

# IOWA'S FARM-TO-MARKET NETWORK OF PROJECTS

2023-2024 Multimodal Project Discretionary Grant (MPDG) Opportunity

## PROJECT BUDGET

**Project Name:** Iowa's Farm-to-Market Network of Projects  
**Project Type:** Rural – Network of Projects  
**Total Project Cost:** \$41,966,538  
**FY 23/24 MPDG Funds Requested:** \$29,628,321

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<https://www.srfconsulting.com/icea/>

CHICKASAW COUNTY, IOWA



ENGINEERS OFFICE & SECONDARY ROADS DEPT.



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# PROJECT BUDGET

Guthrie County is leading this application on behalf of Chickasaw, Fayette, Mitchell, Wapello, and Webster Counties (herein known as the Project Counties) to request MPDG Rural grant funds for **Iowa's Farm-to-Market Network of Projects** (herein known as the Project). This [geographically diverse Project](#) consists of six sub-projects across nine census tracts in eight Counties and several small rural communities across Iowa.

## PROJECT COSTS

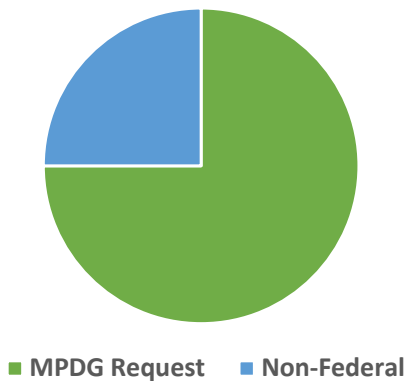


Figure 1 Project Funding Breakdown

**Total Project Cost:** \$41,966,538

**Total Future Eligible Project Cost:** \$39,504,428

**FY 2023/2024 MPDG Request:** \$29,628,321 (75 percent of total future eligible project cost)

### Availability and commitment of funding sources:

The total future eligible project cost of the Project is \$39,504,428 and includes construction and contingency, in terms of year of expenditure dollars (2026). All six Project Counties have committed to using local funds towards environmental assessment, preliminary design, final design, and right-of-way acquisition to advance project delivery as well as for construction engineering and administration. The Counties have secured signed [28E agreements](#) between involved partners as well as with project partner Iowa County Engineers Association Service Bureau (ICEASB). [Iowa Code Chapter 28E](#) permits state and local governments in Iowa to make efficient use of their powers by enabling them to provide joint services and facilities with other agencies and to cooperate in other ways of mutual advantage.

All six sub-projects are currently in preliminary design. The [total project cost estimate](#) for each sub-project has been prepared based on 15 percent design. The Counties and their partners have committed approximately \$9.9 million in state and local funds to the Project. [Tables 1-6](#) present the Project budget and funding breakdown for each sub-project. All Counties have budgeted sufficient contingency and appropriate inflation amounts to account for any unanticipated cost increases.

Table 1 Funding Breakdown – Chickasaw County V18 Project ([click to expand](#))

Project Element	Project Funding - Chickasaw County Project										Total Cost Estimate
	Federal		Non-Federal								
	MPDG		Chickasaw County		City of Alta Vista		Howard County		City of Elma		
Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage		
Environmental Assessment & Preliminary Engineering Design	\$0		\$1,755		\$10,255		\$0		\$0		\$12,010
Final Design	\$0		\$0		\$85,800		\$0		\$0		\$85,800
Right-of-Way Acquisition	\$0		\$57,200		\$0		\$0		\$0		\$57,200
<b>Total Non-Participating Cost</b>	<b>\$0</b>	<b>0%</b>	<b>\$58,955</b>	<b>38%</b>	<b>\$96,055</b>	<b>62%</b>	<b>\$0</b>	<b>0%</b>	<b>\$0</b>	<b>0%</b>	<b>\$155,010</b>
Construction Cost	\$4,468,696		\$658,087		\$374,478		\$337,130		\$119,870		\$5,958,261
Contingency	\$670,304		\$98,713		\$56,172		\$50,570		\$17,980		\$893,739
<b>Total Future Eligible Costs</b>	<b>\$5,139,000</b>	<b>75%</b>	<b>\$756,800</b>	<b>11%</b>	<b>\$430,650</b>	<b>6%</b>	<b>\$387,700</b>	<b>6%</b>	<b>\$137,850</b>	<b>2%</b>	<b>\$6,852,000</b>
MPDG Rural Participation Maximum (80/20)											
	MPDG Request	\$5,139,000	75%	<b>Total Project Costs</b>							<b>\$7,007,010</b>
	Other Federal	\$0	0%								
	Non-Federal	\$1,713,000	25%								

Table 2 Funding Breakdown – Fayette County W51 Project (click to expand)

