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: Jason Fizell, Interim Executive Director, Kansas Infrastructure Hub

RE: Build Kansas Fund Application #2025-135-NoEDD

Date: June 17, 2025

Attached, please find an application made to the Build Kansas Fund by the Shawnee County Sheriff's Office. The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 16 of the Build Kansas Fund Application Package.
- Build Kansas Fund Application – includes information submitted with the Build Kansas Fund Application, pages 2-9. Page 9 provides the table of funding sources and zip codes served by the project.
- Attachments – executive summary and project map images, pages 10-16.

Project Overview

The Shawnee County Sheriff's Office seeks funding from the U.S. Department of Transportation for funding available through the Safe Streets and Roads for All (SS4A) program for their Critical 911 and Real Time Crime Center Updates project which includes improving roadway safety and emergency response times through a countywide pilot that integrates upgraded 911 systems, real-time monitoring, and drone deployment.

This opportunity is a discretionary BIL program with a local match requirement of 20% of the total project cost. The entity is requesting $950,000.00 from the Build Kansas Fund, and is providing a local match of $50,000.00. This request has the potential to unlock $4,000,000.00 in federal funds, for a total project cost of $5,000,000.00.

The deadline is June 26, 2025, and this Build Kansas Fund application was received on June 3, 2025.

Build Kansas Fund Steering Committee Recommendation

The Build Kansas Fund Steering Committee reviewed this application on June 11, 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

KANSAS INFRASTRUCTURE HUB

Build Kansas Fund Application Number	2025-135-NoEDD
Applicant Name	Shawnee County Sheriff's Office
Application Date Received	6/3/2025
Project Name	Critical 911 and Real Time Crime Center Updates
Project Description	Improving roadway safety and emergency response times through a countywide pilot that integrates upgraded 911 systems, real-time monitoring, and drone deployment
Entity Type	County Government
Economic Development District (EDD) Planning Commission	NO EDD/RPC
Infrastructure Sector(s)	Transportation
BIL Program	Safe Streets and Roads for All (SS4A) Program
BIL Program Type	Discretionary
Application Type	Planning
BIL Application Deadline	6/26/2025
Build Kansas Fund Request	$950,000.00
Technical Assistance Received	General Yes ☒ No ☐ BIL Application Yes☐ No☒ Build Kansas Fund Application Yes☒ No☐ Other (Brief Description): Provided General TA and BKF Application Support.
Application Notes	Build Kansas Fund contribution of $950,000.00 will unlock $4,000,000.00 in federal BIL funding, with a local cash contribution of $50,000.00 for a total project cost of $5,000,000.00.
Steering Committee Funding Recommendation	**6/11/2025	Recommend ☒ Declined ☐**
Advisory Committee Funding Recommendation	**6/17/2025	Recommend ☐ Declined ☐**

Title	**Shawnee County Sheriff's Office**	06/04/2025
	by **April Shaffer** in **Build Kansas Fund Application**	id. 50729711

109 E. Main Street
Meriden, Kansas
66512-8740
KS
United States
7858062176
ozcharmed@gmail.com

Original Submission   06/04/2025

Score	n/a
	Part 1: Applicant Information
The name of the entity applying for the Build Kansas Fund:	Shawnee County Sheriff's Office
Project Name:	Critical 911 and Real Time Crime Center Updates
Entity type:	County Government
Entity Population:	19,317
Applicant Contact Name:	Brian Hill
Applicant Contact Position/Title:	Shawnee County Sheriff
Applicant Contact Telephone Number:	+17852512200
Applicant Contact Email Address:	Brian.hill@snco.us
Applicant Contact Address:	320 S. Kansas Ave Suite 200
Applicant Contact Address Line 2 (optional):	
Applicant Contact City:	Topeka

Applicant Contact State:	Kansas
Applicant Contact Zip Code:	66603
Is the Project Contact the same as the Applicant Contact?	No
Project Contact Name:	Jeremy Rabb
Project Contact Position/Title:	Director of Shawnee County Emergency Communications Shawnee County Sheriff's Office
Project Contact Telephone Number:	+19137027128
Project Contact Email Address:	jeremy.rabb@snco.us
Project Contact Address:	320 S. Kansas Ave Suite 200
Project Contact Address Line 2 (optional):	
Project Contact City:	Topeka
Project Contact State:	Kansas
Project Contact Zip Code:	66603
	Part 2: Build Kansas Fund - Eligibility Criteria
Certify that you are pursuing an Infrastructure Investment and Jobs Act (IIJA) funding opportunity for which your entity is eligible:	Yes

