvement Grant (AIG) and FAA Airport Improvement Program (AIP) grant funding for the project. Only the local match for the BIL AIG grant is eligible for reimbursement by the Build Kansas Fund.

With five awarded grants, both State of Kansas and Federal, and local match approved in the City of Lawrence 2025 - 2029 Capital Improvement Plan, the City seeks additional funding support through the Kansas Infrastructure Hub Build Kansas Grant to best allocate City resources towards other Airport improvements. No additional funding sources for this project are being sought. Please see the Additional Information section of this application for other Lawrence Regional Airport projects the City is investing in in CY2025.

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Part 7: Terms and Conditions

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Understanding of Fund Release Requirements: checked

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Understanding of Use of Funds: checked

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Understanding of Reporting Requirements: checked

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Authority to Make Grant Application: checked

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

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Position/Title: Senior Project Engineer

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Additional: Scott Wagner

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Position/Title: Airport Manager

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Additional:

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Position/Title:

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Additional:

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<b>Source</b>	<b>Amount</b>	<b>% of Project</b>
BIL Federal Funds (applied for)	\$569,136.00	95.0%
Build Kansas Funds (non-federal match)	\$28,456.80	4.8%
Eligible Applicant Cash Match	\$1,422.84	0.2%
Eligible Applicant In-Kind Match (estimated value)	\$0.00	0.0%
Additional Project Contribution (if applicable)	\$0.00	0.0%
<b>TOTAL PROJECT COST</b>	<b>\$599,015.64</b>	<b>100.0%</b>

<b>Zip Code</b>	<b>% of project in zip code</b>	<b>State</b>
66044	100%	Kansas

## Description of the Project

This project encompasses the rehabilitation and reconstruction of the apron and Taxiway C at the Lawrence Regional Airport in Lawrence, Kansas. Garver, LLC, under contract with the City of Lawrence, will provide comprehensive engineering services for the project.

### **Scope of Work:**

#### **Apron Rehabilitation:**

- Milling and overlay of existing pavement (3" depth)
- Crack repair and asphalt pavement patching
- Removal and replacement of aircraft tie-downs
- Application of new pavement markings
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#### **Taxiway C Rehabilitation:**

- Milling and overlay of existing pavement (4" depth)
- Crack repair and asphalt pavement patching
- Application of new pavement markings

This project aims to enhance the safety and functionality of the Lawrence Regional Airport's critical infrastructure, ensuring continued operational efficiency for aircraft traffic.

## Project Location, Analysis of Current Airfield Conditions, and Needs Addressed

Lawrence Regional Airport (LWC), located one mile northeast of Lawrence, Kansas, in Douglas County, is a vital general aviation facility serving the region. The airport accommodates a diverse fleet of 64 based aircraft, including 33 single-engine aircraft, 4 multi-engine aircraft, 4 jet aircraft, and 23 helicopters. This diverse fleet underscores the airport's importance to a variety of aviation needs, including private travel, flight training, and emergency medical services.

The airport's infrastructure is designed to support its diverse operations and includes the following key components. The primary runway, 15-33, is a 5,700-foot by 100-foot paved runway serving as the airport's main landing strip, accommodating a wide range of aircraft sizes. The crosswind runway, 1-19, is a 3,900-foot by 75-foot paved runway that provides an alternative landing option in varying wind conditions, enhancing operational flexibility and safety. Taxiways, A, B, C, D, and the associated connecting taxiways provide efficient and organized routes for aircraft to navigate between the runways, apron, and other airport facilities. Finally, the 290,000 square-foot primary general aviation apron provides space for aircraft parking, loading, and unloading, supporting the airport's general aviation activities.

Lawrence Regional Airport is classified as a Non-Primary General Aviation – Regional Airport by the National Plan of Integrated Airport Systems (NPIAS), recognizing its role in serving regional aviation needs. The airport has recently been assigned an Airport Reference Code (ARC) of C-II, indicating its capability and need to accommodate a variety of aircraft sizes and types, including larger, more demanding aircraft. The airport's taxiways and apron are designed to Taxiway Design Group (TDG) 2 standards, ensuring safe and efficient maneuvering of aircraft on the ground.

Recent pavement condition assessments, conducted using the Pavement Condition Index (PCI), have revealed significant deterioration of the apron and Taxiway C. The apron received a PCI of 27, indicating that it is in "very poor" condition, with significant cracking, patching, and surface defects that compromise its operational safety. Taxiway C received a PCI of 13, signifying that it is in "serious" condition, with extensive deterioration that poses potential hazards to aircraft and necessitates immediate attention. This deterioration is primarily attributed to the cumulative

effects of climate and environmental factors, such as freeze-thaw cycles, temperature fluctuations, and precipitation, rather than excessive load-related damage.

The project will prioritize rehabilitation over complete reconstruction, maximizing cost-effectiveness. This will include milling and overlay, crack repair, and asphalt pavement patching along with new pavement markings and a new, more efficient apron tie-down layout. Runway 01/19, in "fair" condition, is scheduled for separate repair in 2025.

