

# Build Kansas Fund | Fiscal Year 2024 Application Package | Memo



To: Representative Troy Waymaster, Chair, Build Kansas Advisory Committee  
Murl Riedel, 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 #2024-062-GP

Date: July 3, 2024

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Attached, please find an application made to the Build Kansas Fund by Morton County. 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.
- Attachments – executive summary, pages 9-10.

## **Project Overview**

Morton County seeks funding from the Federal Aviation Administration for funding available through the Airport Infrastructure Grant (AIG) program to rehabilitate Runway 4-22 and the runway turnarounds and a portion of Midfield Connecting Taxiway C will be removed/abandoned with this project.

This opportunity is a formula BIL program with a local match requirement of 10% of the total project cost. The entity is requesting \$37,334.00 from the Build Kansas Fund. This request has the potential to unlock \$336,000.00 in federal funds.

The deadline was June 28, 2024, and this Build Kansas Fund application was received on June 20, 2024.

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

The Build Kansas Fund Steering Committee reviewed this application on June 26, 2024, 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 2024 Application Package | Coversheet



Build Kansas Fund Application Number	2024-062-GP (Morton)
Project Name	Elkhart-Morton County Airport (EHA) Project
Entity Type	Local Government
Economic Development District (EDD) Planning Commission	Great Plains Development Inc
Infrastructure Sector(s)	Transportation
BIL Program	Airport Infrastructure Grant (AIG)
BIL Program Type	Formula
BIL Application Deadline	7/17/2024
Build Kansas Fund Request	\$37,334.00
Technical Assistance Received	General <span style="float: right;">No</span>
	BIL Application <span style="float: right;">No</span>
	Build Kansas Fund Application <span style="float: right;">Yes</span>
	Other (Brief Description): Support on application and budget submission
Application Notes	Build Kansas Fund contribution of \$37,334.00 will unlock \$336,000.00 in federal BIL funding.

<b>Steering Committee Funding Recommendation</b>	<b>June 26, 2024   Approve</b>
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<b>Advisory Committee Funding Recommendation</b>	<b>DATE   Approve or Deny</b>
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### Completeness Review Data

Date Build Kansas Application Received:	6/20/2024
Date Of Completeness Check:	6/24/2024
Date Forwarded to Steering Committee:	6/25/2024

Title	<b>Morton County, Kansas</b>	06/20/2024
	by <b>Ian Wright</b> in <b>Build Kansas Fund Fiscal Year 2024 Application</b>	id. 46823162
	<a href="mailto:iwright@hwlochner.com">iwright@hwlochner.com</a>	

<b>Original Submission</b>	06/20/2024
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Score	n/a
	Part 1: Applicant Information

The name of the entity applying for the Build Kansas Fund:	Morton County, Kansas
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Project Name:	Elkhart-Morton County Airport (EHA) - Rehabilitate and Remark Runway 4-22 and Turnarounds, Remove and Abandon Portion of Taxiway C
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Entity type:	County Government
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Applicant Contact Name:	Gina Shores
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Applicant Contact Position/Title:	Morton County Clerk
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Applicant Contact Telephone Number:	+16206972157
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Applicant Contact Email Address:	<a href="mailto:gina.shores@mtcoks.gov">gina.shores@mtcoks.gov</a>
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Applicant Contact Address:	1025 Morton
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Applicant Contact Address Line 2 (optional):	PO Box 1116
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Applicant Contact City:	Elkhart
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Applicant Contact State:	Kansas
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Applicant Contact Zip Code:	67950
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Is the Project Contact the same as the Applicant Contact?	No
Project Contact Name:	Ian Wright
Project Contact Position/Title:	Project Manager / Civil Engineer
Project Contact Telephone Number:	+13165189244
Project Contact Email Address:	iwright@hwlochner.com
Project Contact Address:	15717 College Boulevard
Project Contact Address Line 2 (optional):	
Project Contact City:	Lenexa
Project Contact State:	Kansas
Project Contact Zip Code:	66219

Part 2: Build Kansas Fund - Eligibility Criteria

Certify that you are pursuing a viable 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?	Morton 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:      Bipartisan Infrastructure Law Airport Infrastructure Grant Funding

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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 application due date for this Bipartisan Infrastructure Law (BIL) funding opportunity?      6/28/2024

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What is the federal fiscal year for this Bipartisan Infrastructure Law (BIL) funding opportunity?      2024

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Enter the amount of funding being applied for, from the Bipartisan Infrastructure Law (BIL) funding opportunity: \$336,000.00

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Enter the total project cost: \$373,334.00

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Enter the required non-federal match percentage: 10.0

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#### Part 4: Build Kansas Fund - Match Application Information

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Enter the non-federal match amount being requested from the Build Kansas Fund: \$37,334.00

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Is the project able to move forward with a lesser match amount than requested? Yes

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If you are awarded less match than the amount requested, at what amount would your project NOT be able to move forward? 0.0

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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.xlsx](#)

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#### Part 5: Build Kansas Fund - Means Test

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Confirm that there are no available funding sources currently planned to go unused by your entity that could be leveraged for this project: Yes

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Confirm there are no available American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies that could be used for this match:

Yes

Confirm that you have explored other readily available funding sources (federal or non-federal) to be used for this match:

Yes

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

The Bipartisan Infrastructure Law (BIL) local match to the federal grant has been planned for utilizing local funding mechanisms. At this point in time and throughout past research, there are no known funding sources available (federal or local) that could fund the BIL local match.