Project Element	Project Funding - Fayette County Project						Total Cost Estimate
	Federal		Non-Federal				
	MPDG		Fayette County		City of Wadena		
	Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	
Environmental Assessment & Preliminary Engineering Design	\$0		\$42,000		\$0		\$42,000
Final Design	\$0		\$123,000		\$5,000		\$128,000
CE & Admin	\$0		\$132,000		\$0		\$132,000
<b>Total Non-Participating Cost</b>	<b>\$0</b>	<b>0%</b>	<b>\$297,000</b>	<b>98%</b>	<b>\$5,000</b>	<b>2%</b>	<b>\$302,000</b>
Construction Cost	\$1,488,082		\$367,461		\$128,566		\$1,984,109
Contingency	\$223,212		\$55,119		\$19,285		\$297,616
<b>Total Future Eligible Costs</b>	<b>\$1,711,294</b>	<b>75%</b>	<b>\$422,580</b>	<b>19%</b>	<b>\$147,851</b>	<b>6%</b>	<b>\$2,281,725</b>
<i>MPDG Rural Participation Maximum (80/20)</i>							
	MPDG Request	\$1,711,294	75%	<b>Total Project Costs</b>			<b>\$2,583,725</b>
	Other Federal	\$0	0%				
	Non-Federal	\$570,431	25%				

Table 3 Funding Breakdown – Guthrie County F65 Project (click to expand)

Project Element	Project Funding - Guthrie County Project						Total Cost Estimate
	Federal		Non-Federal				
	MPDG		Guthrie County		City of Stuart		
	Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	
Environmental Assessment & Preliminary Engineering Design	\$0		\$135,000		\$0		\$135,000
Final Design	\$0		\$125,000		\$0		\$125,000
Non-participating Construction Cost	\$0		\$850,000		\$150,000		\$1,000,000
<b>Total Non-Participating Cost</b>	<b>\$0</b>	<b>0%</b>	<b>\$1,110,000</b>	<b>88%</b>	<b>\$150,000</b>	<b>12%</b>	<b>\$1,260,000</b>
Construction Cost	\$5,432,609		\$1,810,870		\$0		\$7,243,478
Contingency	\$814,891		\$271,630		\$0		\$1,086,522
<b>Total Future Eligible Costs</b>	<b>\$6,247,500</b>	<b>75%</b>	<b>\$2,082,500</b>	<b>25%</b>	<b>\$0</b>	<b>0%</b>	<b>\$8,330,000</b>
<i>MPDG Rural Participation Maximum (80/20)</i>							
	MPDG Request	\$6,247,500	75%	<b>Total Project Costs</b>			<b>\$9,590,000</b>
	Other Federal	\$0	0%				
	Non-Federal	\$2,082,500	25%				

Table 4 Funding Breakdown – Mitchell County T40 and A23 Project (click to expand)

Project Element	Project Funding - Mitchell County Project						Total Cost Estimate
	Federal		Non-Federal				
	MPDG		Mitchell County		City of Stacyville		
	Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	
Environmental Assessment & Preliminary Engineering Design	\$0		\$1,100		\$0		\$1,100
Final Design	\$0		\$75,000		\$75,000		\$150,000
<b>Total Non-Participating Cost</b>	<b>\$0</b>	<b>0%</b>	<b>\$76,100</b>	<b>50%</b>	<b>\$75,000</b>	<b>50%</b>	<b>\$151,100</b>
Construction Cost	\$4,703,604		\$1,418,154		\$149,714		\$6,271,473
Contingency	\$830,048		\$250,263		\$26,420		\$1,106,730
<b>Total Future Eligible Costs</b>	<b>\$5,533,652</b>	<b>75%</b>	<b>\$1,668,417</b>	<b>23%</b>	<b>\$176,134</b>	<b>2%</b>	<b>\$7,378,203</b>
<i>MPDG Rural Participation Maximum (80/20)</i>							
	MPDG Request	\$5,533,652	75%	<b>Total Project Costs</b>			<b>\$7,529,303</b>
	Other Federal	\$0	0%				
	Non-Federal	\$1,844,551	25%				

Table 5 Funding Breakdown – Wapello County T61 Project (click to expand)

Project Element	Project Funding - Wapello County Project						Total Cost Estimate
	Federal		Non-Federal				
	MPDG		Wapello County		Monroe County		
	Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	
Environmental Assessment & Preliminary Engineering Design	\$0		\$50,000		\$0		\$50,000
Final Design	\$0		\$82,000		\$0		\$82,000
<b>Total Non-Participating Cost</b>	<b>\$0</b>	<b>0%</b>	<b>\$132,000</b>	<b>100%</b>	<b>\$0</b>	<b>0%</b>	<b>\$132,000</b>
Construction Cost	\$2,346,000		\$703,800		\$78,200		\$3,128,000
Contingency	\$414,000		\$124,200		\$13,800		\$552,000
<b>Total Future Eligible Costs</b>	<b>\$2,760,000</b>	<b>75%</b>	<b>\$828,000</b>	<b>23%</b>	<b>\$92,000</b>	<b>3%</b>	<b>\$3,680,000</b>
<i>MPDG Rural Participation Maximum (80/20)</i>							
	MPDG Request	\$2,760,000	75%	<b>Total Project Costs</b>			<b>\$3,812,000</b>
	Other Federal	\$0	0%				
	Non-Federal	\$920,000	25%				

Table 6 Funding Breakdown – Webster County D36 and D20 Project (click to expand)

