

Southern Iowa Development and Conservation Authority
304 South Maple – Suite 101
Fairfield, IA 52556

November 22, 2024

I am pleased to share the 2024 Southern Iowa Development and Conservation Authority (SIDCA) Annual Report with you.

SIDCA was authorized by the Iowa Legislature in 1999 to install on and off-road structures and related projects that provide both water resource and transportation infrastructure benefits. **The Authority is comprised of 10 counties across southern Iowa, and part of the Authority’s area is in the geographic region you represent.**

We know water quality is one of the top priorities for the Governor and many Iowans. SIDCA has successfully implemented more than 130 structures to protect watersheds and reduce runoff. To continue developing and implementing water quality projects in southern Iowa, **the SIDCA has secured \$200,000 in funding for Fiscal Year 2025.**

To learn more about SIDCA, we invite you to visit with one of our board members:

Appanoose County:	John Glenn (President)	Jefferson County:	Dee Sandquist
Monroe County:	John Hughes (Vice President)	Lucas County:	Larry Davis
Davis County:	Ron Bride (Secretary/Treasurer)	Van Buren County:	Dale House
Clarke County:	Dean Robins	Wayne County:	John Sellers
Decatur County:	Sam Wengryn	Wapello County:	Bryan Ziegler

If you have any comments or questions about this report, Blake Lough at the Pathfinders RC&D office in Fairfield, call (641) 472-6177 or email blake@pathfindersRCD.org. Pathfinders RC&D provides administrative management to SIDCA.

We thank you for your support and urge you to work with your colleagues to invest in SIDCA and water quality in southern Iowa in FY25.

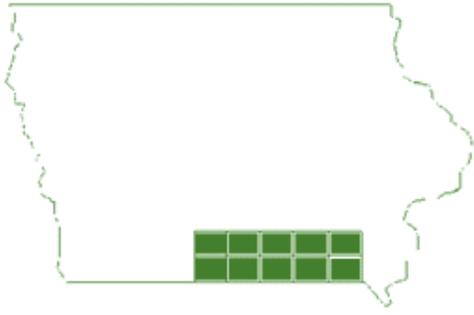
Sincerely,

John Glenn
 President

Enclosure: Annual Report
 Cc: Pathfinders RC&D, Inc.

MEMBER COUNTIES

<i>Appanoose</i>	<i>Clarke</i>	<i>Davis</i>	<i>Decatur</i>	<i>Jefferson</i>
<i>Lucas</i>	<i>Monroe</i>	<i>Van Buren</i>	<i>Wapello</i>	<i>Wayne</i>



SIDCA

Southern Iowa Development & Conservation Authority

2024 ANNUAL REPORT



July 1, 2023 -
June 30, 2024

Prepared by:



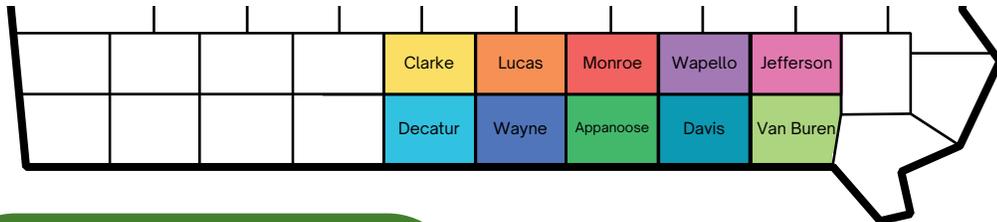
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SIDCA Mission:

To develop and coordinate plans for projects related to the unique natural resources, rural development, and infrastructure problems of counties in the most fragile areas of the southern Iowa drift plain.



The Southern Iowa Development and Conservation Authority (SIDCA) were established in 1999 in response to soil erosion, water resource degradation and stream channel destabilization linked to the disturbance of southern Iowa's fragile glacial till soils.

These resource concerns primarily resulted from large sections of land being converted from perennial grassland vegetation to annual row crop production. These actions were spurred by economic pressures and federal agricultural policies, which encouraged the expansion of subsidized commodity row crop production without regard for southern Iowa's fragile, susceptible soils.

Soil erosion in southern Iowa degrades water quality and riparian habitat, severely threatens the region's potable water supply, damages rural infrastructure, including public roads and bridges, and negatively affects other public and private improvements.