Garver has completed the design plans, which are under review by the City of Lawrence. We anticipate a bid opening date in mid-February 2025.

Funding has been secured through FAA BIL-AIG, FAA AIP, and KAIP grants. A detailed budget breakdown is attached.

This project is a critical investment in LWC's infrastructure, ensuring its continued viability and contribution to the regional economy.

### Expected Project Outcomes

The rehabilitation of the apron and Taxiway C at Lawrence Regional Airport will significantly enhance safety and efficiency for all aircraft operations. By addressing the deteriorating pavement conditions, this project will:

- **Mitigate Foreign Object Debris (FOD) Hazards:** The current pavement condition poses a significant risk of FOD, which can cause damage to aircraft and potentially lead to accidents. This project will eliminate this hazard, creating a safer environment for aircraft, passengers, and crew.
- **Optimize Traffic Flow:** The project will improve the layout and markings of the apron and taxiway, ensuring smoother traffic flow and reducing the risk of collisions or ground incidents. This will contribute to a more organized and predictable operational environment.
- **Enhance Aircraft Parking:** Improvements to the apron will provide clearly defined and strategically located aircraft parking positions. This will improve safety during aircraft maneuvering and parking, minimizing the potential for collisions or wingtip strikes.

To comply with FAA BIL-AIG requirements, the project application, including awarded bid pricing, will be submitted by April 1, 2025. Construction is scheduled to commence in early summer 2025 and be completed within the same fiscal year.

A comprehensive construction safety and phasing plan has been developed to ensure minimal disruption to airport operations. The project will be implemented in phases, allowing the airport to remain operational throughout the construction period.

This project has undergone a thorough environmental review and has been categorically excluded from further environmental clearance. Due to the minimal land disturbance (less than one acre), no Notice of Intent (NOI) or Stormwater Pollution Prevention Plan (SWPPP) is required. This ensures that the project will be carried out with minimal environmental impact.

### Project Goals

While the precise increase in airport traffic related to the World Cup remains to be quantified, the City of Lawrence is proactively planning for a significant surge in operations. The existing

apron already experiences capacity constraints during large-scale events, such as University of Kansas sporting events. The rehabilitation of the apron and Taxiway C will be crucial in optimizing aircraft movement and parking capacity, ensuring smooth and efficient operations during this high-traffic period.

Beyond the World Cup, this project aligns with the City's broader vision for the airport's future. The anticipated growth associated with major infrastructure projects, such as the new Panasonic plant in De Soto, Kansas, will further increase demand for aviation services. This project, along with other ongoing and planned airport improvements, will ensure that LWC can accommodate this growth and continue to serve as a vital economic engine for the region.

The City of Lawrence is committed to a comprehensive development strategy for Lawrence Regional Airport, encompassing various projects aimed at modernizing and expanding its facilities:

- **Master Plan Update:** The airport's Master Plan is being updated to provide a strategic framework for future development, ensuring that LWC remains a modern and efficient facility.
- **Landside Improvements:** Replatting and rehabilitation of the landside access road and parking areas will improve accessibility and convenience for airport users.
- **Airside Enhancements:** In addition to this project, the City is investing in the rehabilitation of airside taxiways to ensure safe and efficient aircraft movement.
- **Runway Expansion:** A feasibility study for extending the primary runway has been completed, and the City will seek funding in 2025 to initiate the design phase.
- **Crosswind Runway Rehabilitation:** The rehabilitation of the crosswind runway is planned for design in 2025, further enhancing operational flexibility and safety.
- **Taxiway Lighting Upgrades:** A design contract is currently being negotiated for a taxiway A lighting update project, funded through the Kansas Airport Improvement Program (KAIP), which will improve visibility and safety during nighttime operations.

These investments demonstrate the City's commitment to providing a safe, modern, and efficient airport that can support the region's current and future aviation needs.

## Project Collaborators

- Federal Aviation Administration (FAA)
- Kansas Airport Improvement Program (KAIP)
- City of Lawrence, Kansas
- Garver, LLC

## Budget

The City of Lawrence is providing local match requirements for the Lawrence Regional Airport Apron and Taxiway C Rehabilitation Project with the various state and federal grants being utilized for this project. FAA BIL-AIG funding comprises only one-fifth of the total project budget, the remaining amount of the project costs will be covered by other grants with local matching

contributions ranging from 5% to 10%. See the FAA BIL-AIG portion of the project budget in the below tables.

<b>Project Element</b>	<b>FAA BIL-AIG (95%)</b>
Design & Bidding Services	\$0.00
Construction Services (Est.)	\$62,605.00
Construction (Est.)	\$506,531.00
Construction - Add Alt 2 (Est.)	\$0.00
<b>Totals</b>	<b>\$569,136.00</b>

<b>Lawrence Regional Airport Apron</b>	<b>BIL-AIG Portion</b>
<b>FAA BIL AIG Total</b>	<b>\$569,136.00</b>
<b>Build Kansas Fund Grant Request</b>	<b>\$28,456.80</b>
<b>Local Match</b>	<b>\$1,422.84</b>
<b>Total</b>	<b>\$599,015.64</b>