Certify that the Infrastructure Investment and Jobs Act (IIJA) funding opportunity you are pursuing has a required non-federal match component:	Yes
What is the primary county that the project will occur in?	Shawnee 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: Infrastructure Investment and Jobs Act (IIJA) - Grant Application Information Please Note: This information is related to the federal Infrastructure Investment and Jobs Act (IIJA), commonly known as the Bipartisan Infrastructure Law (BIL), funding opportunity to which you will apply. This is NOT information for the Build Kansas Match Fund.
Please enter the Infrastructure Investment and Jobs Act (IIJA) funding opportunity title that the entity is applying for:	Safe Streets and Roads for All
What is the funding agency for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	U.S. Department of Transportation
What is the Assistance Listing Number (ALN) for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	20.939

What is the federal application due date for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	6/26/2025
Application Type:	Planning
What is the federal fiscal year for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	2025
Enter the amount of funding being applied for, from the Infrastructure Investment and Jobs Act (IIJA) funding opportunity:	$4,000.000.00 for a total project cost of $5,000,000.00
Enter the total project cost:	$5,000,000.00
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:	$950,000.00 for a total project cost of $5,000,000.00
Enter the non-federal cash match amount being provided by the eligible applicant, if applicable:	$50,000.00 for a total project cost of $5,000,000.00

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

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?	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?	General Operating Budget from the Shawnee County Sheriffs Office

Describe your efforts to find other available funding sources for this project:	In the past, our team lacked the internal capacity to research and apply for grants and we were unable to dedicate the time and resources needed to pursue outside funding. However, we have now come to see just how important grant funding can be in helping a community thrive. To address this, we have hired an experienced full-time Grant Director, this position will focus on identifying funding opportunities, preparing strong applications, and managing awarded grants. Our hope is that the next time we are asked this question we will have a long list of opportunities that we have explored.

Part 6: Additional Information

Please upload a draft or final version of the Infrastructure Investment and Jobs Act (IIJA) program grant application associated with this request OR an executive summary providing an overview of the project:

SNCO_SS4A_Draft.pdf

SNCO_SS4A_Budget_Draft.pdf

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

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.	April Hazen Shaffer
Position/Title:	
Additional:	
Position/Title:	

Additional:

Position/Title:

Additional:

Position/Title:

Source	Amount	% of Project
Build Kansas Funds (non-federal match)	$950,000.00	19.00%
Eligible Applicant Cash Match	$50,000.00	1.00%
Eligible Applicant In-Kind Match (estimated value)	$0.00	0%
BIL Federal Funds (applied for)	$4,000,000.00	80.00%
Additional Project Contribution (if applicable)	$0.00	0%
TOTAL PROJECT COST	$5,000,000.00	100%

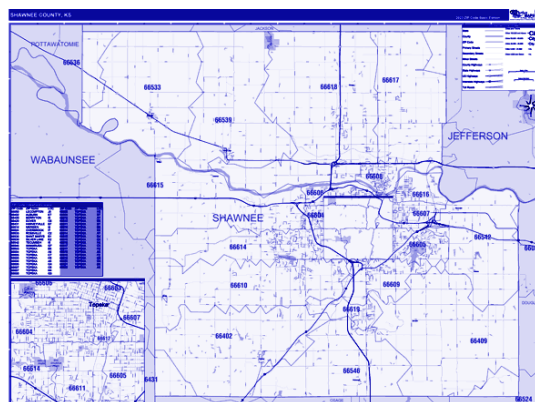***Applicant satisfies recommended match contribution of 5% of the required match**

Zip Code	% of project in zip code
66050	10%
66402	15%
66409	17%
66420	9%
66533	9%
66539	13%
66542	20%
66546	7%
	100% In Kansas

Project Overview

Shawnee County, Kansas, serves over 19,317 residents in rural communities across approximately 556 square miles. The county faces significant roadway safety and emergency response challenges that need technology-driven solutions. In 2024 alone, 13 individuals lost their lives in vehicle crashes within the county. The Shawnee County Emergency Communications Center (SCECC) handles approximately 320,000 calls annually and dispatches around 190,000 of those calls.

To address these challenges, Shawnee County seeks $5.0 million through the Safe Streets and Roads for All (SS4A) Demonstration Grant to implement a coordinated, countywide traffic safety pilot program. The proposed initiative includes modernization of the county's 911 dispatch infrastructure, expansion of the existing Real Time Crime Center (RTCC), and deployment of a drone-as-first-responder program, supported by a centralized drone hub.

These integrated enhancements will improve real-time detection of roadway incidents, strengthen multi-agency coordination, and ensure faster, more effective emergency response during the most critical minutes. Together, these efforts represent a proactive, technology-forward strategy to improve roadway safety outcomes and save lives in Shawnee County.