SIDCA & Iowa's Nutrient Reduction Strategy

Though SIDCA was formed more than 25 years ago, the Authority's mission is still relevant today. SIDCA's outcomes directly support Iowa's major water quality priority: the Iowa Nutrient Reduction Strategy.

For the Iowa Nutrient Reduction Strategy to succeed, comprehensive participation from all areas of the state is needed. Since the Authority was established, SIDCA has been vital in establishing water quality practices in southern Iowa.

Practices installed with the assistance of SIDCA help remove sediments from soil erosion, phosphorus, nitrogen, and bacteria in the water runoff flowing down the Iowa streams. The projects are cooperative projects between landowners, the county government, the county soil and water conservation district, the Iowa Department of Agriculture and Land Stewardship, and the Natural Resources Conservation Service. These types of projects and partnerships are crucial to the success of the Iowa Nutrient Reduction Strategy.

Operations & Accomplishments



Sec. Naig visit at a SIDCA bridge replacement in Davis County

Meetings

The SIDCA Board met on the following days:

- September 21, 2023: In-Person/Virtual
- January 18, 2024: In-Person/Virtual
- March 21, 2024: In-Person/Virtual
- July 11, 2024: In-Person/Virtual

Election of Officers

In July 2024, the SIDCA Board held its annual meeting. The Board voted to have the elected officers remain the same until the January meeting. With the possibility of Board members changing after the General Elections in the counties, it was determined that waiting until January would be the best option to have newly elected officials for the SIDCA Board.

At this time, John Glenn, who represents Appanoose County, is President, and John Hughes, who represents Monroe County, is Vice President. The Secretary and Treasurer, Ron Bride, represents Davis County.

COUNTY	REPRESENTATIVE	POSITION
Apanoose	John Glenn	President
Monroe	John Hughes	Vice-President
Davis	Ron Bride	Secretary/Treasurer
Lucas	Larry Davis	Director
Jefferson	Dee Sandquist	Director
Clarke	Dean Robins	Director
Wayne	John Sellers	Director
Van Buren	Dale House	Director
Decatur	Sam Wengryn	Director
Wapello	Bryan Ziegler	Director

State Legislative Funding: Historical & current legislative appropriation

→ FY24 Funding	\$150,000.00
→ FY23 Funding	\$250,000.00
→ FY12-FY21 Funding	\$0.00
→ FY11 Funding	\$250,000.00

Budgets, Receipts & Actual Expenditures

	Membership Checking State Appropriated Funds	Checking Membership Funds	Money Market Savings State Appropriated Funds	Interest Gaining CDs
Opening Balance: July 1, 2023	\$6,646.77	\$5.00	\$218,997.50	\$305,005.77
INCOME				
Interest Earned	\$17.98	\$0.00	\$3,223.47	\$10,915.53
Transfers from Savings		\$0.00	\$162,758.19	
Membership Dues	\$5,000.00			
State Appropriated Funds			\$150,000.00	
EXPENSE				
Bank Fees	\$0.00	\$0.00	\$0.00	\$0.00
Transfers to Savings			\$0.00	\$(162,758.19)
Administration Fees	\$(4,521.96)			
Project Funds Paid			\$(359,588.36)	
Ending Balance: June 30, 2024	\$7,142.79	\$5.00	\$175,390.80	\$153,163.11
TOTAL OF ALL PROJECT SIDCA FUNDS				\$328,558.91
Obligated Funds for FY24				\$306,797.46
Remaining FY24 Funds to be Obligated				\$21,761.45

The Iowa Code states that SIDCA may use 5% of its appropriated funds for administrative costs. However, the SIDCA Board of Directors continues to use all appropriate funds for projects. In FY 2024, 100% of past state funds appropriated were used to cost-share construction on and off-road structures and related projects that provide water quality and transportation infrastructure benefits in the 10-county SIDCA area. Member counties and existing public programs offer the balance of funds required for the projects.

Recommendations to the Governor and General Assembly

SIDCA did not receive any funding from 2012-2021. Through dedication and hard work, the SIDCA Board was able to maintain funds until SIDCA was reappropriated in 2022. With this renewed support, the SIDCA board is working diligently to begin and complete new projects aimed at improving water quality, preventing sediment erosion, and enhancing infrastructure in southern Iowa.