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#### Part 6: Additional Information

Please upload a copy of the Bipartisan Infrastructure Law (BIL) program application associated with this request OR a 2-page executive summary providing an overview of the project:

[EHA\\_RW\\_Rehab\\_-\\_Executive\\_Summary\\_-\\_Build\\_Kansas\\_Fund.docx](#)

Provide any additional information about this project (optional):

This project is comprised of a combination of AIP-NPE funds and AIG-BIL funds. Both the AIP-NPE and AIG-BIL funds have been "set aside" or allocated to the County and the local match can be made regardless of approval of this application. The project costs are as follows:

Total Project Cost: \$894,000

**AIG-BIL Funds: \$336,000.00**

**Local Match to AIG-BIL Funds: \$37,334.00**

AIP-NPE Funds: \$468,599.00

Local Match to AIP-NPE Funds: \$52,067.00

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#### Part 7: Terms and Conditions

Understanding of Fund Release Requirements:

checked

Understanding of Use of Funds:

checked

Understanding of Reporting Requirements: checked

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Authority to Make Grant Application: checked

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

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Position/Title: Project Manager / Civil Engineer

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Additional:

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Position/Title:

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Additional:

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Position/Title:

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Additional:

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Position/Title:

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## Internal Form

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Score n/a

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Pre-Award Information:

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Post-Award Information:

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Deviation Report:

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Source	Amount		Zip Code	% of project in zip code
BIL Federal Funds (applied for)	\$ 336,000.00		67950	100
Build Kansas Funds (non-federal match)	\$ 37,334.00			in Kansas
Additional Project Contribution (if applicable)				
<b>TOTAL PROJECT COST</b>	\$ 373,334.00			

### **Description of the Project**

Morton County, Kansas (County) and H.W. Lochner, Inc. (Lochner) entered into a contract for engineering services to rehabilitate Runway 4-22 and the runway turnarounds. Additionally, a portion of Midfield Connecting Taxiway C will be removed/abandoned with this project.

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

The Elkhart-Morton County Airport is located on the east side of Elkhart in southwest Morton County in the southwest corner of Kansas. The airport serves eight single-engine based aircraft and three multi-engine aircraft. The airport features two runways: concrete Runway 17-35 (4,907' x 75') and asphalt Runway 4-22 (4,900' x 60'). In addition to the runways, the airfield features turnarounds at each end of both runways, a connecting taxiway, an apron, and hangar taxilanes. Existing airfield information can be found in **Appendix I: Runway Data Table**. The Runway Data Table identifies Runway 17-35 as having an Airport Reference Code (ARC) of B-II and Runway 4-22 as having an ARC of B-I. A particular ARC is assigned to the runway based upon characteristics of the typical aircraft (design aircraft) that is expected to use the respective pavement.

Lochner's site visit to the airport in February 2024 confirmed that asphalt Runway 4-22 is experiencing failures as expected for pavement of its age. This pavement displayed longitudinal and transverse cracking on the surface along with visible surface oxidation. In addition, there is vegetation growing through the cracks indicating the cracks are large enough to support a reservoir of water that could penetrate the subsurface over time. To minimize Foreign Object Debris (FOD) across the airfield and to keep the pavement accessible to based and itinerant aircraft without harming their safety or damaging their property, the pavement requires regular maintenance.

### **Expected Project Outcomes**

The Kansas Department of Transportation (KDOT) contracted Garver to evaluate the pavement at the Elkhart-Morton County Airport and document its current condition. Garver's findings re published in the *KDOT Aviation 2022 Airport Pavement Management Plan*, dated November 2022. The report lists the Pavement Condition Index (PCI) value for Runway 4-22 at 51 and the Runway 22 turnarounds at 13. The PCI applies a numerical value to the condition of various pavements across the airfield, which helps determine the repair method applicable for the specific section of pavement. Distresses observed consist primarily of longitudinal cracks between paving joints. The greatest width measure approximately 1-1/2 inches, with the majority through the runway centerline. The pavement is also showing signs of oxidation. Given the pavement material, together with regional climate, these are typical types of distress. To prevent further deterioration, the longitudinal cracks and oxidation issues will need to be treated. At locations along the runway centerline where longitudinal cracking is greater than 1-1/2 inches, a mill and replace type of repair will be required. To increase PCI values and extend the useful life of the various pavement structures, the following rehabilitation efforts are proposed:

- Remove pavement markings
- Remove asphalt joint seal material and other deleterious materials inside asphalt cracks and joints
- Mill and patch large asphalt joints/cracks
- Route, clean, and seal asphalt cracks and joints
- Apply surface seal coat treatment application to asphalt surface
- Re-mark affected pavements

All pavement markings located within the pavement rehabilitation limits will be remarked with this project. All pavement markings will be designed according to FAA AC 150/5340-1M *Standards for*

*Airport Markings.* Waterborne paint will be used for all pavement markings and Type-I glass beads added for reflectorized markings, unless otherwise noted, in accordance with FAA Specification P-620 *Runway and Taxiway Painting*.

**Project Goals**

Completing these items will extend the life of the pavements and increase the safety on the airfield by reducing the concern for FOD and providing clear, bright pavement markings. Extending the life of the pavements allows the County to wisely manage their federal and local funding allotment at the airport to continually address the highest areas of need.

**Project Collaborators**

- Federal Aviation Administration (FAA)
- Morton County
- Lochner
- Local Tenants Based at the Elkhart-Morton County Airport

**Budget**

\$468,599 FY2024 FAA AIP Grant – 012 (90%)  
\$52,067 Local Matching Funds for Grant – 012 (10%)

**\$336,000 FY2024 FAA BIL Grant – 013 (90%)**  
**\$37,334 Local Matching Funds for Grant – 013 (10%)**

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\$894,000 Total Project Costs