Pilot Focus Areas

1. **Real Time Crime Center (RTCC) Upgrade:** Shawnee County will expand and enhance its existing RTCC to better support traffic safety. This includes adding high-resolution traffic cameras, mobile camera trailers, automatic license plate readers (ALPRs), and AI-driven video analytics to improve incident detection and monitoring.

2. **911 Dispatch and Radio Network Modernization:** Funding will support hardware and software upgrades for the county's 911 dispatch systems and 911 emergency radio network system, including new Computer-Aided Dispatch (CAD), Geographic Information System (GIS) mapping, and Automated Vehicle Location (AVL) tools. These upgrades will improve incident triage, resource deployment, and live coordination with the RTCC and field responders.

3. **Drone Deployment & Hub:** The county will establish a secure drone hub and deploy a fleet of drones to provide rapid crash site verification, aerial traffic assessment, and real-time video streaming to the RTCC. Drones will also support situational awareness in rural or infrastructure-limited areas.

Equity and Safety Priority

Demonstration corridors will be selected based on traffic crash, injury data and public safety response times. The project will incorporate community input and feedback throughout implementation and evaluation to ensure inclusive design and equitable impacts.

Key Outcomes

- ≥ 20% reduction in emergency response times in pilot corridors

- Expanded real-time data sharing between RTCC and 911 operations

- Measurable safety improvements in high-crash and rural areas

- Stronger coordination across law enforcement, EMS, and traffic management

Evaluation Strategy

Shawnee County will partner with a third-party evaluator to track performance across a range of metrics, including system uptime, average response times, crash outcomes, dispatch efficiency, and public satisfaction. Evaluation findings will shape the County's long-term SS4A strategy and provide scalable directions for other jurisdictions.

Total Federal Request: $4,000,000

Total Non-Federal Match: $1,000,000-We have applied to the Build Kansas Fund to assist in covering the non-federal match.

1. Personnel – $250,000

To ensure effective implementation, coordination, and accountability across all components of the SS4A pilot initiative, Shawnee County will designate a full-time Demonstration Project Administrator, housed within the Shawnee County Sheriff's Department. This position is budgeted at $125,000 per year for two years (including full benefits), totaling $250,000 over the grant period.

This position will serve as the central liaison between departments—including the Real Time Crime Center (RTCC), the 911 Communications Center, drone operations, and the SS4A evaluation partner—as well as the U.S. Department of Transportation.

Key Responsibilities:

- Oversee day-to-day implementation of the pilot across RTCC, 911, and drone components
- Serve as the primary point of contact with USDOT, the independent evaluation contractor, and community stakeholders
- Facilitate interagency meetings, track action items, and incorporate feedback into pilot operations
- Monitor project budgets, timelines, procurement processes, and contract deliverables

- Support compliance with SS4A reporting requirements and maintain detailed project documentation

- Coordinate public engagement and communications related to the pilot program

This administrator will play a critical role in ensuring that all elements of the demonstration project remain integrated, on schedule, and outcome-focused, while also fostering transparency and collaboration across departments and partners.

2. Equipment & Technology – $2,730,000

a. Real Time Crime Center (RTCC) Expansion – $1,000,000

- Additional camera infrastructure and camera cores (fixed and mobile)

- ALPR systems and server storage expansion

- AI video analytics software and RTCC integration tools

- Data-sharing platforms to enhance coordination with dispatch

b. 911 Dispatch Modernization – $1,030,000

- CAD software upgrades and licensing

- AVL integration for fleet tracking

- Artificial Intelligence 911 software

- 911 Radio Network Hardware and Software upgrades

- Call Handling software/platforms

- New dispatch workstation hardware

- GIS-enabled routing and real-time situational mapping tools

c. Drone Program & Hub – $930,000

- Drone fleet purchase (crash response-ready, thermal/night vision-capable)

- Drone as First Responder Program

- Secure launch and landing hub infrastructure

- Drone management and video transmission software

- FAA compliance tools, tracking, and insurance

---

3. Contracts & Services – $970,000

- **Third-party project evaluation: $300,000**

  Independent assessment of safety outcomes, response time improvements, and equity impacts using crash data, CAD logs, drone telemetry, and RTCC records.

- **Technology integration, maintenance, and IT support: $570,000**

  Includes setup, cybersecurity protocols, system interoperability, and ongoing tech support for RTCC, drones, and 911 dispatch systems.

- **Community engagement and stakeholder facilitation: $100,000**

  Outreach and engagement with residents includes workshops, surveys, and design input for project implementation and evaluation.

4. Training – $150,000

- Drone pilot certification, RTCC operator training, and updated dispatch protocols

- Safety, ethics, and data privacy training

- Cross-training for interdepartmental coordination

5. Indirect Costs – $700,000

- Estimated at ~18% to cover facilities, procurement, audit, and administration costs across Shawnee County departments engaged in the project