SIDCA Projects

SIDCA Funds Utilized in Each Member County (2002-2024)

Appanoose	\$482,499.00	Lucas	\$347,991.00
Clarke	\$246,954.00	Monroe	\$257,424.00
Davis	\$937,834.00	Wayne	\$356,500.00
Decatur	\$193,336.00	Wapello	\$320,465.00
Jefferson	\$521,819.00	Van Buren	\$268,688.00

SIDCA Attracts and Leverages Outside Funding for Non-Infrastructure Projects

- \$100,000 funding for the Army Corps of Engineers (COE) Recognizance Study of the Lower Des Moines River
- SIDCA sought to be the original sponsor of the COE Section 206 Project. This program can generate \$5 million of funding for the Rathbun Lake Watershed for aquatic habitat restoration. SIDCA is now working with partners to pursue this project with a different sponsor.
- Partners on SIDCA Projects since 2002:
 1. State Legislature
 2. IDALS – Division of Soil Conservation
 3. Counties
 4. Cities
 5. Soil and Water Conservation Districts
 6. Natural Resources Conservation Service
 7. Pathfinders, & Southern Iowa RC&D
 8. Iowa Department of Natural Resources
 9. Watershed Organizations
 10. Rural Water Associations
 11. U.S. Army Corp of Engineers
 12. County Conservation Boards
 13. Private Landowners
 14. Federal Emergency Management Agency (FEMA)
 15. Watershed Improvement Review Board (WIRB)
 16. Pheasants Forever and Ducks Unlimited

SIDCA MISSION:

To develop and coordinate plans for projects related to the unique natural resources, rural development, and infrastructure problems of counties in the most fragile areas of the southern Iowa drift plain.

Approved & In Progress FY24

STATEMENT OF PROPOSED AND PROJECTED ACTIVITIES

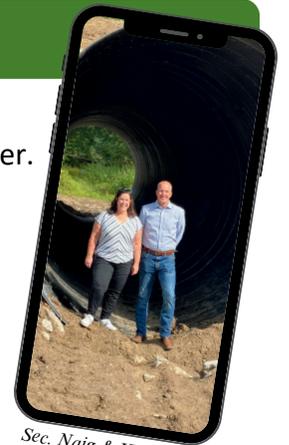
On-Road/Off-Road Structures—SIDCA utilizes earthen embankments with existing roads or on-road structures to reduce culvert size and replace bridges. This often prevents 95% of sediment, nutrients, and pesticides from entering downstream water bodies and provides savings to counties.

County	Project Name	Project Benefits	Estimated Cost	Obligated SIDCA Funds	% Paid by SIDCA
Davis	Goodson Bridge Replacement	This will eliminate weight restrictions on roadways, improve public safety, and help prevent sediment from eroding downstream.	\$80,000.00	\$40,000.00	50%
Davis	Vetch Bridge Replacement	Construction of abutments using geo-reinforced stone embankments with concrete stub wall footing. Sheet piling abutment walls will be constructed to protect the fabric embankment and slow soil erosion.	\$80,000.00	\$40,000.00	50%
Appanoose	502nd Ave Bridge Replacement	This will eliminate weight restrictions on roadways, improve public safety, and help prevent sediment from eroding downstream.	\$270,000.00	\$90,000.00	50%
Davis	Yak Bridge Armoring	Armoring of the creek banks will help prevent sediment from eroding downstream.	\$56,000.00	\$27,800.88	50%
Monroe	710th Ave Tube Replacement	Slow or stop soil from eroding from the back wall on the East and West abutments.	\$29,918.07	\$14,959.04	50%
Monroe	Starcevic Tube Replacement	The installation will increase transportation safety and decrease sediment loads.	\$31,294.32	\$15,647.16	50%
Monroe	S.Folkerts Tube Replacement	Erosion has taken place on the bank of the structure. To prevent erosion, the bank will be armored with revetment per DNR inspection requirements.	\$29,978.07	\$14,989.04	50%
Monroe	692nd Ave Tube Replacement	Replacing the deteriorated overflow pipe in the structure with a new pipe and repairing the eroded bank of the structure. The repair will help increase the storage for silt reduction going downstream.	\$29,918.07	\$14,959.03	50%
Van Buren	Austin Park #1,2 Stream Bank Armoring	Provide Bank Stabilization of the Des Moines River at Austin Park Gateway Access to the Lower Des Moines Water Trail.	\$100,440.00	\$50,000.00	50%
Jefferson	Parrott Pond Tube Replacement	Replace with a new 24-inch corrugated steel pipe, seep collars, and trash guard. Stopping soil erosion and increasing transportation safety.	\$27,650.00	\$9,519.19	34%