Project Element	Project Funding - Webster County Project				Total Cost Estimate	
	Federal		Non-Federal			
	MPDG		Webster County			
	Dollars	Project Percentage	Dollars	Project Percentage		
Environmental Assessment & Preliminary Engineering Design	\$0		\$50,000		\$50,000	
Final Design	\$0		\$250,000		\$250,000	
Right-of-Way Acquisition	\$0		\$12,000		\$12,000	
Non-participating Construction Cost (Moorland Emergency Detour Route)	\$0		\$150,000		\$150,000	
<b>Total Non-Participating Cost</b>	<b>\$0</b>	<b>0%</b>	<b>\$462,000</b>	<b>100%</b>	<b>\$462,000</b>	
Construction Cost	\$7,162,500		\$2,387,500		\$9,550,000	
Contingency	\$1,074,375		\$358,125		\$1,432,500	
<b>Total Future Eligible Costs</b>	<b>\$8,236,875</b>	<b>75%</b>	<b>\$2,745,625</b>	<b>25%</b>	<b>\$10,982,500</b>	
<i>MPDG Rural Participation Maximum (80/20)</i>						
	MPDG Request	\$8,236,875	75%	<b>Total Project Costs</b>		<b>\$11,444,500</b>
	Other Federal	\$0	0%			
	Non-Federal	\$2,745,625	25%			

The Project is located across [nine census tracts](#) throughout the Project Counties. Four of the nine tracts are designated as either [Areas of Persistent Poverty](#) (APP), [Historically Disadvantaged Communities](#) (HDC), or both (Table 7).

Thirty-five percent of the total future eligible project cost will be spent in the underserved census tracts along the Project Corridor.

**Table 7 Project Cost by Census Tracts**

County	Census Tract	Areas of Persistent Poverty (APP)	Historically Disadvantaged Communities (HDC)	Project Cost per Census Tract
Chickasaw	19037070100	No	No	\$4,888,370
Howard	19089960300	No	No	\$2,118,640
Fayette	19065080200	Yes	No	\$2,583,725
Guthrie	19077950300	No	No	\$9,590,000
Mitchell	19131560100	No	Yes	\$7,529,303
Wapello	19179960700	No	No	\$3,444,000
Monroe	19135070200	Yes	Yes	\$368,000
Webster	19187000900	Yes	No	\$4,410,848
Webster	19187010300	No	No	\$7,033,652
<b>Total Project Cost</b>				<b>\$41,966,538</b>
<b>Total Cost in APP/HDC Tracts</b>				<b>\$14,891,876</b>
<b>Percentage</b>				<b>35%</b>

## NON-FEDERAL FUNDING SOURCE

The matching funds for the MPDG – Rural grant request will be provided by the agencies participating in cost share and include Chickasaw, Howard, Fayette, Guthrie, Mitchell, Wapello, Monroe, and Webster Counties and the Cities of Alta Vista, Elma, Wadena, Stuart, and Stacyville. The source of these funds are local dollars through County and City funds. The Project Counties and funding partners are contributing a combined \$9.88 million (25 percent) of matching construction funds. In addition to the \$9.88 million match, they will be fully covering the design and construction inspection costs (not to be counted as local match for this Rural application).

All project partners will cover costs related to the future ongoing maintenance and operations of all components under their corresponding jurisdiction.

The sub-projects are [programmed](#) as follows:

- 1. Chickasaw County V18 Project** – TPMS #53372 ILL-C019)--92-19
- 2. Fayette County W51 Project** – TPMS #53406 ILL-CO33)--92-33

- 3. Guthrie County F65 Project** – TPMS #52972 ILL-C039)--92-39
- 4. Mitchell County T40 and A23 Project** – TPMS #52978 ILL-C066)--92-66
- 5. Wapello County T61 Project** – TPMS #47057 ILL-C090)--92-68
- 6. Webster County D36 and D20 Project** – TPMS #53492 ILL-C094(D20/D36)--94-92

## OTHER FEDERAL FUNDING SOURCES

The Project does not currently have other committed or secured federal funding sources.

### MPDG Funding Need

If the MPDG funding is not awarded, the Project could be significantly delayed from its existing schedule. Without the proposed improvements, the corridor will continue to experience a poor state of pavement condition and higher than average crash rates. Additionally, the much-needed pedestrian/bicyclist improvements of Americans with Disabilities Act (ADA) compliant multimodal infrastructure will not get constructed, leading to gaps in multimodal connectivity.

Project Counties may seek alternative funding sources in the future, but the scope will be significantly reduced. The absence of funding and corresponding scope reduction would adversely impact the rural lowan communities including the underserved population in the area. The

MPDG award will lead to crucial investment in the economy and infrastructure of these small communities as it is a vital opportunity to address the underlying issues rather than providing temporary solutions through light rehabilitation.

## FUNDING DOCUMENTATION

Links to funding documents are included as follows:

[28E Agreements](#)

[Letters of Support](#)

All supporting documents and the MPDG application narrative are also available to view at the following webpage:

<https://www.srfconsulting.com/icea/>