County	Project Name	Project Benefits	Estimated Cost	Obligated SIDCA Funds	% Paid by SIDCA
Davis	Monterey Bridge Armoring	Armoring of the creek banks will help prevent sediment from eroding downstream.	\$38,000.00	\$15,397.50	41%
Davis	Glosser Bridge Replacement	This will eliminate weight restrictions on roadways, improve public safety, and help prevent sediment from eroding downstream.	\$86,500.00	\$39,937.48	46%
Davis	Soap Creek Watershed Structure 26-55 Armoring	Replacing the deteriorated overflow pipe in the structure with a new pipe and repairing the eroded bank of the structure. The repair will help increase the storage for silt reduction going downstream.	\$85,000.00	\$16,648.57	20%
Davis	Altheide Watershed Structure 14A	Replacing the deteriorated overflow pipe in the structure with a new pipe and repairing the eroded bank of the structure. The repair will help increase the storage for silt reduction going downstream.	\$90,000.00	\$16,850.00	19%
Jefferson	225th Ave Bridge Replacement	This will eliminate weight restrictions on roadways, improve public safety, and help prevent sediment from eroding downstream.	\$91,530.00	\$35,874.08	39%
Jefferson	Iris Ave Bridge Replacement	This will eliminate weight restrictions on roadways, improve public safety, and help prevent sediment from eroding downstream.	\$108,900.00	\$50,000.00	46%
Davis	Whitefish Trail Bank Armoring	Provide Bank Stabilization of the Des Moines River and protect Whitefish Trl. roadway.	\$150,000.00	\$44,755.35	30%
Davis	Charlie Scott Bridge Replacement	This will eliminate weight restrictions on roadways, improve public safety, and help prevent sediment from eroding downstream.	\$98,000.00	\$36,983.38	38%

Benefits of SIDCA Structures

- Improving Water Quality
- Reducing nutrient runoff into Iowa’s lakes and rivers for drinking water.
- Stabilizing eroding stream banks and halting gully formation
- Improving the rural development potential of the area
- Providing additional fisheries and wildlife benefits
- Enhancing recreational and scenic qualities of southern Iowa
- Reducing infrastructure costs for the counties Removing rural bridge weight limits and width restrictions for wide loads
- Providing flood control to county roads and bridges downstream
- Providing opportunities to improve rural fire suppression by installing dry fire hydrants and providing livestock watering from structures.



Sec. Naig & IDALS Dir. Susan Kozak at a SIDCA project in Davis County

SIDCA Project Spotlights



AUSTIN PARK

Van Buren County
\$100,440.00

This project helped fund a stream bank armoring of the Des Moines River, a new boat ramp, and updated campgrounds.



The Austin Park project was an excellent project to showcase all the work being implemented to help combat sediment loss and water quality issues in our streams and rivers, a well as creating a safe environment for families and the public to enjoy the great state of Iowa. The project partners included: SIDCA, Destination Iowa, Iowa DOT, American Rescue Plan Act (ARPA), Iowa DNR Water Trail, Van Buren County Conservation, City of Keosauqua, Army Corps of Engineers, and the Transportation Alternatives Program (TAP).





Tissue Bridge Monroe County: \$119,981.81

SIDCA helped replace a deteriorated wooden bridge that due to its unsafe conditions had caused the road to be closed. But with this project, the bridge was replaced with twin rail car pipes, the road was widened and the weight limit restrictions were lifted. This project helped improve public safety, helped prevent sediment from eroding downstream, and improved rural transportation roadways.



Whitefish Trail Davis County: \$150,000.00

Due to extreme stream bank erosion on Whitefish Trail in Davis County, the stream bank had sloughed off to within 2'-3' of the roadway. With the help of SIDCA funds, Davis County would be able to rebuild the bank slope with dirt and armor it with revetment stone. This would prevent the soil from eroding off directly into the Des Moines River and keep the route open with access to the Sand Plant, as well as access to homes and farm fields for private landowners.



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